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**Ergogenic Effects of
Acute Caffeine Intake on
Muscular Endurance and
Muscular Strength in Women:
A Meta-Analysis**

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Open Access Article

Smoking from a Younger Age Is the Dominant Factor in the Incidence of Chronic Obstructive Pulmonary Disease: Case-Control Study

by Winda Safitri, Santi Martini, Kurnia Dwi Artanti and Chung-Yi Li

Int. J. Environ. Res. Public Health 2021, 18(11), 6047; <https://doi.org/10.3390/ijerph18116047> - 04 Jun 2021

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Abstract Background: Indonesia ranks 7th highest in the world for the number of deaths caused by tobacco use including those caused by Chronic Obstructive Pulmonary Disease (COPD). The purpose of this study was to determine the influence of initial smoking age and habit on the incidence of COPD. **Methods:** This research was a case-control study. The sampling in this research took a systematic random sampling method. The samples of this study were 56 respondents of a case group and 56 respondents of a control group. This study was conducted at Ngudi Waluyo Hospital, Wlingi, Blitar from October to November 2017. **Results:** The factors that influenced the incidence of COPD were being male ($p = 0.00$; OR = 6.333; 95%CI = 2.776–14.450), a smoker ($p = 0.00050$; OR = 5.1318; 95%CI = 1.9004–13.8958), initially smoking at <15 years old ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903), initially getting into a smoking habit at the age of <15 years old (OR = 12; CI = 1346–106,950), initially getting into a smoking habit at the age of ≥ 15 years old (OR = 3647; CI = 1625–8183) and having smoked for ≥ 30 years (OR = 8857; CI = 3298–23,787). **Conclusion:** There are three factors of smoking behavior that influence COPD: smoking habit, initial smoking age and smoking duration. Of all factors, forming a smoking habit at the age of <15 years old has the biggest risk (OR = 12; CI = 1346–106,950). Full article

Open Access Article

Vibration Perception Threshold and Related Factors for Balance Assessment in Patients with Type 2 Diabetes Mellitus

by Jisang Jung, Min-Gyu Kim, Youn-Joo Kang, Kyungwan Min, Kyung-Ah Han and Hyoseon Choi

Int. J. Environ. Res. Public Health 2021, 18(11), 6046; <https://doi.org/10.3390/ijerph18116046> - 04 Jun 2021

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Abstract Diabetic peripheral neuropathy (DPN) is a common complication of type 2 diabetes mellitus (DM). DPN causes a decrease in proprioception, which could reduce balance ability. We investigated the association of impaired vibration sense, based on vibration perception threshold (VPT), with assessments of balance [...] Read more.
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Interests: environmental health and diseases; gene-environment interactions; environmental toxicology, mutagenesis and carcinogenesis; environmental epidemiology and disease control; health risk assessment and management; ecological risk assessment and management; environmental chemistry and computational toxicology; environmental genomics and proteomics; environmental medicine; and natural resources damage assessment and management

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Interests: biomechanics

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Interests: epidemiology; biostatistics; vital statistics; environmental health; occupational health; substance-related disorders; drug overdose; mortality; social determinants of health

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Interests: different aspects of environmental geochemistry; ranging from hydrogeochemistry to air; water and soil pollution in volcanic; mining and anthropic areas

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Performance and Sport Rehabilitation Laboratory (DEPORSALUD), Faculty of Sports Sciences, University of Castilla-La Mancha, Avda. Carlos III s/n, 45071

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Interests: cancer prevention; built environment; physical activity; obesity; energy balance; natural experiments; transportation and health; acculturation; geospatial approaches to cancer control; childhood obesity

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Department of Public Health, University of Turin, Via Santena 5 bis, 10126 Turin, Italy

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Interests: HIV/HCV/HBV coinfections; vaccine preventable diseases; communicable and non-communicable disease syndemics; global health; big data; spatial analysis of complex data

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Interests: health promotion; vaccination; breastfeeding; screening; health impact assessment

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Interests: sport performance; athlete's stress management; ageing wellbeing

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Interests: health risks of climate variability and change; health adaptation; health co-benefits of mitigation policy; sustainable development

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Interests: statistical methods; epidemiological study design; risk modeling; cardiovascular disease; cancer

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Interests: design and evaluation of interventions using digital technologies; improving health equity through marketing and communication; social norms, social and behavior change (SBC); social marketing

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Interests: biogeochemical cycling of heavy metals in the environment and health impacts; non-traditional stable isotope geochemistry; remediation of heavy metal contaminated environment

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Section Editor-in-Chief

Department of Psychiatry, University of Nebraska Medical Center in Omaha, Omaha, NE 68198, USA

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* Section: Mental Health



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Interests: water quality improvement technology; water environment protection and bioremediation; coupling of biofilms and active substrata; ecological engineering; nanomaterials for environmental remediation; environmental behaviors of nanomaterials; toxicity of manufactured nanoparticles

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Interests: occupational medicine; public health; nanosafety; active aging; occupational toxicology; industrial health; biological monitoring; occupational risk assessment; occupational diseases; occupational carcinogens

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Interests: health promotion; public health; epidemiology health; risk assessment; safety; risk analysis; epidemiology and public Health; Healthcare; Environmental Risk Assessment; Health and Safety sleep disorders and sleep medicine; risk factors; determination health risk assessment; exposure assessment; environmental exposure occupational health; hospital management; chemical risk assessment environmental epidemiology; health impact assessment informed consent; occupational epidemiology; chemical safety occupational medicine; occupational health and disease; inhalation toxicology; environmental medicine; aging and work; hazardous workers

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Prof. Dr. David Rodríguez-Lázaro (<https://sciprofiles.com/profile/929065>) *

Website (<https://investigacion.ubu.es/investigadores/35482/detalle?lang=en>)

Section Editor-in-Chief

Microbiology Section, Department of Biotechnology and Food Science, Faculty of Science, University of Burgos, 09001 Burgos, Spain

Interests: food-borne pathogens; food safety; food microbiology

* Section: Environmental Microbiology

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Jinyou Shen (<https://sciprofiles.com/profile/2120171>) *

Website (<https://ebe.njust.edu.cn/4b/d0/c5080a216016/page.htm>)

Section Editor-in-Chief

School of Environmental and Biological Engineering, Nanjing University of Science and Technology, Nanjing 210094, China

Interests: wastewater treatment process; environmental engineering; anaerobic digestion; bioelectrochemistry; nanobiotechnology; advanced oxidation processes treatment; environmental remediation; biodegradation; renewable energy

* Section: Chemoenvironment



Prof. Dr. Gianrico Spagnuolo (<https://sciprofiles.com/profile/477376>) *

Website (<https://cutt.ly/VlhRTM1>)

Section Editor-in-Chief

Department of Neuroscience, Reproductive and Odontostomatological Sciences, University of Naples "Federico II", 80131 Naples, Italy

Interests: oral medicine; dental materials; operative dentistry; oral health

* Section: Oral Health

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. William A. Toscano (<https://sciprofiles.com/profile/10959>) *

Website (<https://directory.sph.umn.edu/bio/sph-a-z/william-toscano>)

Section Editor-in-Chief

Division of Environmental Health Sciences, School of Public Health, University of Minnesota, Minneapolis, MN 55455, USA

Interests: toxicology; environmental hormones; public health genomics; environmental signaling

* Section: Environmental Health

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Germán Vicente-Rodríguez (<https://sciprofiles.com/profile/692355>) *

Website (<https://sideral.unizar.es/sideral/CVgerman-vicente-rodriguez>)

Section Editor-in-Chief

Department of Physiatry and Nursing, Faculty of Health and Sport Sciences (FCSD), University of Zaragoza, Ronda Misericordia 5, 22001 Huesca, Spain

Interests: adolescents; MASS; osteoporosis; children; fractures; physical-activity; publication bias; weight-bearing exercise; vitamin-D status; impact exercise

* Section: Adolescents

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Linyu Xu (<https://sciprofiles.com/profile/44912>) *

Website (<http://envfaculty.bnu.edu.cn/Public/htm/news/5/37.html>)

Section Editor-in-Chief

State Key Joint Laboratory of Environmental Simulation and Pollution Control, School of Environment, Beijing Normal University, Beijing 100875, China

Interests: urban ecological environment; economic environmental management; environmental risk assessment; urban ecological planning

* Section: Environmental Ecology

Special Issues, Collections and Topics in MDPI journals



Dr. Xianlai Zeng (<https://sciprofiles.com/profile/152107>) *

Website (<https://www.tsinghua.edu.cn/enven/info/1052/1964.htm>)

Section Editor-in-Chief

School of Environment, Tsinghua University, Beijing 100084, China

Interests: urban mining; resource evaluation; E-waste management; circular economy

* Section: Anthropogenic Circularity

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Peter Clifton (<https://sciprofiles.com/profile/336938>)

Website (<https://people.unisa.edu.au/Peter.Clifton>)

Advisory Board Member

1. Division of Health Sciences, School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, SA, Australia

2. Alliance for Research in Exercise, Nutrition and Activity (ARENA), Adelaide, SA, Australia

Interests: obesity; lipids; diabetes; heart disease

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Peter Ebeling (<https://sciprofiles.com/profile/374313>)
Website (<https://research.monash.edu/en/persons/peter-ebeling>)

Advisory Board Member

Department of Medicine, School of Clinical Sciences at Monash Health, Monash University, Clayton, VIC 3168, Australia 

Interests: osteoporosis; sarcopenia; vitamin D; calcium; fractures; falls

Special Issues, Collections and Topics in MDPI journals



Prof. Fabriziomaria Gobba (<https://sciprofiles.com/profile/375687>)
Website (<http://personale.unimore.it/rubrica/dettaglio/gobba>)

Advisory Board Member

Department of Biomedical, Metabolic and Neural Sciences, University of Modena & Reggio Emilia, 41125 Modena, Italy

Interests: occupational medicine; occupational diseases; non-ionizing radiations (NIRs); occupational exposure evaluation, adverse health effects in workers, and prevention; occupational skin cancer: epidemiology and prevention; visual function in workers: occupational risks to the eye, prevention

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Han C. G. Kemper (<https://sciprofiles.com/profile/185792>)
Website (<https://www.researchgate.net/profile/Han-Kemper-2>)

Advisory Board Member

Amsterdam UMC, Amsterdam Public Health Research Institute, 1218 HD Amsterdam, The Netherlands

Interests: exercise and sport science; pediatric exercise physiology; physical activity and bone health

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Jagdish Khubchandani (<https://sciprofiles.com/profile/994451>)
Website (https://publichealth.nmsu.edu/about-us/facultydirectory/faculty_profiles/faculty1.html)

Advisory Board Member

Department of Public Health Sciences, New Mexico State University, Las Cruces, NM 88003, USA

Interests: epidemiology; violence; injury; trauma; social determinants

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Elena N. Naumova
Website (<https://facultyprofiles.tufts.edu/elena-naumova>)

Advisory Board Member

Division of Nutrition Epidemiology and Data Sciences, Freidman School of Nutrition Science and Policy, Tufts University, 150 Harrison Avenue, Boston, MA 02111, USA

Interests: development of statistical, mathematical and computational models for climate-sensitive infectious diseases; the use of big data, novel information sources and tools, including GIS and remote sensing in public health applications and environmental research

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Tomonori Okamura (<https://sciprofiles.com/profile/1146790>)
Website (https://k-ris.keio.ac.jp/html/100002086_en.html)

Advisory Board Member

Department of Preventive Medicine and Public Health, Keio University School of Medicine, Tokyo 160-8582, Japan

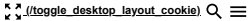
Interests: cardiovascular epidemiology; coronary artery disease; stroke; hypertension; dyslipidemia; atherosclerosis; alcohol drinking; population strategy; health education; epidemiology



Dr. Renata Sisto (<https://sciprofiles.com/profile/670083>)
Website (<https://web.uniroma1.it/trasparenza/sites/default/files/cv/CV%20Renata%20Sisto%20fomato%20europeo%20maggio%202018.pdf>)

Advisory Board Member

Head of the Laboratory of Synergistic Interaction among Risk Factors, Department of Occupational and Environmental Medicine, Epidemiology and Hygiene, INAIL Research Area, via Fontana Candida 1, 00040 Monteporzio Catone, Italy

Interests: physiological acoustics; noise exposure; synergistic interaction of noise and chemicals in inducing hearing loss; otoacoustic emissions; cochlear modeling 

Prof. Dr. Jacqueline Agnew (<https://sciprofiles.com/profile/2575977>)
Website (<https://www.jhsph.edu/faculty/directory/profile/3/jacqueline-agnew>)

Editorial Board Member

Department of Environmental Health and Engineering, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD 21205, USA

Interests: environmental health sciences; aging workers; occupational health; occupational stress; musculoskeletal disorders; ergonomics; neurotoxins

Dr. Fulvio Amato (<https://sciprofiles.com/profile/442024>)

Editorial Board Member

IDAEA-CSIC - Spanish Research Council, Barcelona, Spain

Interests: air quality; source apportionment; traffic emissions; atmospheric geochemistry

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Alan Apter (<https://sciprofiles.com/profile/617533>)
Website (<https://www.idc.ac.il/en/pages/faculty.aspx?username=aalan>)

Editorial Board Member

Department of Psychological Medicine, Schneider Children's Medical Center of Israel, Petah Tikva 4920235, Israel

Interests: suicide; children; adolescents; depression; Tourette syndrome

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Soledad Ballesteros (<https://sciprofiles.com/profile/495546>)
Website (https://portal.uned.es/portal/page?_pageid=93.25162945&_dad=portal&_schema=PORTAL)

Editorial Board Member

Department of Basic Psychology II, National Distance Education University (UNED), C/ Juan del Rosal, 10, 28040 Madrid, Spain

Interests: implicit and explicit memory in normal and pathological aging; attention; cross-modal priming; haptic and visual perception and cognitive neuroscience of aging



Prof. Dr. John R. Balmes (<https://sciprofiles.com/profile/543428>)
Website (<https://tobacco.ucsf.edu/people/john-balmes-md>)

Editorial Board Member

Division of Occupational and Environmental Medicine, School of Medicine, University of California, San Francisco, CA 94143, USA

Interests: effects of exposure to air pollution; environmental health; environmental medicine



Prof. Dr. Claudio Barbaranelli (<https://sciprofiles.com/profile/2510487>)
Website (<https://corsidilaurea.uniroma1.it/it/users/claudio barbaranelli/uniroma1it>)

Editorial Board Member

Department of Psychology, Sapienza University of Rome, Via dei Marsi, 78, 00185 Rome, Italy

Interests: structural equation modeling; self-efficacy; moral disengagement; work related stress; scale development and validation; personality structure; job insecurity; safety at work

Dr. Emma Beard (<https://sciprofiles.com/profile/808050>)
Website (<https://www.ucl.ac.uk/pals/people/emma-beard>)

Editorial Board Member

1. Department of Behavioural Science and Health, University College London, London WC1E 7HB, UK

2. SPECTRUM Research Consortium, Edinburgh EH8 9YL, UK

Interests: statistical methodology; Bayesian analysis and advanced regression methodologies; qualitative studies and smaller community based surveys; smoking and alcohol toolkit studies

Prof. Dr. Bettina M. Beech (<https://sciprofiles.com/profile/2421427>)
Website (<https://www.uh.edu/medicine/about/faculty/bettina-beech/>)

Editorial Board Member

1. Department of Health Systems and Population Health Sciences, University of Houston Tilman J. Fertitta Family College of Medicine, Houston, TX 77204, USA

2. University of Houston Population Health, University of Houston, Houston, TX 77030, USA

Interests: prevention and treatment of childhood obesity; health disparities research; adolescent health



Prof. Dr. Giovanni Benelli (<https://sciprofiles.com/profile/688957>)

★ (<https://recognition.webofscience.com/awards/highly-cited/2020/>) **Website** (<https://peerj.com/GBenelli/>)

Editorial Board Member

Department of Agriculture, Food and Environment, University of Pisa, via del Borghetto 80, 56124 Pisa, Italy

Interests: arthropod vectors; entomology; insect control; mosquitoes; nano-synthesis; nanoparticles; nano-pesticides; nanotechnology; non-target effects; ticks

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Peng Bi (<https://sciprofiles.com/profile/208178>)

Website (<http://www.adelaide.edu.au/directory/peng.bi>)

Editorial Board Member

School of Public Health, The University of Adelaide, Adelaide, SA 5005, Australia

Interests: climate change and population health; adaptation; vulnerability; infectious disease; disaster response; public health policy and health services

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Fabrizio Bianchi (<https://sciprofiles.com/profile/244737>)

Website (<https://areaperta.pi.cnr.it/fabrizio-bianchi/>)

Editorial Board Member

Institute of Clinical Physiology, National Research Council, 56124 Pisa, Italy

Interests: environmental epidemiology; statistics; environment and health research; reproductive epidemiology; clinical epidemiology; medical statistics; diseases registries; public health surveillance

Special Issues, Collections and Topics in MDPI journals



Dr. Guillermo Blanco (<https://sciprofiles.com/profile/1024698>)

Website (<https://canarianegyptianvulture.com/current-members/>)

Editorial Board Member

National Museum of Natural Sciences, Spanish National Research Council, Consejo Superior de Investigaciones Científicas, 28006 Madrid, Spain

Interests: conservation biology; ecology; birds; ecotoxicology; pathogens; evolution; raptors; parrots; corvids; behavioural ecology; population dynamics; population trends; antibiotics; salmonella; parasites; conservation management; wildlife

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Denis Bourgeois (<https://sciprofiles.com/profile/1015897>)

Website (<https://cappmea.com/speaker/prof-denis-bourgeois>)

Editorial Board Member

Health, Systemic, Process, UR 4129 Research Unit, University of Lyon, 69008 Lyon, France

Interests: chronic diseases; periodontology; inflammation; health policy

Special Issues, Collections and Topics in MDPI journals



Dr. Jennifer Bragg-Gresham (<https://sciprofiles.com/profile/2393650>)

Website (<https://apha.confex.com/apha/143am/webprogram/Person294765.html>)

Editorial Board Member

School of Public Health, University of Michigan, 1119 N University Ave, Ann Arbor, MI 48109-1084, USA

Interests: epidemiology; genetic epidemiology; chronic kidney disease; environmental health risks



Prof. Dr. Michael S. Breen (<https://sciprofiles.com/profile/84639>)

Website (<https://www.ccee.ncsu.edu/people/msbreen/>)

Editorial Board Member

Center for Public Health & Environmental Assessment, U.S. Environmental Protection Agency, Research Triangle Park, NC 27711, USA

Interests: exposure monitoring and assessment

Special Issues, Collections and Topics in MDPI journals



Dr. Tamara Brown (<https://sciprofiles.com/profile/92085>)

Website1 (<https://www.leedsbeckett.ac.uk/staff/dr-tamara-brown/>) **Website2** (<https://www.stir.ac.uk/people/1244009#aboutme>)

Editorial Board Member

1. Obesity Institute, School of Health, Leeds Beckett University, Leeds LS1 3HE, England, UK

2. Faculty of Social Sciences, University of Stirling, Stirling FK9 4LA, Scotland, UK

Interests: obesity; behaviour change; lived experience; public health; health equity

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. David Canning (<https://sciprofiles.com/profile/2486550>)

Website (<https://www.hsph.harvard.edu/david-canning/>)

Editorial Board Member

Department of Global Health and Population, Harvard T. H. Chan School of Public Health, Boston, MA 02115, USA

Interests: air pollution and mortality; air pollution and cognition; inequalities in health; fertility



Dr. Emanuele Cannizzaro (<https://sciprofiles.com/profile/741485>)

Website (<https://www.unipa.it/personedocenti/c/emanuele.cannizzaro/?pagina=curriculum>)

Editorial Board Member

Associate Professor, Department of Health Promotion Sciences Maternal and Infantile Care, Internal Medicine and Medical Specialities "Giuseppe D'Alessandro", University of Palermo, via del Vespro 133, 90127 Palermo, Italy

Interests: occupational medicine; toxicology; work-related stress; swift work

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Gustavo Carlo (<https://sciprofiles.com/profile/2483588>)

Website (https://www.faculty.uci.edu/profile.cfm?faculty_id=6783)

Editorial Board Member

School of Education, University of California, Irvine, CA 92697, USA

Interests: prosocial and moral development; cultural mechanisms; personality; parenting; child and adolescent development



Prof. Dr. Marco Carmignani (<https://sciprofiles.com/profile/1193279>)

Website (<https://www.univaq.it/rubrica.php?id=84&docente=on>)

Editorial Board Member

Department of Basic and Applied Biology, Università degli Studi dell'Aquila, 6710 L'Aquila, Italy

Interests: cardiovascular pharmacology/toxicology; environmental pollutants; xenobiotics and cancer; neuroendocrine toxicology



Prof. Dr. Constantinos Cartalis (<https://sciprofiles.com/profile/103106>)

Website (<https://uoa.academia.edu/ConstantinosCartalis>)

Editorial Board Member

Department of Physics, National and Kapodistrian University of Athens, 15784 Athens, Greece
Interests: urban environment; air pollution; thermal environment in cities; climate change adaptation
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Albert P. C. Chan (<https://sciprofiles.com/profile/241706>)
Website (<http://www.bre.polyu.edu.hk/staff/bsachan/>)

Editorial Board Member

Faculty of Construction and Environment, The Hong Kong Polytechnic University, Hong Kong, China
Interests: construction safety and health; project management and project success; project finance and public private partnerships (PPP); construction procurement and relational contracting; construction industry development
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Susanne Charlesworth (<https://sciprofiles.com/profile/150964>)
Website (<http://www.coventry.ac.uk/research/research-directories/researchers/sue-charlesworth/>)

Editorial Board Member

Centre for Agroecology, Water and Resilience, Coventry University, Coventry CV1 5FB, UK
Interests: sustainable drainage (SuDS); water and sediment quality in SuDS devices; metal pollution of urban environments; drainage of informal settlements and refugee camps; Natural Flood Resilience Measures
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Judith L. Charlton (<https://sciprofiles.com/profile/2026553>)
Website (<https://research.monash.edu/en/persons/judith-charlton>)

Editorial Board Member

Monash University Accident Research Centre, Monash University, Melbourne 3800, Australia
Interests: safe mobility; ageing; child passenger safety; future transport technologies; older drivers



Prof. Dr. Lianguo Chen (<https://sciprofiles.com/profile/1568596>)
Website1 (http://www.ihb.ac.cn/yjdw/yjy/index_83634.html?
json=http://sourcedb.ihb.cas.cn/cn/gb/yjy1/shjgcyjzx_172772/201810/20181031_5749597.json) **Website2**
(http://edu.ihb.cas.cn/ds/bsds/202103/20210304_627617.html)

Editorial Board Member

Institute of Hydrobiology, Chinese Academy of Science, Wuhan 430072, China
Interests: environmental behavior, toxicology, and molecular mechanisms of emerging pollutants; development of toxicity-ameliorative measures based on gut microbiota manipulation to protect the health of animals and humans
Special Issues, Collections and Topics in MDPI journals



Dr. Mei-chun Cheung (<https://sciprofiles.com/profile/1658819>)
Website (<https://web.swk.cuhk.edu.hk/en-gb/people/full-time-teaching-staff/136-prof-cheung-mei-chun>)

Editorial Board Member

Department of Social Work, The Chinese University of Hong Kong, Hong Kong, China
Interests: clinical neuropsychology; clinical intervention; aging and dementia; autism spectrum disorder



Prof. Dr. Imti Choonara (<https://sciprofiles.com/profile/79245>)
Website (<https://www.nottingham.ac.uk/medicine/people/imti.choonara>)

Editorial Board Member

Division of Medical Sciences and Graduate Entry Medicine, University of Nottingham, Derby DE22 3DT, UK
Interests: drug toxicity; clinical trials; rational use of medicines; epidemiology of the use of medicines; inequalities in child health; access to medicines in children
Special Issues, Collections and Topics in MDPI journals



Dr. Cain Clark (<https://sciprofiles.com/profile/369316>)
Website (<https://pureportal.coventry.ac.uk/en/persons/cain-clark>)

Editorial Board Member

Centre for Intelligent Healthcare, Coventry University, Coventry CV1 5RW, UK
Interests: data analytics; visualization and meta-analyses; physical activity; motor competence; sedentary behaviour
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Derek Clements-Croome (<https://sciprofiles.com/profile/11099>)
Website (<https://derekcroome.com/>)

Editorial Board Member

School of the Built Environment, University of Reading, PO Box 219, Whitek Nights, Reading RG6 6AW, UK
Interests: health and wellbeing; design and management of intelligent buildings; sustainable liveable buildings; environmental sensory design; creating productive and creative workplaces
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Peter Congdon (<https://sciprofiles.com/profile/36143>)
Website (<https://www.qmul.ac.uk/geog/staff/congdonp.html>)

Editorial Board Member

School of Geography, Queen Mary University of London, Mile End Road, London E1 4NS, UK
Interests: geographical health inequalities; spatial epidemiology; urban environments and health
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Paola Dalmasso (<https://sciprofiles.com/profile/1130341>)
Website (<https://medchirurgia.campusnet.unito.it/do/docenti.pl?Alias?paola.dalmasso#tab-profilo>)

Editorial Board Member

Department of Public Health and Pediatrics, University of Torino, 10126 Torino, Italy
Interests: public health; epidemiology; biostatistics; child and adolescent health; well-being and health complaints; health behaviors
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Shaonong Dang (<https://sciprofiles.com/profile/323114>)
Website (<http://sph.xjtu.edu.cn/info/1154/2123.htm>)

Editorial Board Member

Department of Epidemiology and Biostatistics, School of Public Health, Xi'an Jiaotong University, Xi'an 710061, China
Interests: nutritional epidemiology; maternal and child nutrition and health care; public health evaluation; clinical trial; data process and analysis in medical field
Special Issues, Collections and Topics in MDPI journals



Dr. Bithin Datta (<https://sciprofiles.com/profile/479823>)
Website (<https://research.jcu.edu.au/portfolio/bithin.datta/>)

Editorial Board Member

Discipline of Civil Engineering, College of Science & Engineering, James Cook University, Townsville, QLD 4811, Australia
Interests: hydrology; groundwater contamination; water resources; artificial intelligence
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Giovanni De Girolamo
Website (<https://docenti.unicatt.it/ppd2/it/docenti/39590/giovanni-de-girolamo/profilo>)

Editorial Board Member

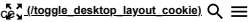
Unit of Epidemiological and Evaluation Psychiatry, IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, 25125 Brescia, Italy
Interests: psychiatry; mental health



Dr. Séverine Deguen (<https://sciprofiles.com/profile/2021404>)

Website (<https://cv.archives-ouvertes.fr/severine-deguen?langChosen=en>)

Editorial Board Member

Bordeaux Population Health Research Center, University of Bordeaux, Inserm, UMR 1219, F-33000 Bordeaux, France 

Interests: biostatistics; environmental epidemiology; social and environmental inequalities; cumulative environmental exposure; vulnerable population

Special Issues, Collections and Topics in MDPI journals



Dr. Maurizio Delvecchio (<https://sciprofiles.com/profile/1045124>)

Website (<https://scholar.google.com/citations?user=xcDMRgQAAAAJ&hl=ro&oi=ao>)

Editorial Board Member

Department of Metabolic and Genetic Diseases, Giovanni XXIII Children's Hospital, 70126 Bari, Italy

Interests: neonatal diabetes mellitus; type 1 diabetes; celiac disease; thyroid disorders; insulin; Wolfram syndrome; Prader Villino syndrome

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Shyamali Dharmage (<https://sciprofiles.com/profile/160903>)

Website (<https://findanexpert.unimelb.edu.au/profile/3474-shyamali-dharmage#tab-research>)

Editorial Board Member

Allergy and Lung Health Unit, University of Melbourne, Parkville 3010, Australia

Interests: epidemiology; respiratory medicine; chronic obstructive pulmonary disease (COPD); asthma; allergy; risk factors

Special Issues, Collections and Topics in MDPI journals



Dr. Julio Diaz (<https://sciprofiles.com/profile/100775>)

Website (https://www.researchgate.net/profile/Julio_Diaz7)

Editorial Board Member

Department of Epidemiology and Biostatistics, National School of Public Health, Carlos III National Institute of Health (Instituto Salud Carlos III/ISCIII), 28029 Madrid, Spain

Interests: air pollution; noise and health; climate change; cold and heat waves

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Julia Dickson-Gomez (<https://sciprofiles.com/profile/2305385>)

Website (<https://www.mcu.edu/departments/psychiatry-and-behavioral-medicine/people/julia-dickson-gomez-phd>)

Editorial Board Member

Institute for Health and Equity, Medical College of Wisconsin, Milwaukee, WI 53226, USA

Interests: HIV; substance use disorder; homelessness; housing instability; informal settlements; global health; opioids; crack

Special Issues, Collections and Topics in MDPI journals



Dr. Thomas Dos Santos (<https://sciprofiles.com/profile/1447140>)

Website (<https://www.mmu.ac.uk/sport-and-exercise-sciences/staff/profile/dr-thomas-dossantos>)

Editorial Board Member

Department for Sport and Exercise Sciences, Musculoskeletal Science and Sports Medicine Research Centre, Manchester Metropolitan University, Manchester M15 6BH, UK

Interests: assessment and development of strength, power, multidirectional speed; injury mitigation; ACL injury

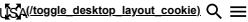
Special Issues, Collections and Topics in MDPI journals



Dr. Norca Maritza Dowling (<https://sciprofiles.com/profile/2538874>)

Website (<https://nursing.gwu.edu/n-maritza-dowling>)

Editorial Board Member

1. Department of Acute & Chronic Care, School of Nursing, George Washington University, Washington, DC 20006, USA 

2. Department of Epidemiology, George Washington University, Washington, DC 20006, USA

Interests: alzheimer's disease and related dementias; health disparities and health outcomes in older adults; methods to strengthen causal inference in observational research; longitudinal data analysis; latent variable modeling; population heterogeneity

Prof. Dr. Isabelle S. Durand-Zaleski (<https://sciprofiles.com/profile/2214701>)

Website (<http://recherche-innovation.aphp.fr/urc-eco/>)

Editorial Board Member

AP-HP, Health Economics Research Unit, 75004 Paris, France

Interests: spinal muscular atrophy; health-related quality of life; economic burden; cost-of-illness; europe; informal care

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Timothy Dvonch (<https://sciprofiles.com/profile/96695>)

Website (<https://sph.umich.edu/faculty-profiles/dvonch-jtim.html>)

Editorial Board Member

Department of Environmental Health Sciences, University of Michigan, Ann Arbor, MI 48109, USA

Interests: exposure assessment and health effects of air pollution; atmospheric transport and fate of mercury and other trace metals; receptor modeling and source apportionment of atmospheric pollutants

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Helen Edwards (<https://sciprofiles.com/profile/1335889>)

Website (<https://staff.qut.edu.au/staff/h.edwards>)

Editorial Board Member

School of Nursing and Midwifery, Queensland University of Technology, Brisbane, QLD 4001, Australia

Interests: wound management; evidenced based practice; older people's health; implementation science



Dr. Frank Eves (<https://sciprofiles.com/profile/829577>)

Website (<https://www.birmingham.ac.uk/staff/profiles/sportex/eves-frank.aspx>)

Editorial Board Member

School of Sport, Exercise and Rehabilitation Sciences, University of Birmingham, Birmingham B15 2TT, UK

Interests: health psychology; environmental psychology; lifestyle physical activity; physical activity interventions

Prof. Dr. Nùria Fabrellas (<https://sciprofiles.com/profile/1680785>)

Website (http://www.ub.edu/infermeria_recerca/en/fitxes-pdi/fabrellas-padres)

Editorial Board Member

Hospital Clinic Barcelona, Faculty of Health Sciences, University of Barcelona (UB), 08036 Barcelona, Spain

Interests: primary care; primary care nursing



Prof. Dr. Alesia Ferguson (<https://sciprofiles.com/profile/215800>)

Website (<https://www.ncat.edu/employee-bio.php?directoryID=100953105>)

Editorial Board Member

Built Environment Department, College of Science and Technology, North Carolina Agricultural and Technical State University, Greensboro, NC 27411, USA

Interests: risk assessment and dermal adherence and exposures; human activity patterns and exposures; outreach and education focused on exposure in and around the home; occupational exposure in the service industries

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Maria Beatriz Duarte Gavião (<https://sciprofiles.com/profile/2123457>)

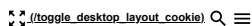
Website (<https://www.fop.unicamp.br/cpg/index.php/es-es/346-maria-beatriz-duarte-gaviao>)

Editorial Board Member

Department of Health Sciences and Pediatric Dentistry, Piracicaba Dental School, University of Campinas, Piracicaba 13414-903, Brazil

Interests: quality of life; oral physiology; salivary biomarkers; sleep

Special Issues, Collections and Topics in MDPI journals



Dr. Emma Godfrey (<https://sciprofiles.com/profile/2599889>)

Website (<https://www.kcl.ac.uk/people/emma-godfrey>)

Editorial Board Member

Department of Psychology, Institute of Psychiatry, Psychology and Neuroscience (IoPPN), King's College London, London SE5 8AF, UK

Interests: health psychology; chronic musculoskeletal pain; adherence to exercise

Prof. Dr. Susan Griffin

Website (<https://www.york.ac.uk/che/staff/research/susan-griffin/>)

Editorial Board Member

Centre for Health Economics, University of York, York YO10 5DD, UK

Interests: health economics; economic evaluation; health inequalities; value of information; cost-effectiveness; decision-analytic models



Dr. Jennifer M. Grossman (<https://sciprofiles.com/profile/361173>)

Website (<https://www.wcwoonline.org/Active-Researchers/jennifer-m-grossman-phd>)

Editorial Board Member

Wellesley Centers for Women, Wellesley College, Wellesley, MA 02481, USA

Interests: adolescent development; sexual risk and prevention; family sexuality communication; teen-family relationships; evaluation of preventive programs; qualitative and mixed-methods approaches

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Xihui Gu (<https://sciprofiles.com/profile/504118>)

Website (https://grzy.cug.edu.cn/guxihui/zh_CN/index.htm)

Editorial Board Member

Department of Atmospheric Science, School of Environmental Studies, China University of Geosciences, Wuhan 430074, China

Interests: climate change; climate change and human health; climatic and hydrological extremes; urban climate; extreme events prediction and projection



Prof. Dr. Christos Hadjichristodoulou (<https://sciprofiles.com/profile/20637>)

Website (<http://www.med.uth.gr/en/DepDetailsEN.aspx?id=100>)

Editorial Board Member

Laboratory of Hygiene and Epidemiology, Faculty of Medicine, University of Thessaly, 41222 Larissa, Greece

Interests: infectious diseases; epidemiology; surveillance; infection prevention and control; environmental health and hygiene; points of entry; cross-border health threats; maritime health

Special Issues, Collections and Topics in MDPI journals

Dr. Chanita Hughes Halbert (<https://sciprofiles.com/profile/2714200>)

Website (<https://uscnorriscancer.usc.edu/chanita-hughes-halbert-phd/>)

Editorial Board Member

Department of Population and Public Health Sciences, University of Southern California, Los Angeles, CA 90032, USA

Interests: public health; health inequality; cancer prevention; cancer health disparities; health ethnic



Prof. Dr. Gregory W. Heath (<https://sciprofiles.com/profile/2206953>)

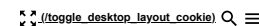
Website1 (<https://www.utc.edu/health-education-and-professional-studies/health-and-human-performance/graduate-programs/master-of-public-health/faculty-and-staff>) **Website2** (<https://www.researchgate.net/profile/Gregory-Heath>)

Editorial Board Member

Department of Health and Human Performance, University of Tennessee at Chattanooga, Chattanooga, TN 37403, USA

Interests: physical activity epidemiology; NCD prevention; physical activity interventions

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Michael Hendryx (<https://sciprofiles.com/profile/479174>)

Website (<https://publichealth.indiana.edu/research/faculty-directory/profile.html?user=hendryx>)

Editorial Board Member

Department of Environmental and Occupational Health, Indiana University, Bloomington, IN 47405, USA

Interests: health disparities; environmental justice; environmental exposures; Appalachia; public health effects of coal mining



Dr. Kevin A. Henry (<https://sciprofiles.com/profile/235701>)

Website (<https://liberalarts.temple.edu/academics/faculty/henry-kevin>)

Editorial Board Member

Geography and Urban Studies, Temple University, Philadelphia, PA 19122, USA

Interests: geospatial approaches to cancer control; life course epidemiology; cancer prevention; vaccination; health disparities; spatial statistics; health care access

Prof. Dr. Moonseong Heo (<https://sciprofiles.com/profile/2398536>)

Website (<https://www.clemson.edu/cbshs/about/profiles/index.html?userid=mheo>)

Editorial Board Member

Department of Public Health Sciences, Clemson University, Clemson, SC 29631, USA

Interests: clinical trial design and analysis; obesity epidemiology; opioid use disorder epidemiology and associated infectious diseases; pediatric quality improvement



Dr. Wen-Che Hou (<https://sciprofiles.com/profile/1801191>)

Website (<https://researchoutput.ncku.edu.tw/zh/persons/wen-che-hou>)

Editorial Board Member

Department of Environmental Engineering, National Cheng Kung University, Tainan 701, Taiwan

Interests: environmental nanotechnology; nano- and microplastics; environmental exposure; contaminant fate and transport modeling; nanotoxicology; bioaccumulation; environmental photochemistry



Prof. Dr. Gordon Huang (<https://sciprofiles.com/profile/214602>)

Website (<http://www.jeionline.org/huangg/research.html>)

Editorial Board Member

Faculty of Engineering and Applied Science, University of Regina, Regina, SK S4S 0A2, Canada

Interests: waste management; site remediation; and risk assessment; simulation and optimization of hydrological and environmental systems; modeling of energy and environmental management systems; climate modeling; impact assessment; adaptation planning

Special Issues, Collections and Topics in MDPI journals



Dr. Po-Chin Huang (<https://sciprofiles.com/profile/1206262>)

Website (https://www.researchgate.net/profile/Po_Chin_Huang/research)

Editorial Board Member

National Institute of Environmental Health Sciences, National Health Research Institutes, Miaoli 350, Taiwan

Interests: environmental epidemiology; exposure science; biomonitoring; risk assessment; oxidative stress biomarkers; thyroid hormones homeostasis

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Andrew S. Hursthouse (<https://sciprofiles.com/profile/123544>)

Website (<https://research-portal.uws.ac.uk/en/persons/andrew-hursthouse>)

Editorial Board Member

School of Computing, Engineering and Physical Sciences, University of the West of Scotland, Paisley PA1 2BE, UK  [/toggle_desktop_layout_cookie](#)  

Interests: environmental geochemistry and health; behavior and transport of pollutants in atmospheric, aquatic, and terrestrial environments; policy related to environmental regulation (waste and environmental management); contaminated land risk and remediation; urban management; environmental and public health

Special Issues, Collections and Topics in MDPI journals



Dr. Tomohiko Isoe (<https://sciprofiles.com/profile/1028490>)

Website (<https://www.nies.go.jp/researchers/200326.html>)

Editorial Board Member

Japan Environment and Children's Study Programme Office, Health and Environmental Risk Division, National Institute for Environmental Studies, Tsukuba 305-0053, Ibaraki, Japan

Interests: development of analytical method for environmental contaminants in biological/environmental matrices; human biomonitoring of environmental contaminants; quality control and quality assurance of exposure assessment

Special Issues, Collections and Topics in MDPI journals



Dr. Mirosław Janik (<https://sciprofiles.com/profile/424914>)

Website (<https://www.researchgate.net/profile/Mirosław-Janik/5>)

Editorial Board Member

The National Institutes for Quantum and Radiological Science and Technology (QST), Center for Advanced Radiation Medicine, Chiba 263-8555, Japan

Interests: radon; thoron; alpha spectrometry; machine learning; quality assurance; radiation protection

Special Issues, Collections and Topics in MDPI journals



Dr. Billingsley Kaambwa (<https://sciprofiles.com/profile/1230361>)

Website (<https://www.flinders.edu.au/people/billingsley.kaambwa>)

Editorial Board Member

Health Economics, College of Medicine and Public Health, Bedford Park Campus, Flinders University, Adelaide 5042, Australia

Interests: economic evaluation; cost-effectiveness analysis; cost-utility analysis; decision-analytic modelling; contingent valuation; discrete choice experiments; quality of life; cost analysis



Dr. Leonid Kalichman (<https://sciprofiles.com/profile/2371533>)

Website (<https://cris.bgu.ac.il/en/persons/leonid-kalichman>)

Editorial Board Member

Department of Physical Therapy, Recanati School for Community Health Professions, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva 84105, Israel

Interests: musculoskeletal medicine; manual therapy; orthopedic physical therapy and rehabilitation; pelvic floor physical therapy; musculoskeletal pain and sexual dysfunctions



Prof. Dr. Arata Katayama (<https://sciprofiles.com/profile/526481>)

Website (http://www.er.imass.nagoya-u.ac.jp/AKLab_En/index.html)

Editorial Board Member

Institute of Materials and Systems for Sustainability, Nagoya University, Nagoya 464-8603, Japan

Interests: Bioremediation; soil and water; anaerobic microorganisms; bioelectrochemical system; humic substances; bioelectrochemical synthesis; modeling of biological activity; composting; reclamation of solid organic wastes



Prof. Dr. Qiang Kong (<https://sciprofiles.com/profile/2503603>)

Website (<https://www.sdnu.edu.cn/info/1130/9768.htm>)

Editorial Board Member

College of Geography and Environment, Shandong Normal University, Shandong 250358, China

Interests: wastewater treatment; microbial community; constructed wetland; microbial fuel cell; antibiotic-resistance genes



Prof. Dr. Peter C. Konturek (<https://sciprofiles.com/profile/930484>)

Website (<https://www.thueringen-kliniken.de/kontakt/detail/kiinikpersonal-114>)

Editorial Board Member

Thuringia Clinic Saalfeld, Teaching Hospital of the University of Jena, 07318 Saalfeld, Germany

Interests: irritable bowel syndrome; gut microbiota; food intolerance

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Naresh Kumar

Website (<http://biostat.med.miami.edu/people/secondary-faculty/naresh-kumar-ph.d/>)

Editorial Board Member

Department of Public Health Sciences, Miller School of Medicine, University of Miami, Miami, FL 33136, USA

Interests: personalized real-time exposure; air pollution toxicity; personalize health risk surveillance; spatiotemporal sampling and modeling; portable air pollution sensors



Prof. Dr. Thomas Küpper (<https://sciprofiles.com/profile/2328011>)

Website (<https://www.ukaachen.de/kliniken-institute/institut-fuer-arbeits-sozial-und-umweltmedizin/institut/team/wissenschaftliche-mitarbeiter/thomas-kuepper/>)

Editorial Board Member

Institute of Occupational & Social Medicine, RWTH Aachen University, 52074 Aachen, Germany

Interests: travel medicine; hypoxia; high altitude; exercise physiology; acclimatization; expedition medicine; human performance; aviation medicine; arctic/polar medicine; diving medicine

Prof. Dr. Michael Langston (<https://sciprofiles.com/profile/532949>)

Website (<http://web.eecs.utk.edu/~mlangsto/>)

Editorial Board Member

Department of Electrical Engineering and Computer Science, University of Tennessee, Knoxville, TN 37996, USA

Interests: artificial intelligence; big data analytics; computer and data science; graph theoretical algorithms; life science applications; public health

Special Issues, Collections and Topics in MDPI journals



Dr. Michaël R. Laurent (<https://sciprofiles.com/profile/954839>)

Website (<https://ectsoc.org/dr-michael-r-laurent/>)

Editorial Board Member

Centre for Metabolic Bone Diseases, University Hospitals Leuven, 3000 Leuven, Belgium

Interests: geriatrics; metabolic bone diseases; molecular and cellular endocrinology; medical informatics

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Shooou Yih Daniel Lee (<https://sciprofiles.com/profile/2726291>)

Website (<https://ha.chp.vcu.edu/staff/shooou-yih-daniel-lee-phd.html>)

Editorial Board Member

Department of Health Administration, College of Health Professions, Virginia Commonwealth University, Richmond, VA 23298, USA

Interests: health services research; health care management; organizational studies; organizational resilience



Prof. Dr. Peter Lercher

Website (<https://graz.pure.elsevier.com/en/persons/peter-lercher>)

Editorial Board Member

Institute for Highway Engineering and Transport Planning, Graz University of Technology, 8010 Graz, Austria

Interests: combined environmental exposures (noise, vibration, air-pollution, good neighbourhood environments); health of children and adults methodological issues in environmental epidemiology

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Jonathan Levy

Website (<http://www.bu.edu/sph/profile/jonathan-levy/>)

Editorial Board Member

Department of Occupational and Environmental Health, Hudson College of Public Health, The University of Oklahoma Health Sciences Center, Oklahoma, OK 73104, USA

Interests: air pollution exposure assessment; health risk assessment



Prof. Dr. Peiyue Li (<https://sciprofiles.com/profile/53520>)

★ (<https://clarivate.com/highly-cited-researchers/2022>) **Website** (<https://js.chd.edu.cn/hjkygxcy/lpy/list.htm>)

Editorial Board Member

School of Water and Environment, Chang'an University, Xi'an 710054, China

Interests: water resources; hydrogeology; groundwater quality; groundwater pollution; groundwater modeling; health risk assessment; geochemical modeling; hydrogeochemistry

Special Issues, Collections and Topics in MDPI journals



Dr. Sha Liang

Website (<http://ese.hust.edu.cn/info/1216/4015.htm>)

Editorial Board Member

School of Environmental Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Interests: solid waste recycling; sewage sludge treatment and disposal; sludge pyrolysis; phosphorus recovery; biochar



Prof. Dr. Boqiang Lin (<https://sciprofiles.com/profile/453049>)

★ (<https://clarivate.com/highly-cited-researchers/2022>) **Website** (<https://cicep.xmu.edu.cn/info/1033/1533.htm>)

Editorial Board Member

Collaborative Innovation Center for Energy Economics and Energy Policy, China Institute for Studies in Energy Policy, School of Management, Xiamen University, Xiamen 361005, China

Interests: energy economy; energy policy; technical economy

Prof. Dr. Shang-Lien Lo (<https://sciprofiles.com/profile/33924>)

Website (<http://enve.ntu.edu.tw/DispPageBox/giee/GieeCP.aspx?ddsPageID=GIEETCFULL&dbid=3234561903>)

Editorial Board Member

Graduate Institute of Environmental Engineering, National Taiwan University, 71 Chou-Shan Rd., Taipei 106, Taiwan

Interests: drinking water treatment; river and groundwater pollution; interaction at sediment-water interfaces; physicochemical processes; microwave-induced technologies; enhanced sonochemical technology; wastewater/sludge treatment; environmental nanomaterials; resource recycling of heavy metal-containing sludge; environment and ecosystem management

Dr. Fortunato Lombardo (<https://sciprofiles.com/profile/1105730>)

Website (<https://www.unime.it/it/persona/fortunato-lombardo/curriculum>)

Editorial Board Member

Department of Human Pathology in Adult and Developmental Age "Gaetano Barresi", University of Messina, 98124 Messina, Italy

Interests: pediatric diabetes; type 1 diabetes; monogenic diabetes; technology and diabetes

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Daniela Lucini (<https://sciprofiles.com/profile/982616>)

Website (<https://www.unimi.it/it/ugov/person/daniela-lucini>)

Editorial Board Member

Department of Medical Biotechnology and Translational Medicine, University of Milan, 20135 Milan, Italy

Interests: autonomic nervous system; lifestyle

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Tao Luo (<https://sciprofiles.com/profile/337003>)

Website (<https://jzxy.fzu.edu.cn/info/1041/1652.htm>)

Editorial Board Member

School of Architecture and Urban-Rural Planning, Fuzhou University, Fuzhou 350108, China

Interests: rural/vernacular landscape; landscape dynamic/evolution; landscape spatial analyse; in human-settlement science: rural settlement and environment, urbanisation process, regional characteristic, place identity; in planning science: sustainable development, territorial spatial planning, landscape evaluation and planning



Prof. Dr. Chuanxin Ma (<https://sciprofiles.com/profile/1508115>)

Website (<https://seer.gdut.edu.cn/info/1029/1056.htm>)

Editorial Board Member

Key Laboratory for City Cluster Environmental Safety and Green Development of the Ministry of Education, School of Ecology, Environment and Resources, Guangdong University of Technology, Guangzhou 510006, China

Interests: engineered nanoparticles; heavy metals; biochar; plant stress physiology; nano-enabled agriculture; biogeochemistry; nanotoxicity; phytoremediation; environmental soil chemistry

Special Issues, Collections and Topics in MDPI journals

Prof. Maurice Mars (<https://sciprofiles.com/profile/253492>)

Website (<https://telehealth.ukzn.ac.za/Staff/ProfessorMauriceMars/>)

Editorial Board Member

Department of TeleHealth, School of Nursing & Public Health, College of Health Sciences, University of KwaZulu-Natal, Durban 4041, South Africa

Interests: telemedicine; mhealth; ehealth; telehealth



Prof. Dr. Gerardo Maupomé (<https://sciprofiles.com/profile/517526>)

Website (<https://fsph.iupui.edu/about/directory/maupome-gerardo.html>)

Editorial Board Member

Richard M. Fairbanks School of Public Health, Indiana University, 1050 Wishard Blvd., suite R6054, Health Sciences Building, Indianapolis, IN 46202, USA

Interests: oral health; dental epidemiology; health services research; minority health; immigrant health; health disparities; social-behavioral sciences

Special Issues, Collections and Topics in MDPI journals



Dr. Peter Memiah (<https://sciprofiles.com/profile/1647018>)

Website (<https://www.medschool.umaryland.edu/profiles/Memiah-Peter/>)

Editorial Board Member

Division of Epidemiology and Prevention, Institute of Human Virology, University of Maryland Baltimore, Baltimore, MD 21201, USA

Interests: quality improvement; HIV; adolescent health; non communicable diseases

Dr. Paola Michelozzi (<https://sciprofiles.com/profile/322157>)

Website (<https://www.deplazio.net/en/staff/47>)

Editorial Board Member

Department of Epidemiology, Lazio Regional Health Service-Italy, Via Cristoforo Colombo, 112-00147 Rome, Italy



Interests: environmental epidemiology; climate change; extreme weather events and health; short and long term effect of air pollution; environmental exposure and cancer; public health

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Mori Mitsuru
Website (<https://researchmap.jp/read0043653>)

Editorial Board Member

Department of Health Science, Hokkaido Chitose College of Rehabilitation, 2-10, Satomi, Chitose 066-0055, Japan  

Interests: health promotion of the older persons; prevention of cancer and other diseases; stress management of workers



Prof. Dr. Masaaki Miyata (<https://sciprofiles.com/profile/2604896>)
Website (https://ris.kuas.kagoshima-u.ac.jp/html/100004926_en.html)

Editorial Board Member

Graduate School of Health Sciences, Kagoshima University, 8-35-1, Sakuragaoka, Kagoshima 890-8544, Japan

Interests: atherosclerosis; coronary artery disease; hypertension; dyslipidemia; health promotion

Prof. Dr. Joshua Muscat (<https://sciprofiles.com/profile/2024180>)

Website (<https://cancer.psu.edu/researchers/individual/-/researcher/5B6500F63D2538DBE0540010E056499A/joshua-muscat-phd-mph>)

Editorial Board Member

Department of Public Health Sciences, College of Medicine, Penn State University, Hershey, PA 17033, USA

Interests: tobacco products; smokers; smoking; odds ratio; confidence intervals; head and neck neoplasms; lung neoplasms; neoplasms; tobacco; epidemiology



Dr. Masatoshi Nakamura (<https://sciprofiles.com/profile/281609>)

Website (<https://researchmap.jp/masatoshi-nakamura>)

Editorial Board Member

Department of Physical Therapy, Faculty of Rehabilitation, Niigata University of Health and Welfare, 1398 Shimamicho, Kitaku, Niigata 950-3198, Japan

Interests: muscle-tendon adaptation; flexibility; stretching; resistance training; ultrasound; muscle stiffness; eccentric contraction; cross-education effect; delayed onset muscle soreness

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. K. Daniel O'Leary

Website (https://www.stonybrook.edu/commcms/psychology/faculty/faculty_profiles/doleary)

Editorial Board Member

Department of Psychology, Stony Brook University, Stony Brook, NY 11794, USA

Interests: marital therapy; the relationship between marital and child problems; the etiology and treatment of spouse abuse; the alcohol abuse/partner abuse link

Dr. Antonio G. Oliveira (<https://sciprofiles.com/profile/2303158>)

Website (<http://lattes.cnpq.br/0119633997550691>)

Editorial Board Member

Pharmacy Department, Universidade Federal do Rio Grande do Norte, Natal 59012-570, Brazil

Interests: biostatistics; epidemiology; meta-analysis; clinical trials; design of experiments; clinical questionnaire development and validation

Dr. Vincenzo Ostilio Palmieri

Website (<https://persone.ict.uniba.it/rubrica/vincenzoostilio.palmieri>)

Editorial Board Member

Department of Precision and Regenerative Medicine and Jonic Area, University of Bari Aldo Moro, 70121 Bari, Italy

Interests: liver physiopathology; metabolic syndrome; autoimmune diseases of liver and related organs; primitive tumors of the liver; COVID 19 infection; post-COVID diseases



Dr. Chi Peng (<https://sciprofiles.com/profile/1811451>)

Website (http://faculty.csu.edu.cn/pengchizh_CN/index.htm)

Editorial Board Member

School of Metallurgy and Environment, Central South University, Changsha 410083, China

Interests: rare metals; risk assessment; soil contamination

Special Issues, Collections and Topics in MDPI journals



Dr. Annalisa Pinsino (<https://sciprofiles.com/profile/1498237>)

Website (<https://publications.cnr.it/authors/annalisa.pinsino>)

Editorial Board Member

Institute of Translational Pharmacology (IFT), National Research Council (CNR), Via Ugo La Malfa 153, 90146 Palermo, Italy

Interests: nanotoxicology; immunology; innate immunity; cell biology; molecular biology; proxy to human model; environmental risk

Special Issues, Collections and Topics in MDPI journals

Dr. Adília O. Pires (<https://sciprofiles.com/profile/1860092>)

Website (<http://www.cesam.ua.pt/index.php?tabela=pessoaldetail&menu=82&user=361>)

Editorial Board Member

Department of Biology & CESAM, University of Aveiro, Campus de Santiago, 3810-193 Aveiro, Portugal

Interests: ecotoxicology; environmental sciences; climate change; contaminants; trace elements; polychaetes; stressors effects on biodiversity; biomarkers; biological conservation; molecular genetics



Dr. Prisco Piscitelli (<https://sciprofiles.com/profile/1104368>)

Website (<https://www.unescochairnapoli.it/wp-content/uploads/2019/09/CV-Piscitelli.pdf>)

Editorial Board Member

1. Euro Mediterranean Scientific Biomedical Institute (ISBEM), 72023 Mesagne, Italy

2. Italian Society of Environmental Medicine (SIMA), 20123 Milan, Italy

Interests: epidemiology; preventive medicine; occupational medicine; environmental medicine; global health; air pollution; indoor pollution; radon; infectious diseases

Special Issues, Collections and Topics in MDPI journals

Dr. Dietrich Plaß (<https://sciprofiles.com/profile/157177>)

Website (https://www.researchgate.net/profile/Dietrich_Plass)

Editorial Board Member

Section Exposure Assessment and Environmental Health Indicators, Federal Environmental Agency, Berlin, Germany

Interests: burden of disease; environmental burden of disease; comparative risk assessment; ambient air pollution; exposure assessment; exposure modelling; infectious diseases



Prof. Dr. Kinga Polańska (<https://sciprofiles.com/profile/213414>)

Website (http://www.imp.lodz.pl/home_en/dep/departament_of_environmental_epidemiology/children_s_environmental_health_unit/about_unit/)

Editorial Board Member

1. Department of Environmental and Occupational Health Hazards, Nofer Institute of Occupational Medicine, 91-348 Lodz, Poland

2. Department of Hygiene and Epidemiology, Medical University of Lodz, 90-419 Lodz, Poland

Interests: environmental exposure; pregnancy; birth outcomes; child health; child neurodevelopment

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Robert G. Price (<https://sciprofiles.com/profile/1118189>)

Website ([https://kclpure.kcl.ac.uk/portal/en/persons/robert-price\(aad05791-b807-4ac9-9bdc-6eb34e63fc84\).html](https://kclpure.kcl.ac.uk/portal/en/persons/robert-price(aad05791-b807-4ac9-9bdc-6eb34e63fc84).html))

Editorial Board Member

King's College London, Stamford Street, London SE1 9NH, UK

Interests: environmental toxicology; biomarkers of kidney injury; metal toxicity; diagnostic enzymology



Prof. Dr. Saumyadipta Pyne (<https://sciprofiles.com/profile/2460391>)

Website (<https://www.pstat.ucsb.edu/people/saumyadipta-pyne>)

Editorial Board Member

Department of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106, USA
Interests: public health informatics; environmental data science; data integration; computational statistics



Dr. Ri Qiu (<https://sciprofiles.com/profile/2328543>)

Website (<http://csee.sdust.edu.cn/info/1070/1208.htm?yikikata=74d33aba-c09bb8d85f6802c18894975ff2c0bebe>)

Editorial Board Member

College of Safety and Environmental Engineering, Shandong University of Science and Technology, Qingdao 266590, China

Interests: water pollution and remediation; water reuse; remediation of soils polluted by chemicals; environmental pollution and remediation; microbial biodegradation and bioremediation; air pollutants; greenhouse gases

Prof. Dr. Maria Catena Quattropani (<https://sciprofiles.com/profile/2460023>)

Website (<http://www.disfor.unict.it/courses/lm-51/faculty/maria.catena.quattropani>)

Editorial Board Member

Department of Educational Sciences, University of Catania, 95124 Catania, Italy

Interests: traumatic experience; covid-19 and mental health; psychological resilience and coping; aging

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Arja Rautio (<https://sciprofiles.com/profile/183734>)

Website (<https://www oulu.fi/medicine/node/193041>)

Editorial Board Member

Thule Institute and Faculty of Medicine, University of Oulu, 90570 Oulu, Finland

Interests: arctic health; environmental health; social exclusion and Indigenous health and well-being

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Ralf Reintjes (<https://sciprofiles.com/profile/2622615>)

Website (<https://www.haw-hamburg.de/hochschule/beschaefigte/detail/person/person/show/ralf-reintjes/2345/>)

Editorial Board Member

Department of Health Sciences, Hamburg University of Applied Science, 21033 Hamburg, Germany

Interests: epidemiology; pandemic control; public health surveillance; infectious disease epidemiology; risk communication



Prof. Dr. Jairo Lisboa Rodrigues (<https://sciprofiles.com/profile/350363>)

Website (https://tas.mucuri.ufvjm.edu.br/wp/?page_id=50)

Editorial Board Member

Instituto de Ciência, Engenharia e Tecnologia, Universidade Federal dos Vales do Jequitinhonha e Mucuri (UFVJM), Campus Mucuri, Teófilo Otoni 39803-371, MG, Brazil

Interests: environmental health; toxic metals, pesticides; nanomaterial; biomonitoring; biomass; adsorption; genotoxicity assay



Dr. Amy Denise Rodriguez (<https://sciprofiles.com/profile/2841276>)

Website (<http://www.varrd.emory.edu/people/amy-rodriguez/>)

Editorial Board Member

1. Department of Neurology, Emory University, Atlanta, GA 30322, USA

2. Center for Visual and Neurocognitive Rehabilitation, Atlanta VA Medical Center, Decatur, GA 30033, USA

Interests: language; cognition; neuroplasticity; aphasia; rehabilitation

Prof. Dr. Martin Rössli (<https://sciprofiles.com/profile/93242>)

Website (<https://www.swisstph.ch/de/staff/profile/people/martin-roeoegli/>)

Editorial Board Member

Head of the Unit for Environmental Exposures and Health, Swiss Tropical and Public Health Institute, Socinstrasse 57, CH-4051 Basel, Switzerland

Interests: exposure assessment studies; aetiological research and health risk assessments in the area of ionizing and non-ionizing radiation; passive smoking, noise exposure; ambient air pollution; climate change and pesticides

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Pier Luigi Sacco (<https://sciprofiles.com/profile/137833>)

Website (<https://milanandsiena.com/course-of-study/faculty/>)

Editorial Board Member

Department of Philosophical, Pedagogical and Economic-Quantitative Sciences, University of Chieti-Pescara, 65127 Pescara, Italy

Interests: psycho-social development; social and affective neuroscience; affectivity and attachment; bonding; mating

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Zoltan Sarnyai (<https://sciprofiles.com/profile/944674>)

Website (<https://research.jcu.edu.au/portfolio/zoltan.sarnyai/>)

Editorial Board Member

Australian Institute of Tropical Health and Medicine, College of Public Health, Medicine and Veterinary Science, James Cook University, Townsville, QLD 4811, Australia

Interests: psychiatric neuroscience; social and biological determinants of mental health; aboriginal and torres strait islander health and social & emotional well-being; stress and allostatic load; behavioural neuroscience; psychopharmacology

Special Issues, Collections and Topics in MDPI journals



Dr. Ingmar Schäfer (<https://sciprofiles.com/profile/2714948>)

Website (https://www.uke.de/allgemein/arztprofil-und-wissenschaftlerprofil/wissenschaftlerprofilseite_ingmar_sch%C3%A4fer.html)

Editorial Board Member

Institute and Outpatients Clinic of General Practice/Primary Care, University Medical Center Hamburg Eppendorf, 20246 Hamburg, Germany

Interests: multimorbidity in primary care; patients with low treatment urgency in emergency care; COVID-19 and primary care; primary care of socially disadvantaged patient groups; digitalisation in primary care

Dr. Zhenyao Shen (<https://sciprofiles.com/profile/350544>)

Website (<https://wsmelab.bnu.edu.cn/yjdw/yjry/53558.html>)

Editorial Board Member

Key Laboratory for Water and Sediment Science, Ministry of Education, Beijing Normal University, Beijing 100875, China

Interests: nonpoint source simulation and control; urban stormwater management; water quality simulation



Prof. Dr. Judith Sixsmith (<https://sciprofiles.com/profile/889570>)

Website (<https://www.dundee.ac.uk/people/judith-sixsmith>)

Editorial Board Member

School of Health Sciences, University of Dundee, Dundee DD1 4HJ, UK

Interests: marginalisation; public health; gerontology; participatory research; qualitative methods; ageing and technology; palliative and end of life care; placemaking; age friendly environments

Prof. Dr. Min Song (<https://sciprofiles.com/profile/250880>)

Website (<https://power.seu.edu.cn/sm/list.htm>)

Editorial Board Member

Ministry of Education of Key Laboratory of Energy Thermal Conversion and Control, School of Energy and Environment, Southeast University, Nanjing 211189, China

Interests: environmental pollution control; environmental engineering; waste treatment and recycling; soil pollution and remediation



Prof. Dr. Steven Stack

Website (<https://clasprofiles.wayne.edu/profile/aa1051>)

Editorial Board Member

College of Liberal Arts & Sciences, Wayne State University, 4841 Cass Avenue, Detroit, MI 48201, USA

Interests: social risk & protective factors for suicide; culture of suicide; suicide acceptability; media and suicide; religion and suicide; economic strain and

suicide; marital strain and suicide; temporal patterns and suicide; cross-national analysis of suicide



Dr. Jaana Suvisaari (<https://sciprofiles.com/profile/2840592>)

Website (<https://thi.fi/fi/tutkimus-ja-kehittaminen/tutkimusprofessorit/jaana-suvisaari>)

Editorial Board Member

Finnish Institute for Health and Welfare, 00271 Helsinki, Finland

Interests: psychotic disorders; general population studies on mental health; psychiatric services; register-based research; epidemiology; psychiatric genetics



Prof. Dr. Orit Taubman-Ben-Ari (<https://sciprofiles.com/profile/1519941>)

Website (https://social-work.biu.ac.il/en/Taubman_Orit_en)

Editorial Board Member

School of Social Work Faculty of Social Sciences, Bar-Ilan University, Ramat-Gan 5290002, Israel

Interests: personal growth; transition to parenthood; positive psychology; reckless driving; the multidimensional driving style inventory

Special Issues, Collections and Topics in MDPI Journals

Dr. Marcia Testa (<https://sciprofiles.com/profile/1558794>)

Website (<https://www.hsph.harvard.edu/marcia-testa/>)

Editorial Board Member

Emergency Preparedness Research, Evaluation & Practice Program, Harvard T.H. Chan School of Public Health, 677 Huntington Avenue, Boston, MA 02115, USA

Interests: quantitative and health information technology methods and processes relating to the measurement and analysis of expanded patient outcomes (quality of life, cost-effectiveness and risk-benefit) for clinical; pharmacoconomics and pharmacoepidemiology; quality of care and comparative effectiveness research studies with particular application to primary care, cardiovascular disease, HIV, and diabetes



Dr. Andrea Tinelli (<https://sciprofiles.com/profile/807217>)

Website (https://www.researchgate.net/profile/Andrea_Tinelli)

Editorial Board Member

1. Department of Obstetrics and Gynecology, "Veris delli Ponti" Hospital, 73020 Scorrano, Italy

2. Laboratory of Human Physiology, Phystech BioMed School, Faculty of Biological & Medical Physics, Moscow Institute of Physics and Technology, State University, Dolgoprudny, Moscow Region 141701, Russia

Interests: uterine fibroids; uterine myoma; reproductive surgery; pregnancy; delivery; cesarean cection

Special Issues, Collections and Topics in MDPI Journals



Dr. Eleonora Tobaldini (<https://sciprofiles.com/profile/577513>)

Website (<https://www.unimi.it/it/ugov/person/eleonora-tobaldini>)

Editorial Board Member

1. Department of Clinical Sciences and Community Health, The University of Milan, 20122 Milan, Italy

2. Department of Internal Medicine, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, 20122 Milan, Italy

Interests: autonomic nervous system; dysautonomia; sleep; syncope

Special Issues, Collections and Topics in MDPI Journals

Prof. Dr. Shilu Tong

★ (<https://recognition.webofscience.com/awards/highly-cited/2020/>) **Website** (<http://staff.qut.edu.au/staff/tong/>)

Editorial Board Member

1. Shanghai Children's Medical Center, Shanghai Jiao Tong University, Shanghai 200240, China

2. School of Public Health and Social Work, Queensland University of Technology, Brisbane City, QLD 4000, Australia

Interests: climate change; quantitative risk assessment; spatiotemporal modelling; sustainable development

Prof. Dr. Yiheng Tu (<https://sciprofiles.com/profile/2004565>)

Website (http://sourcedb.psych.cas.cn/cn/psychexpert/202011/t20201123_5772392.html)

Editorial Board Member

1. CAS Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing 100101, China

2. Department of Psychology, University of Chinese Academy of Sciences, Beijing 100049, China

Interests: neuromodulation; chronic pain; neuroimaging; biomedical signal processing

Special Issues, Collections and Topics in MDPI Journals



Dr. Tanvir Chowdhury Turin (<https://sciprofiles.com/profile/1298476>)

Website (<https://contacts.ucalgary.ca/info/chs/profiles/1-4841167>)

Editorial Board Member

Department of Family Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB T2N 1N4, Canada

Interests: health literacy; equity; community; immigrant; racialized; engagement



Prof. Dr. Izabella Uchmanowicz (<https://sciprofiles.com/profile/1802896>)

Website (<https://esc365.escardio.org/person/43336>)

Editorial Board Member

Department of Clinical Nursing, Faculty of Health Sciences, Wrocław Medical University, 50-367 Wrocław, Poland

Interests: heart failure; frailty syndrome; self care

Special Issues, Collections and Topics in MDPI Journals



Dr. Salvatore Vaccarella (<https://sciprofiles.com/profile/2434050>)

Website (https://www.iarc.who.int/staff_member/salvatore-vaccarella/)

Editorial Board Member

Section of Cancer Surveillance, International Agency for Research on Cancer (IARC), 69372 Lyon, France

Interests: global transitions and trends in cancer; cancer inequalities; overdiagnosis of cancer; global health; epidemiology



Dr. Ludovic G. P. M. Van Amelsvoort (<https://sciprofiles.com/profile/2558910>)

Website (<https://www.maastrichtuniversity.nl/lgpm.vanamelsvoort>)

Editorial Board Member

Department of Epidemiology, School for Public Health and Primary Care (CAPHRI), Maastricht University, 6211 LK Maastricht, The Netherlands

Interests: epidemiology; occupational health; labour participation; epidemiological research methods; clinical epidemiology



Dr. Fernanda Velluzzi (<https://sciprofiles.com/profile/1581274>)

Website (https://www.unica.it/unica/page/it/fernanda_velluzzi)

Editorial Board Member

Endocrinology, and Obesity Unit, Department of Medical Sciences and Public Health, University of Cagliari, 09124 Cagliari, Italy

Interests: obesity; metabolic diseases; nutrition; mediterranean diet; healthy diet; physical activity; lifestyle; state of health; healthy aging; gut microbiota

Special Issues, Collections and Topics in MDPI Journals



Prof. Dr. Hui Wang

Website (<http://zh.ujn.edu.cn/info/1114/5584.htm>)

Editorial Board Member

School of Water Conservancy and Environment, University of Jinan, Jinan 250022, China

Interests: soil ecology; environmental effects of emerging pollutants

Special Issues, Collections and Topics in MDPI Journals



Prof. Dr. Craig Williams (<https://sciprofiles.com/profile/976657>)

Website (<http://people.unisa.edu.au/craig.williams>)

Editorial Board Member

School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, SA 5001, Australia

Interests: medical entomology; mosquito-borne diseases; public health; citizen science

Special Issues, Collections and Topics in MDPI journals

Dr. Dingde Xu (<https://sciprofiles.com/profile/496138>)

Website (<http://yzb.sicau.edu.cn/dscx/dspc.aspx?gzbh=14307>)

Editorial Board Member

Sichuan Center for Rural Development Research, College of Management, Sichuan Agricultural University, 211 Huimin Road, Wenjiang District, Chengdu 611130, China

Interests: land use policy; sustainable livelihoods and poverty; emergency management; rural sustainable development; climate change and behavioral response; resources and environment policy; policy evaluation; rural revitalization

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Tatsuo Yamamoto (<https://sciprofiles.com/profile/1648622>)

Website (<http://www.labs.kdu.ac.jp/yakaishika/staff.html>)

Editorial Board Member

Department of Dental Sociology, Kanagawa Dental University, Yokosuka 238-8580, Japan

Interests: oral health; dental epidemiology; dental public health; prevention of periodontal disease; prevention of dental caries; social determinants of health; health inequality; evidence-based dentistry

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Chunping Yang (<https://sciprofiles.com/profile/526468>)

Website (<http://ee.hnu.edu.cn/info/1007/26629.htm>)

Editorial Board Member

1. School of Environmental Science and Engineering, Guangdong University of Petrochemical Technology, Maoming 525000, China

2. College of Environmental Science and Engineering, Hunan University, Changsha 410082, China

Interests: advanced oxidation; alga; biofiltration; biosorption; duckweed; oxidative desulfurization; photocatalysis; surfactant; swine wastewater; volatile organic compound

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Yang Yang (<https://sciprofiles.com/profile/1960044>)

Website (https://faculty.nuist.edu.cn/yang_yang/zh_CN/index.htm)

Editorial Board Member

School of Environmental Science and Engineering, Nanjing University of Information Science & Technology, Nanjing 210044, China

Interests: air pollution; atmospheric environment; climate change; source attribution of air pollutants; aerosol-climate interactions



Dr. Hui Yin (<https://sciprofiles.com/profile/2672661>)

Website (https://faculty.hzau.edu.cn/yinhui/zh_CN/index.htm)

Editorial Board Member

College of Resources and Environment, Huazhong Agricultural University, Wuhan 430070, China

Interests: environmental chemistry; soil chemistry; elemental cycling; heavy metal pollution; organic pollutants; synchrotron-based techniques; non-traditional stable isotopes



Prof. Dr. Danlin Yu (<https://sciprofiles.com/profile/662650>)

Website (https://www.montclair.edu/profilepages/view_profile.php?username=yud)

Editorial Board Member

Department of Earth and Environmental Studies, Montclair State University, Montclair, NJ 07043, USA

Interests: urban environmental studies; urban public health; GIS/remote sensing; spatiotemporal data analysis

Special Issues, Collections and Topics in MDPI journals



Dr. Huiping Zeng

Website (<https://facte.bjut.edu.cn/info/1174/1868.htm>)

Editorial Board Member

Key Laboratory of Water Quality Science and Water Environment Recovery Engineering, Beijing University of Technology, Beijing 100124, China

Interests: iron and manganese removal; arsenic removal; bio-filtration; adsorption; iron-based adsorbent; organic matter removal; anammox; aerobic granular sludge; phosphorus removal; anaerobic digestion

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Chi Zhang (<https://sciprofiles.com/profile/270196>)

Website (<https://zyhj.lyu.edu.cn/2019/0907/c3093a146888/page.htm>)

Editorial Board Member

1. Research Center for Ecology and Environment of Central Asia, Chinese Academy of Sciences, Urumqi 830011, China

2. State Key Laboratory of Desert and Oasis Ecology, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, Urumqi 830011, China

3. Shandong Provincial Key Laboratory of Water and Soil Conservation and Environmental Protection, College of Resources and Environment, Linyi University, Linyi 270600, China

Interests: carbon cycle; urban ecosystem; temperate desert; climate change; land-use change; machine learning; ecological modelling

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Zuo-Feng Zhang (<https://sciprofiles.com/profile/746329>)

Website (<https://ph.ucla.edu/about/faculty-staff-directory/zuo-feng-zhang>)

Editorial Board Member

Department of Epidemiology, Fielding School of Public Health, University of California at Los Angeles (UCLA), Los Angeles, CA 90095, USA

Interests: nutrition and cancer; epidemiology of second primary cancer; methodological issues in the use of tumor markers in cancer epidemiology; and progression and survival of cancer



Prof. Dr. Tao Zhou (<https://sciprofiles.com/profile/2409557>)

Website (<http://ese.hust.edu.cn/info/1233/3962.htm>)

Editorial Board Member

1. School of Environmental Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

2. Key Laboratory of Water and Wastewater Treatment (HUST), MOHURD, Wuhan 430074, China

Interests: wastewater treatment; pollution control; soil remediation



Prof. Dr. Xiaoshan Zhu (<https://sciprofiles.com/profile/2789178>)

Website (<https://hd.hainanu.edu.cn/sthj/info/1105/2746.htm>)

Editorial Board Member

College of Ecology and Environment, Hainan University, Haikou 570228, Hainan, China

Interests: marine ecotoxicology; emerging contaminants (microparticle, nanoparticle and so on); bioaccumulation; food chain transfer; blue carbon; global change biology



Dr. Ying Zhu (<https://sciprofiles.com/profile/1711499>)

Website (<https://ese.sjtu.edu.cn/en/faculty/view/111>)

Editorial Board Member

School of Environmental Science and Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

Interests: emissions of contaminants and impact factors; environmental fate and exposure modeling of emerging and persistent organic chemicals; environmental and human health risks

Special Issues, Collections and Topics in MDPI journals



Dr. Amanda Rodrigues Amorim Adegboye (<https://sciprofiles.com/profile/751584>)

Website (<https://pureportal.coventry.ac.uk/en/persons/amanda-r-a-adegboye>)

Section Board Member

Centre for Agroecology, Water and Resilience (CAWR) & Centre for Healthcare Research (CHR), Coventry University, Coventry CV8 3LG, UK

Interests: nutrition; maternal and women's health; health inequality; equity and diversity; obesity; dairy intake; gestational outcomes; chronic diseases; oral health

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. John Adgate (<https://sciprofiles.com/profile/488073>)

Website (<https://profiles.ucdenver.edu/display/226192>)

Section Board Member

Department of Environmental and Occupational Health, Colorado School of Public Health, University of Colorado, Anschutz Medical Campus, 13001 E 17th Place, Campus Box B119, Aurora, CO 80045, USA

Interests: exposure science; air pollution; impacts of oil and gas development

Dr. Atin Adhikari (<https://sciprofiles.com/profile/491767>)

Website (https://www.researchgate.net/profile/Atin_Adhikari)

Section Board Member

Department of Biostatistics, Epidemiology & Environmental Health Sciences, Jiann-Ping Hsu College of Public Health, Georgia Southern University, Statesboro, GA 30458, USA

Interests: air quality; bioaerosols; environmental health; environmental epidemiology; microbial disinfection methods

Special Issues, Collections and Topics in MDPI journals

Dr. Walter Adriani (<https://sciprofiles.com/profile/1127273>)

Website (<https://loop.frontiersin.org/people/138779/overview>)

Section Board Member

Center for Behavioral Sciences and Mental Health, Istituto Superiore di Sanità, Rome, Italy

Interests: behavioral addictions; animal models; dopamine; behavioral (epi)genetics; ADHD



Prof. Dr. José Carmelo Adsuar Sala (<https://sciprofiles.com/profile/802452>)

Website (<https://www.researchgate.net/profile/Jose-Adsuar>)

Section Board Member

Faculty of Sport Science, University of Extremadura, 10003 Cáceres, Spain

Interests: health-related quality of life; health promotion; health education; physical and sports activities as a strategy to promote a healthy society; physical activity interventions; exercise training physical exercise; physical health; assessment of physical capacity; health; quality of life in groups of subjects and active lifestyle (elderly; children, type 2 diabetes, Parkinson's, etc.); balance and muscle strength; rehabilitation; osteoporosis; fall prevention; validity and reliability of physical fitness testing; active tourism; outdoor behavioral healthcare; wilderness therapy; forest bathing; shinrin-yoku

Special Issues, Collections and Topics in MDPI journals



Dr. Kingsley Agho

Website (https://www.westernsydney.edu.au/staff_profiles/WSU/associate_professor_kingsley_ago)

Section Board Member

School of Science and Health, University of Western Sydney, Penrith, NSW 2751, Australia

Interests: biostatistics; demographic statistics; international public health; maternal and child health; epidemiology



Prof. Dr. Antonella Agodi (<https://sciprofiles.com/profile/405254>)

Website (<http://www.gfingrassia.unict.it/docenti/antonella.agodi>)

Section Board Member

Department of Medical and Surgical Sciences and Advanced Technologies "G.F. Ingrassia", University of Catania, 95123 Catania, Italy

Interests: public health; epidemiology and prevention; nutritional epidemiology; molecular epidemiology; epigenetics; genomics; healthcare-associated infections

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Tetsuro Agusa

Website (https://jglobal.jst.go.jp/en/detail?JGLOBAL_ID=200901077291013814)

Section Board Member

Faculty of Environmental and Symbiotic Sciences, Prefectural University of Kumamoto, Kumamoto 862-8502, Japan

Interests: heavy metals; trace elements; arsenic; environmental pollution; human health effect; genetic susceptibility of chemicals

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Limor Aharonson-Daniel (<https://sciprofiles.com/profile/1828420>)

Website (<https://cris.bgu.ac.il/en/persons/limor-aharonson-daniel>)

Section Board Member

1. School of Public Health, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva 8410501, Israel

2. PREPARED Center for Emergency Response Research, Ben-Gurion University of the Negev, Beer Sheva 8410501, Israel

Interests: disasters and emergency management; injury and disaster epidemiology; community resilience



Prof. Dr. Brad Aisbett (<https://sciprofiles.com/profile/235410>)

Website (https://www.deakin.edu.au/about-deakin/people/brad-aisbett#tab_1-2)

Section Board Member

School of Exercise and Nutrition Sciences, Institute for Physical Activity and Nutrition (IPAN), Deakin University, Burwood, VIC 3125, Australia

Interests: physical work demands; workers' heat stress and hydration stress; sleep and fatigue; development of job specific fitness tests



Prof. Sumio Akifusa (<https://sciprofiles.com/profile/640853>)

Website1 (https://www.kyu-dent.ac.jp/research/lecture/oral_support) **Website2** (<https://nrid.nii.ac.jp/ja/nrid/1000040295861/>)

Section Board Member

School of Oral Health Sciences, Faculty of Dentistry, Kyushu Dental University, Kitakyushu 803-8580, Japan

Interests: oral care; education for dental hygienist and oral hygiene student; gerodontology; oral functions; swallowing function in older adults

Prof. Dr. Roberto Albera

Website (<https://medchirurgia.campusnet.unito.it/do/docenti.pl?Alias?roberto.albera#profilo>)

Section Board Member

Department of Surgical Sciences, University of Turin, 10126 Turin, Italy

Interests: audiology; ear surgery; vertigo



Dr. Giancarla Alberti (<https://sciprofiles.com/profile/1068770>)

Website (<http://chimica.unipv.eu/site/home/persona/scheda700003441.html>)

Section Board Member
Department of Chemistry, University of Pavia, 27100 Pavia, Italy

Interests: molecularly imprinted polymers; solid sorbents; colourimetric sensors; ion and chelating resins; electroanalytical techniques; metal ions complexes
Special Issues, Collections and Topics in MDPI journals



Dr. Francesco Aletta (<https://sciprofiles.com/profile/174368>)
Website (<https://iris.ucl.ac.uk/iris/browse/profile?upi=FALET55>)

Section Board Member
UCL Institute for Environmental Design and Engineering, Bartlett School of Environment, Energy and Resources, University College London, London WC1H 0NN, UK

Interests: environmental acoustics; soundscape; community noise; noise annoyance; urban planning; environmental design; environmental assessment; landscape design

Special Issues, Collections and Topics in MDPI journals



Dr. Evangelos C. Alexopoulos (<https://sciprofiles.com/profile/9295>)
Website (<https://www.researchgate.net/profile/Evangelos-Alexopoulos-2>)

Section Board Member
Alexopoulos Evangelos Medical PC, Ellispontou 11, 156 69 Athens, Greece

Interests: occupational stress; employee wellbeing; ESG activities; occupational medicine; stress management; environmental health; preventive medicine; health promotion

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Muktar Aliyu (<https://sciprofiles.com/profile/930430>)
Website (<https://wag.app.vanderbilt.edu/PublicPage/Faculty/Details/35630>)

Section Board Member
Department of Health Policy, Vanderbilt Institute for Global Health, Vanderbilt University School of Medicine, Nashville, TN 37232, USA

Interests: global health policy; implementation science; HIV/AIDS



Prof. Dr. François Alla (<https://sciprofiles.com/profile/955957>)
Website (https://www.researchgate.net/profile/Francois_Alla)

Section Board Member
1. Department of Methodology and Innovation in Prevention, Bordeaux University Hospital, 33000 Bordeaux, France
2. Inserm UMR 1219-Bordeaux Population Health, University of Bordeaux, 33000 Bordeaux, France

Interests: public health; health policy; health promotion; prevention; complex interventions; health services research

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Karel Allegaert (<https://sciprofiles.com/profile/614457>)
Website (<https://www.kuleuven.be/wieiswie/en/person/00046648>)

Section Board Member
1. Department of Development and Regeneration, KU Leuven, Leuven, Belgium
2. Department of Pharmaceutical and Pharmacological Sciences, KU Leuven, Leuven, Belgium
3. Department of Clinical Pharmacy, Erasmus Medical Center, Rotterdam, The Netherlands

Interests: perinatal pharmacology; neonatal clinical pharmacology; PBPK in special populations; newborn; infant; lactation

Special Issues, Collections and Topics in MDPI journals

Dr. Elizabeth M. Allen (<https://sciprofiles.com/profile/1742296>)
Website (<https://www.stkate.edu/faculty/elizabeth-m-allen-phd-mpH>)

Section Board Member
Department of Public Health, St. Catherine University, 2004 Randolph Ave., St. Paul, MN 55105, USA
Interests: environmental health; global health; social justice education; women's empowerment; impact of the environment of social, emotional, and physical health; environmental epidemiology



Dr. Karina Allen
Website (<https://freedfromed.co.uk/staff/karina-allen>)

Section Board Member
Institute of Psychiatry, Psychology and Neuroscience, King's College London, London WC2R 2LS, UK

Interests: early intervention for eating disorders

Special Issues, Collections and Topics in MDPI journals



Dr. Ana Catarina Almeida Sousa (<https://sciprofiles.com/profile/56854>)
Website (<http://www.ciceco.ua.pt/anasousa>)

Section Board Member
CICECO-Aveiro Institute of Materials, Department of Chemistry, Universidade de Aveiro, 3810-193 Aveiro, Portugal

Interests: endocrine disrupting chemicals; human exposure pathways; indoor environment; obesogens

Special Issues, Collections and Topics in MDPI journals

Dr. Maria-del-Mar Alonso-Almeida (<https://sciprofiles.com/profile/172777>)
Website (<https://raed.academy/en/academicians/dr-maria-del-mar-alonso-almeida/>)

Section Board Member
Department of Business Organization, Faculty of Economic and Business Sciences, Universidad Autónoma de Madrid, 28049 Madrid, Spain

Interests: circular economy; circular tourism; circular city; crisis management; crisis response strategies; global mobility; community resilience; tourism resilience; cities resilience; crisis economics; pandemic economics; sharing economy; sustainable mobility; people mobility

Special Issues, Collections and Topics in MDPI journals



Dr. Teatske Altenburg
Website (<https://research.vumc.nl/en/persons/teatske-altenburg>)

Section Board Member
Department of Public and Occupational Health, Amsterdam Public Health, Amsterdam UMC, Vrije Universiteit Amsterdam, de Boelelaan 1117, 1081 BT Amsterdam, The Netherlands

Interests: physical activity; sedentary behavior; child and adolescent public health; participatory research; determinants; measurement



Dr. Toni Alterman (<https://sciprofiles.com/profile/574294>)
Website (<https://www.researchgate.net/profile/Toni-Alterman>)

Section Board Member
National Institute for Occupational Safety and Health, CDC, (MS-R17), 1090 Tusculum Ave, Cincinnati, OH 45226, USA

Interests: psychiatric epidemiology; mental health; work organization; workplace psychosocial factors; occupational health

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Emma Altobelli (<https://sciprofiles.com/profile/242452>)
Website (<https://mesva.univaq.it/?q=docenti/scheda/Altobelli%20Emma>)

Section Board Member
Department of Life, Public Health and Environmental Sciences, University of L'Aquila, 67100 L'Aquila, Italy

Interests: epidemiology; public health; screening; preventive medicine



Dr. Mary Anne Amalaradjou (<https://sciprofiles.com/profile/72614>)
Website (<https://chip.uconn.edu/person/mary-anne-amalaradjou-phd-dvm/>)

Section Board Member

Department of Animal Science, University of Connecticut, Storrs, CT 06269, USA

Interests: food safety; gut health; public health; controlling pathogens in food systems; understanding pathogen survival and persistence along the food chain, their virulence attributes and the application of probiotics to control foodborne pathogens; the efficacy of currently applied intervention (hurdle) technologies to reduce pathogen transmission during pre- and post-harvest processing of fresh produce, meat and dairy products; food safety and food preservation technologies; functional foods in the prevention and treatment of gut pathologies; elucidating the molecular cross talk between diet, microbiome and host on all levels of regulation namely, genes, proteins and metabolites; developing evidence-based dietary interventions for restoring health and preventing chronic pathologies



Dr. Marcel Amichot (<https://sciprofiles.com/profile/1619368>)

Website (https://www6.paca.inra.fr/institut-sophia-agrobiotech_eng/Research-teams/BES/Team-members/AMICHOT-Marcel)

Section Board Member

Institut Sophia-Agrobiotech Inra PACA, 06903 Sophia-Antipolis, France

Interests: ecotoxicology; biocontrol; insecticide; fitness; resistance; genetics



Dr. Emanuela Anastasi (<https://sciprofiles.com/profile/2972>)

Website (<https://www.researchgate.net/profile/Emanuela-Anastasi>)

Section Board Member

Department of Experimental Medicine, Sapienza University of Rome, 00166 Rome, Italy

Interests: tumor markers; circulating biomarkers; ovarian cancer; pancreatic cancer; cancer biology; cancer diagnostics



Prof. Dr. Roberta Andreoli (<https://sciprofiles.com/profile/199598>)

Website (<https://www.unipr.it/ugov/person/16748>)

Section Board Member

Department of Medicine and Surgery, Center for Research in Toxicology (CERT), University of Parma, 43126 Parma, Italy

Interests: occupational medicine; public health; oxidative stress; occupational toxicology; biological monitoring; biomarkers of exposure and of effect; occupational risk assessment; analytical chemistry; mass spectrometry



Dr. Karl Andriessen (<https://sciprofiles.com/profile/573776>)

Website (<https://findanexpert.unimelb.edu.au/profile/826720-karl-andriessen>)

Section Board Member

Centre for Mental Health, School of Population and Global Health, The University of Melbourne, Parkville, VIC 3010, Australia

Interests: bereavement; grief; mental health; postvention; suicide; suicide prevention; traumatic death

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Viney Aneja (<https://sciprofiles.com/profile/40790>)

Website (<https://meas.sciences.ncsu.edu/people/vpajaneja/>)

Section Board Member

Department of Marine, Earth, and Atmospheric Sciences, North Carolina State University, Raleigh, NC 27695, USA

Interests: air quality; atmospheric chemistry; and climate change emission; transformation, transport and fate of pollutants; agricultural air quality; climate change; satellite remote sensing of air quality; wildfire emissions and transport; and biogeochemical cycling of pollutants

Prof. Dr. Rosa Angela Fabio (<https://sciprofiles.com/profile/957032>)

Website (<https://www.unime.it/it/persona/rosa-angela-fabio/curriculum>)

Section Board Member

Department of Economy, University of Messina, 98122 Messina, Italy

Interests: attention; ADHD; Rett syndrome; giftedness; intelligence; cognition; cognitive rehabilitation; cognitive empowerment; peace; psychometry; new technologies

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Italo Francesco Angelillo (<https://sciprofiles.com/profile/609017>)

Website (<http://www.medicinasperimentale.unina2.it/dipartimento/organizzazione/direttore>)

Section Board Member

Department of Experimental Medicine, Università degli Studi della Campania Luigi Vanvitelli, 80138 Naples, Italy

Interests: public health; epidemiology and prevention; health services research; healthcare associated infections; infectious disease epidemiology; vaccination and immunization

Special Issues, Collections and Topics in MDPI journals



Dr. Ludwig Apers

Website ([https://pure.itg.be/en/persons/ludwig-apers\(4e63ddb9-15ce-4d57-8a50-c18053119cf9\).html](https://pure.itg.be/en/persons/ludwig-apers(4e63ddb9-15ce-4d57-8a50-c18053119cf9).html))

Section Board Member

Prins Leopold Instituut voor Tropische Geneeskunde, 2000 Antwerpen, Belgium

Interests: public (eco-)health; HIV/STI; infectious diseases; epidemiology; climate change and vector born diseases



Prof. Dr. Carmine Apollaro (<https://sciprofiles.com/profile/658677>)

Website (https://www.unical.it/portale/strutture/dipartimenti_240/dibest/docenti/apollaro/)

Section Board Member

Department of Biology, Ecology and Earth Sciences (DIBEST), University of Calabria (UniCAL), 87036 Arcavacata di Rende, CS, Italy

Interests: water quality; water-rock interaction; soil pollution; heavy metals

Special Issues, Collections and Topics in MDPI journals



Dr. Allison A. Appleton (<https://sciprofiles.com/profile/1591545>)

Website (<https://www.albany.edu/sph/faculty/allison-appleton>)

Section Board Member

Department of Epidemiology and Biostatistics, School of Public Health, University at Albany, 1 University Place, Rensselaer, NY 12144, USA

Interests: social determinants of health; environmental exposures; maternal and child health; cardiovascular health; epigenetics



Prof. Dr. Juan Carlos Arango-Lasprilla (<https://sciprofiles.com/profile/987296>)

Website (<https://neuropsychologylearning.com/wp-content/uploads/CV-Juan-Carlos-Lasprilla.pdf>)

Section Board Member

1. Biocruces Bizkaia Health Research Institute, 48903 Barakaldo, Spain

2. IKERBASQUE, Basque Foundation for Science, 48009 Bilbao, Spain

Interests: traumatic brain injury; spinal cord injury; rehabilitation; neuropsychology; caregivers and family issues



Prof. Dr. Duarte Araújo (<https://sciprofiles.com/profile/1241090>)

Website (<https://www.fmh.ulisboa.pt/corpo-docente/38-duarte-fernando-da-rosa-belo-patronilho-de-araujo>)

Section Board Member

CIPER, Faculdade de Motricidade Humana, Universidade de Lisboa, 1495-688 Cruz Quebrada, Portugal

Interests: tactical behavior; performance analysis; sport; group coordination metrics



Dr. Giulio Arcangeli (<https://sciprofiles.com/profile/1111108>)

Website (<https://www.unifi.it/p-doc2-2017-0-A-2b33392f342f-0.html>)

Section Board Member

Department of Experimental and Clinical Medicine, University of Florence, 50134 Florence, Italy

Interests: occupational medicine; occupational safety and health; organizational psychology; environmental exposure and health; ergonomics; work-related



Prof. Dr. Thomas A. Arcury (<https://sciprofiles.com/profile/239341>)
Website (<https://school.wakehealth.edu/Faculty/A/Thomas-A-Arcury>)

Section Board Member
Department of Family and Community Medicine, Wake Forest School of Medicine, Winston-Salem, NC 27157, USA
Interests: agriculture; transients and migrants; Hispanic Americans; agricultural workers' diseases; North Carolina

Dr. Olatunde Aremu (<https://sciprofiles.com/profile/1089595>)
Website (<https://www.bcu.ac.uk/health-sciences/about-us/staff-directory/olatunde-aremu>)

Section Board Member
Public and Community and Clinical Sciences, Birmingham City University, Birmingham B15 3TN, UK
Interests: health policy; health economics; economic evaluation; public health; health inequality; quantitative impact evaluation; healthcare utilization; international health
Special Issues, Collections and Topics in MDPI journals



Dr. Pietro Argurio (<https://sciprofiles.com/profile/159653>)
Website (https://www2.unical.it/portale/struttura/dipartimenti_240/fisica/personal_pages/pargurio/)

Section Board Member
Department of Environmental Engineering, University of Calabria, Via P. Bucci, 44/A, I-87036 Rende, CS, Italy
Interests: membrane processes coupled with specific interactions and photocatalytic membrane reactors in water treatment; catalytic and photocatalytic membrane reactors for partial oxidation or hydrogenation of organic molecules
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Judy Arnetz (<https://sciprofiles.com/profile/434683>)
Website (<https://chmfamilymedicine.msu.edu/people/judy-arnetz/>)

Section Board Member
College of Human Medicine, Department of Family Medicine, Michigan University, Grand Rapids, MI 49503, USA
Interests: health care work environment; workplace violence; work stress and performance; patient-centered care



Dr. Amit Arora (<https://sciprofiles.com/profile/322304>)
Website (https://www.westernsydney.edu.au/staff_profiles/WSU/associate_professor_amit_arora)

Section Board Member
Associate Professor, School of Health Sciences, Western Sydney University, Penrith, NSW 2751, Australia
Interests: maternal and child health; social determinants of health; health equity; health literacy; health promotion; life-course epidemiology; socio-economic inequality in health; non-communicable diseases; global health
Special Issues, Collections and Topics in MDPI journals



Dr. Juan Pedro Arrebola (<https://sciprofiles.com/profile/928479>)
Website (https://www.umh.es/contenido/Investigacion/persona_152240/datos_es.html)

Section Board Member
Departamento de Medicina Preventiva y Salud Pública, Universidad de Granada, 18071 Granada, Spain
Interests: environmental epidemiology; persistent organic pollutants; metals; emerging chemical contaminants; metabolic syndrome; cancer; metabolic and endocrine disruption
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Jamal Jokar Arsanjani (<https://sciprofiles.com/profile/238975>)
Website (<https://vbn.aau.dk/en/persons/137426#forskning>)

Section Board Member
Geoinformatics and Earth Observation Research Group, Department of Planning, Aalborg University Copenhagen, A.C., Copenhagen, Denmark
Interests: citizen observations; earth observation; geocomputation; GEO-artificial intelligence; data quality; environmental monitoring and assessment
Special Issues, Collections and Topics in MDPI journals

Dr. Lucia Artazcoz (<https://sciprofiles.com/profile/255465>)
Website (https://www.upf.edu/es/web/saludpublica/entry/-/-lartazco-aspb_cat/adscriccion/luc%C3%ADa-artazcoz)

Section Board Member
Public Health Agency of Barcelona, Department of Health Promotion, 08023 Barcelona, Spain
Interests: social inequalities in health; gender inequalities in health; working conditions; employment conditions; working time; work-related social inequalities in health
Special Issues, Collections and Topics in MDPI journals



Dr. Deborah Askew (<https://sciprofiles.com/profile/1355481>)
Website (<https://researchers.uq.edu.au/researcher/8143>)

Section Board Member
Faculty of Medicine, The University of Queensland, Brisbane, QLD 4072, Australia
Interests: indigenous health; primary health care; social determinants of health; equity



Prof. Dr. Thomas Astell-Burt (<https://sciprofiles.com/profile/217491>)
Website (https://scholars.uow.edu.au/display/thomas_astell-burt)

Section Board Member
Population Wellbeing and Environment Research Lab (PowerLab), School of Health and Society, Faculty of Arts, Humanities and Social Sciences, University of Wollongong, Wollongong, NSW 2522, Australia
Interests: population health; environmental data science; restorative environments; urban greening
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Todd Astorino (<https://sciprofiles.com/profile/772874>)
Website (<https://faculty.csusm.edu/tastorino/index.html>)

Section Board Member
Department of Kinesiology, California State University, San Marcos, CA 92096, USA
Interests: interval training; VO2max; metabolism; spinal cord injury



Prof. Dr. Henri-Jean Aubin (<https://sciprofiles.com/profile/1449136>)
Website (<http://cvscience.aviesan.fr/cv/1725/henri-jean-aubin>)

Section Board Member
Centre de Recherche en Épidémiologie et Santé des Populations (CESP), French Institute of Health and Medical Research (INSERM) U 1018, University Paris-Saclay, Hôpital Paul Brousse AP-HP, 94800 Villejuif, France
Interests: pharmacotherapy in substance use disorders; psychotherapy in substance use disorders; outcome measures in substance use disorders; harm reduction in substance use disorders; addictive and psychiatric comorbidities; suicidality in substance use disorders; COVID-19
Special Issues, Collections and Topics in MDPI journals



Dr. Pasquale Avino (<https://sciprofiles.com/profile/100494>)
Website (<http://docenti.unimol.it/index.php?u=avino>)

Section Board Member
Department of Agricultural, Environmental and Food Sciences (DIAAA), University of Molise, Via F. De Sanctis, I-86100 Campobasso, Italy
Interests: phthalates; bisphenol-A; plasticizers; microplastics; environment; human health; endocrine disruptors
Special Issues, Collections and Topics in MDPI journals

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Prof. Dr. Lisa B. Axe (<https://sciprofiles.com/profile/1456902>)

Website (<https://chemicaleng.njit.edu/faculty/axe>)

Section Board Member

Otto H. York Department of Chemical and Materials Engineering, New Jersey Institute of Technology, Newark, NJ 07102, USA
Interests: chemical and physical processes in environmental systems; water chemistry; treatment technology; reactive iron mineral coatings; manganese oxide coatings; contaminant distribution mechanisms



Dr. Sunday Azagba (<https://sciprofiles.com/profile/717514>)

Website (https://faculty.utah.edu/u6020179-Sunday_Thomas_Azagba/research/index.html)

Section Board Member

Ross and Carol Nese College of Nursing, Pennsylvania State University, PA 16802, USA

Interests: tobacco control policy; tobacco vaping; alcohol; marijuana; opioids; prescription drugs; policy; prevention science; health disparities; health policy; health services



Dr. John Babraj (<https://sciprofiles.com/profile/68680>)

Website (<https://rke.abertay.ac.uk/en/persons/john-a-babraj>)

Section Board Member

Division of Sports and Exercise Sciences, Abertay University, Dundee DD1 1HG, UK

Interests: ageing; metabolism; physical capacity; kinetics; modifiable disease risk

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Michela Baccini (<https://sciprofiles.com/profile/824294>)

Website (<https://www.unifi.it/p-doc2-2015-0-A-2c2a34293728-1.html>)

Section Board Member

Department of Statistics, Computer Science, Applications, University of Florence, 50121 Florence, Italy

Interests: biostatistics; environmental epidemiology; health impact assessment; meta-analysis



Prof. Dr. María Teresa Baeza-Romero

Website (<https://orcid.org/0000-0001-6891-4982>)

Section Board Member

Departamento Química-Física, Escuela de Ingeniería Industrial y Aeroespacial, Universidad de Castilla-La-Mancha (UCLM), 13071 Toledo, Spain

Interests: atmospheric chemistry; atmospheric pollution; laboratory studies; combustion chemistry; low-cost instrument



Prof. Dr. Bing Bai

Website (http://www.whrsm.cas.cn/sourcedb_whrsm_cas/zw/zjrck/201901/20190110_5226654.html)

Section Board Member

Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, Wuhan 430071, China

Interests: carbon neutrality (deep geothermal, CO₂ utilization and storage); ecological geotechnics (desertification and restoration)

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Xiaoyong Bai (<https://sciprofiles.com/profile/283252>)

Website (http://www.gyig.cas.cn/sourcedb_gyig_cas/zw/zjrck/201306/20130605_6260928.html)

Section Board Member

Research Center for Ecological Environment and Resource Utilization, Institute of Geochemistry, Chinese Academy of Sciences, Guiyang 550081, China

Interests: Karst; ecosystem services; soil erosion; environmental remote sensing; ecological restoration; climate change; carbon sink; ecotoxicology and risk

assessment; geochemistry; soil organic carbon

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Carlo Baldari (<https://sciprofiles.com/profile/732733>)

Website (<http://servizi.uniecampus.it/portale/schedadocente.aspx?docente=93721>)

Section Board Member

Faculty of Psychology, eCampus University, Novedrate, Como, Italy

Interests: physical fitness; athletic performance; physical activity and health; oxygen consumption



Dr. Sara Baldassano (<https://sciprofiles.com/profile/237012>)

Website (<https://www.unipa.it/persone/docenti/b/sara.baldassano>)

Section Board Member

Department of Biological, Chemical and Pharmaceutical Sciences and Technologies, University of Palermo, 90128 Palermo, Italy

Interests: human physiology; endocrinology; bone; aging/well-being; applied physiology; human nutrition; gastroenterology; obesity/diabetes; appetite

regulation; energy metabolism; biofortified food; micronutrients

Special Issues, Collections and Topics in MDPI journals



Dr. Cristian Balducci (<https://sciprofiles.com/profile/494947>)

Website (<https://www.unibo.it/sitoweb/cristian.balducci3/en>)

Section Board Member

Department of Psychology, University of Bologna, 40127 Bologna, Italy

Interests: workplace bullying; mobbing; workaholism; work addiction; work engagement; work-related stress; psychosocial factors at work; counterproductive work behavior

Special Issues, Collections and Topics in MDPI journals



Dr. Stefano Ballestri (<https://sciprofiles.com/profile/904423>)

Website (https://www.researchgate.net/profile/Stefano_Ballestri)

Section Board Member

Division of Internal Medicine, Hospital of Pavullo, 41126 Modena, Italy

Interests: epidemiology; pathogenesis; diagnosis and treatment of fatty liver (metabolic and viral); genetic determinants of fatty liver; metabolic syndrome;

insulin resistance; association between fatty liver, metabolic syndrome, diabetes and cardiovascular diseases; liver ultrasonography



Dr. Christopher Ballmann (<https://sciprofiles.com/profile/257384>)

Website (<https://www.samford.edu/healthprofessions/directory/Ballmann-Christopher>)

Section Board Member

School of Health Professions, Samford University, Birmingham, AL 35229, USA

Interests: exercise physiology; ergogenic aids; nutraceuticals; oxidative stress

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Giuseppe Banfi (<https://sciprofiles.com/profile/1007129>)

Website (<https://www.univr.it/docenti/b/banfi-giuseppe>)

Section Board Member

IRCCS Istituto Ortopedico Galeazzi, 20161 Milano, Italy

Interests: clinical laboratory; sport biochemistry; bone biochemistry; sport haematology



Dr. Maansi Bansal-Travers (<https://sciprofiles.com/profile/41155>)

★ <https://recognition.webofscience.com/awards/highly-cited/2021/> Website (<https://www.roswellpark.org/maansi-bansal-travers>)

Section Board Member

Department of Health Behavior, Roswell Park Comprehensive Cancer Center, Buffalo, NY 14263, USA

Interests: tobacco; smoking; communication; marketing; packaging; health warnings; electronic nicotine products; consumer perceptions; surveillance; point of sale

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Victoria Banyard (<https://sciprofiles.com/profile/1661246>)

Website (<https://socialwork.rutgers.edu/faculty-staff/victoria-banyard-0>)

Section Board Member

School of Social Work, Rutgers University, New Brunswick, NJ, USA

Interests: prevention; violence; resilience; relationship and sexual violence prevention; program evaluation



Prof. Dr. Yan-Ping Bao (<https://sciprofiles.com/profile/1075720>)

Website (<http://nidd.bjmu.edu.cn/szdw/203469.htm>)

Section Board Member

National Institute on Drug Dependence and Beijing Key Laboratory of Drug Dependence, Peking University, Beijing 100191, China

Interests: global burden disease and evidence-based prevention and intervention for drug abuse; related infectious diseases and mental illness among adolescents and community population



Dr. Franca Barbic (<https://sciprofiles.com/profile/487443>)

Website (<https://www.hunimed.eu/member/franca-barbic/>)

Section Board Member

1. Department of Biomedical Sciences, Humanitas University, 20090 Pieve Emanuele, Milan, Italy

2. Internal Medicine, Humanitas Clinical and Research Center - IRCCS, 20089 Rozzano, Milan, Italy

Interests: occupational and environmental health; cardiovascular autonomic nervous system and work ability; shift work; sleep disorders; syncope and orthostatic intolerance syndromes; heart rate, blood pressure and respiratory activity variability

Special Issues, Collections and Topics in MDPI journals



Dr. Noël Christopher Barengo (<https://sciprofiles.com/profile/70167>)

Website (<https://medicine.fiu.edu/about/faculty-and-staff/people/nbarengo.html>)

Section Board Member

1. Department of Translational Medicine, Herbert Wertheim College of Medicine, Florida International University, 11200 SW 8th Street, Miami, FL 33199, USA

2. Department of Health Policy & Management, Robert Stempel College of Public Health & Social Work, Florida International University, 11200 SW 8th Street, Miami, FL 33199, USA

3. Faculty of Medicine, Riga Stradiņš University, LV-1007 Riga, Latvia

Interests: diabetes prevention; diabetes epidemiology; public health; risk factors and lifestyle habits of chronic noncommunicable diseases; screening for type 2 diabetes; implementation science; dissemination science

Special Issues, Collections and Topics in MDPI journals



Dr. Annalisa Bargellini (<https://sciprofiles.com/profile/910580>)

Website (<http://personale.unimore.it/rubrica/dettaglio/bargellini>)

Section Board Member

Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Via Giuseppe Campi, 287, 41125 Modena, Italy

Interests: prevention and control of waterborne hospital-acquired infections; relationship between essential, non-essential and toxic elements and human health; food hygiene and nutrition; healthcare-associated infection prevention; patient fall risk prevention



Prof. Dr. Margo Barker (<https://sciprofiles.com/profile/733817>)

Website (<https://www.researchgate.net/profile/Margo-Barker>)

Section Board Member

Food and Nutrition Group, Department of Service Sector Management, Sheffield Business School, Sheffield Hallam University, Sheffield S1 1WB, UK

Interests: food choice; diet; nutrition; epidemiology; public health

Dr. Ross Barnett (<https://sciprofiles.com/profile/1951997>)

Website (<https://www.canterbury.ac.nz/science/schools-and-departments/earth-and-environment/research/health-and-well-being/>)

Section Board Member

Department of Earth and Environment, University of Canterbury, Private Bag 4800, Christchurch 8140, New Zealand

Interests: smoking; health behaviour; health inequalities; health service restructuring; environments and health

Dr. Kelly Glazer Baron (<https://sciprofiles.com/profile/1063722>)

Website (<https://healthcare.utah.edu/fad/mddetail.php?physicianID=u0184909>)

Section Board Member

Division of Public Health, Department of Family and Preventive Medicine, The University of Utah, Salt Lake City, UT 84112, USA

Interests: health psychology; sleep apnea; sleep disorders; social environment; circadian rhythms; polysomnography; sleep medicine



Prof. Dr. Frank C. Barone

Website (<https://www.downstate.edu/faculty/neurology/research/barone.html>)

Section Board Member

Department of Neurology, SUNY Downstate Health Sciences University, Brooklyn, NY 11203, USA

Interests: cerebrovascular disease; stroke; Alzheimer's disease; cognitive impairment; dementia



Dr. Cristina S. Barroso (<https://sciprofiles.com/profile/839949>)

Website (<https://nursing.utk.edu/faculty/cristina-barroso/>)

Section Board Member

Director of the Undergraduate Public Health Minor, Department of Public Health, University of Tennessee, Knoxville, TN 37996, USA

Interests: childhood obesity; healthy eating; active living; body image

Special Issues, Collections and Topics in MDPI journals

Dr. Francesco Bartoli (<https://sciprofiles.com/profile/243375>)

Website (<https://www.unimib.it/francesco-bartoli>)

Section Board Member

Department of Medicine and Surgery, University of Milano Bicocca, 20900 Monza, Italy

Interests: psychiatry; psychiatric epidemiology; clinical psychopharmacology; precision psychiatry

Special Issues, Collections and Topics in MDPI journals



Dr. Georgios Bartzas (<https://sciprofiles.com/profile/419971>)

Website1 (http://eng.metal.ntua.gr/?team_member=george_bartzas) Website2 (<https://orcid.org/0000-0003-0035-9075>)

Section Board Member

School of Mining and Metallurgical Engineering, National Technical University of Athens, 15780 Athens, Greece

Interests: waste management; environmental metallurgy; environmental monitoring and risk assessment; life cycle analysis; soil and groundwater decontamination; geochemical/thermodynamic modelling; environmental economics

Special Issues, Collections and Topics in MDPI journals



Dr. Giorgio Basile (<https://sciprofiles.com/profile/1514248>)

Website (<https://www.unime.it/it/persona/giorgio-basile-0>)

Section Board Member
School of Geriatrics, Department of Clinical and Experimental Medicine, University of Messina, Messina, Italy
Interests: aging; frailty; cognitive impairment



Dr. Arpita Basu (<https://sciprofiles.com/profile/153599>)
Website (<https://www.unlv.edu/people/arpita-basu>)

Section Board Member
Department of Kinesiology and Nutrition Sciences, School of Integrated Health Sciences, University of Nevada Las Vegas, 4505 S., Maryland Parkway, Box 453034, Las Vegas, NV 89154-3034, USA

Interests: dietary bioactive compounds; diabetes; inflammation; dietary patterns
Special Issues, Collections and Topics in MDPI journals

Dr. Jayasree (Joy) Basu (<https://sciprofiles.com/profile/1932250>)
Website (<https://www.researchgate.net/profile/Jayasree-Basu>)

Section Board Member
1. Independent Researcher, Rockville, MD 20855, USA
2. Previously affiliated with US Department of Health and Human Services, Agency for Healthcare Research and Quality, Rockville, MA 20857, USA
3. Previously affiliated with US Department of Health and Human Services, Center for Medicare and Medicaid Services, Baltimore, MD 21244, USA
4. Previously affiliated with Maryland Health Resources Planning Commission, Baltimore, MD 21215, USA

Interests: health services research focusing on health care access and disparities; multiple chronic conditions; preventable hospital readmissions; primary care; health insurance
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Niladri Basu (<https://sciprofiles.com/profile/113206>)
Website (<https://www.mcgill.ca/nrs/academic-0/basu>)

Section Board Member
Faculty of Agricultural and Environmental Sciences, McGill University, Montréal, QC H9X 3V9, Canada
Interests: environmental health; environmental toxicology; ecotoxicology; global health; exposure science; risk assessment
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Fortunato Battaglia (<https://sciprofiles.com/profile/498071>)
Website (<https://www.hmsom.org/academic-departments/faculty/fortunato-battaglia/>)

Section Board Member
Department of Medical Sciences and Neurology, Hackensack Meridian School of Medicine at Seton Hall University, Nutley, NJ 07110, USA
Interests: transcranial magnetic stimulation; EEG; depression; anxiety; stress; medical education; plasticity; aging; exercise; wellness



Dr. Jill Baumgartner
Website (<https://www.mcgill.ca/epi-biostat-occh/jill-baumgartner>)

Section Board Member
Institute for Health & Social Policy, Department of Epidemiology, Biostatistics & Occupational Health, McGill University, 1130 Pine Avenue W, Montreal, QC H3A 1A3, Canada

Interests: cardiovascular disease; environmental health; epidemiology; exposure assessment; household air pollution; pollution composition and health and rural energy interventions
Special Issues, Collections and Topics in MDPI journals



Dr. Alberto Bazzocchi (<https://sciprofiles.com/profile/681060>)
Website (<http://www.ior.it/curarsi-al-rizzoli/dr-alberto-bazzocchi>)

Section Board Member

The Rizzoli Orthopaedic Institute, 40136 Bologna, Italy
Interests: imaging, diagnostic and interventional radiology; musculoskeletal diseases



Dr. Silvia Becagli (<https://sciprofiles.com/profile/521520>)
Website (<https://www2.chim.unifi.it/cercachi-per-4502.html>)

Section Board Member
Department of Chemistry "Ugo Schiff", University of Florence, 50019 Florence, Italy
Interests: environmental analytical chemistry; aerosol composition; chemical markers in snow and ice; metals in sea water; remote environments; polar regions; environmental pollution (atmosphere, snow, sea water)



Dr. Angela Bechini (<https://sciprofiles.com/profile/931728>)
Website (<https://www.unifi.it/p-doc2-2013-000000-B-3f2b3429393031.html>)

Section Board Member
Department of Health Sciences, University of Florence, 50134 Florence, Italy
Interests: epidemiology and prevention of infectious diseases; surveillance of infectious diseases; seroepidemiology studies of vaccine-preventable infectious diseases; impact assessment of vaccination strategies in the general population and risk groups (healthcare workers, pregnant women, diabetic patients, asplenic patients, adolescents)
Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Elisardo Becoña Iglesias (<https://sciprofiles.com/profile/1001580>)
Website (<https://www.usc.gal/es/departamento/psicologia-clinica-psicobiologia/directorio/elisardo-becona-iglesias-1218>)

Section Board Member
Departamento de Psicología Clínica y Psicobiología, Universidad de Santiago de Compostela, 15782 Santiago de Compostela, Spain
Interests: smoking cessation; addiction; cognitive-behavioral treatment; prevention; alcohol; marijuana; cocaine; pathological gambling



Dr. Katy J. L. Bell (<https://sciprofiles.com/profile/2508173>)
Website (<https://www.sydney.edu.au/medicine-health/about/our-people/academic-staff/katy-bell.html#collapseprofilekeywords>)

Section Board Member
Sydney School of Public Health, Faculty of Medicine and Health, University of Sydney, Sydney 2006, Australia
Interests: evidence-based health policy; decarbonisation of health care; clinical epidemiology; health services research; health technology assessment; screening and diagnostic test evaluation; medical overuse; overdiagnosis



Dr. Simon Bell (<https://sciprofiles.com/profile/2227784>)
Website (<https://www.eca.ed.ac.uk/profile/dr-simon-bell>)

Section Board Member
1. Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51006 Tartu, Estonia
2. Edinburgh School of Architecture and Landscape Architecture, Edinburgh College of Art, University of Edinburgh, 74 Lauriston Place, Edinburgh EH3 9DF, UK
Interests: landscape and health; blue and green infrastructure; forests



Dr. Francesco Bellanti (<https://sciprofiles.com/profile/602870>)
Website (<https://www.unifg.it/ugov/person/3397>)

Section Board Member
Department of Medical and Surgical Sciences, Institute of Internal Medicine, University of Foggia, 71029 Foggia, Italy
Interests: redox biology; mitochondria; senescence; translational research; stem cells



Prof. Dr. Jack R. Bend (<https://sciprofiles.com/profile/480083>)

Website (http://www.schulich.uwo.ca/pathol/people/bios/faculty/bend_john.html)

Section Board Member

Department of Laboratory Medicine and Pathology, Schulich School of Medicine & Dentistry, Western University, London, ON N6G 2V4, Canada

Interests: one health (ecosystem health) research in partnership with First Nations in Canada; food chain integrity, food and water safety; mechanisms of toxicity of endogenous and exogenous compounds that occur as environmental and food contaminants; human toxicity of many classes of environmental contaminants including polycyclic hydrocarbons, chlorinated hydrocarbons (dioxins, furans, PCBs), metals and metalloids, pesticides, and intermediary metabolites of plants and microorganisms; environmental toxicology; toxication and detoxication mechanisms; associations between psychosocial stress, environmental contamination and chronic disease, particularly in marginalized communities

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Stephan Bender (<https://sciprofiles.com/profile/2255568>)

Website (<https://kinder-jugendpsychiatrie.uk-koeln.de/klinik/direktor-team/>)

Section Board Member

Department of Child and Adolescent Psychiatry Psychosomatic and Psychotherapy, University Hospital of Cologne, 50937 Cologne, Germany

Interests: child and adolescent mental health; pandemic measures; surveillance; psychotherapy; telemedicine; depression; non-invasive brain stimulation; clinical neurophysiology

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Maria José Benito (<https://sciprofiles.com/profile/485213>)

Website (<http://orcid.org/0000-0001-8432-8035>)

Section Board Member

Nutrición y Bromatología, Escuela de Ingenierías Agrarias, Universidad de Extremadura, Avd. Adolfo Suárez s/n, 06007 Badajoz, Spain

Interests: food microbiology; beneficial microbes; natural bioactive compounds; prebiotic; food safety; proteins; enzymes; food quality

Special Issues, Collections and Topics in MDPI journals



Dr. Eric Benotsch

Website (<https://psychology.vcu.edu/people/faculty/benotsch.html>)

Section Board Member

Department of Psychology, Virginia Commonwealth University, White House, 806 West Franklin Street, Richmond, VA 23284, USA

Interests: substance use; HIV prevention



Dr. Peter J Bentley

Website (<http://www.cs.ucl.ac.uk/staff/p.bentley>)

Section Board Member

Department of Computer Science, University College London, London WC1E 6BT, UK

Interests: evolutionary computation; agent based modelling; personality modelling; computational biology; health monitoring



Prof. Dr. Tanya Beran

Website (<https://www.prevnet.ca/partners/researchers/dr-tanya-beran>)

Section Board Member

Department of Community Health Sciences, Medical Education Cumming School of Medicine, University of Calgary, 3330 Hospital Drive North West, Calgary, AB T2N 1N4, Canada

Interests: child health; social robotics; interprofessional practice



Prof. Dr. Arjane Berdal

Website (https://www.researchgate.net/profile/Ariane_Berdal/9)

Section Board Member

INSERM UMR 1138, Laboratory of Oral Molecular Physiopathology, Institut des Cordeliers, 75270 Paris, France

Interests: molecular oral pathophysiology

Prof. Dr. Carla Berg (<https://sciprofiles.com/profile/143359>)

Website (<https://publichealth.gwu.edu/departments/prevention-and-community-health/carla-j-berg-phd-mba>)

Section Board Member

Department of Prevention and Community Health, School of Public Health, George Washington University, Washington, DC 20052, USA

Interests: tobacco control; youth tobacco prevention; alternative tobacco product use; social determinants of substance use; tobacco marketing



Dr. Eduardo Bernabé (<https://sciprofiles.com/profile/702843>)

Website (<https://www.kcl.ac.uk/people/eduardo-bernabe>)

Section Board Member

Faculty of Dentistry, Oral & Craniofacial Sciences, King's College London, Denmark Hill Campus, Bessemer Road, London SE5 9RS, UK

Interests: measuring the burden of oral diseases on individuals; patients and societies; evaluating the impact of health policy; community-based interventions and dental treatments



Dr. Nicola Bernabò (<https://sciprofiles.com/profile/711025>)

Website (<http://www.unife.it/UNITE/Docente/Doc/nbernabo>)

Section Board Member

1. Department of Biosciences and Technology for Food, Agriculture and Environment, University of Teramo, 64100 Teramo, Italy

2. Institute of Biochemistry and Cell Biology (CNRIBBC/EMMA/Infrafrontier/IMPC), National Research Council, 00015 Rome, Italy

Interests: mammalian reproduction; male physiology; systems biology; electromagnetic fields

Special Issues, Collections and Topics in MDPI journals



Dr. Maurizio Bertollo (<https://sciprofiles.com/profile/698128>)

Website (<https://www.unich.it/ugov/person/2167>)

Section Board Member

BIND-Behavioral Imaging and Neural Dynamics Center, Department of Medicine and Aging Sciences, University "G. d'Annunzio" of Chieti-Pescara, 66100 Chieti, Italy

Interests: psychology of sport and exercise; motor behavior; sport psychophysiology and neuroscience; performance optimization; bio-psycho-physiological states underpinning performance; mental health



Dr. Lilah Besser (<https://sciprofiles.com/profile/1010559>)

Website (<http://urp.fau.edu/people/besser/>)

Section Board Member

School of Urban & Regional Planning, Florida Atlantic University, Boca Raton, FL 33431, USA

Interests: brain health; brain aging; dementia; neurodegenerative disorders

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Rao Bhamidimarri (<https://sciprofiles.com/profile/149962>)

Website (https://www.researchgate.net/profile/Rao_Bhamidimarri)

Section Board Member

Faculty of Engineering, Science and the Built Environment, London South Bank University, 103 Borough Road, London SE1 0AA, UK

Interests: environmental modelling; remediation of toxic organic pollutants; wastewater treatment; industrial wastes; process design

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Veronique Billat (<https://sciprofiles.com/profile/979280>)

Website (<https://3sp.recherche.parisdescartes.fr/veronique-billat/>)

Section Board Member

Unité de Biologie Intégrative des Adaptations à l'Exercice, Université Paris-Saclay, Univ Evry, 91000 Evry-Courcouronnes

Interests: training; performance; oxygen consumption; endurance modelling; oxygen kinetics

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Colin W. Binns (<https://sciprofiles.com/profile/64530>)

Website (<https://staffportal.curtin.edu.au/staff/profile/view/C.Binns>)

Section Board Member

School of Public Health, Curtin University, Perth 6845, Australia

Interests: public health nutrition; development of dietary guidelines; breastfeeding policy

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Deborah Black

Website (http://sydney.edu.au/perl-bin/phlookup.cgi?type=people&search_type=simple&name=Deborah+Black&search_by=name)

Section Board Member

Faculty of Medicine and Health, The University of Sydney, Sydney, NSW 2006, Australia

Interests: ageing and health



Prof. Dr. Angeles Blanco (<https://sciprofiles.com/profile/519177>)

Website (<https://www.ucm.es/grupoinvcpyta/>)

Section Board Member

Department of Chemical Engineering and Materials, Complutense University of Madrid, 28040 Madrid, Spain

Interests: sustainable processes; industrial symbiosis; sustainable water use; minimum environmental impact mills



Prof. Dr. Petri Böckerman (<https://sciprofiles.com/profile/640496>)

Website (<http://www.petribockerman.fi>)

Section Board Member

1. School of Business and Economics, University of Jyväskylä, 40014 Jyväskylä, Finland

2. Labour Institute for Economic Research, 00100 Helsinki, Finland

3. IZA Institute of Labor Economics, 53113 Bonn, Germany

Interests: health economics; labour economics



Dr. Lynne M. Boddy (<https://sciprofiles.com/profile/388052>)

Website (<https://www.ljmu.ac.uk/about-us/staff-profiles/faculty-of-science/sport-and-exercise-sciences/lynne-boddy>)

Section Board Member

Physical Activity Exchange, Research Institute for Sport and Exercise Sciences, Liverpool John Moores University, Liverpool L3 2EX, UK

Interests: physical activity; sedentary behaviour; measurement; disease risk

Special Issues, Collections and Topics in MDPI journals



Prof. Daniel Boduszek (<https://sciprofiles.com/profile/189660>)

Website (<https://pure.hud.ac.uk/en/persons/daniel-boduszek>)

Section Board Member

Department of Psychology, University of Huddersfield, Queensgate, Huddersfield HD1 3DH, UK

Interests: psychopathy; criminal social identity; mental health of prisoners; recidivism; prisonization



Prof. Dr. Valentina Bollati (<https://sciprofiles.com/profile/82491>)

Website (<http://users.unimi.it/bollatilib/index.html>)

Section Board Member

EPIGET - Epidemiology, Epigenetics and Toxicology Lab -Department of Clinical Sciences and Community Health, Università degli Studi di Milano, 20122

Milan, Italy

Interests: epigenetics; DNA methylation; extracellular vesicles; microRNAs; mitochondrial copy number; telomere length; air pollution; heavy metals; benzene; cardiovascular and respiratory effects of air pollution

Special Issues, Collections and Topics in MDPI journals



Dr. Guglielmo Bonaccorsi (<https://sciprofiles.com/profile/258260>)

Website (<https://www.unifi.it/p-doc2-2013-200009-B-3f2a3d3037282d.html>)

Section Board Member

Dipartimento di Scienze della Salute, Università degli Studi di Firenze, 50121 Firenze, FI, Italy

Interests: health literacy; primary health care; food and nutrition sustainability; healthcare for frail social groups (especially for older people)

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Roberto Bono (<https://sciprofiles.com/profile/74288>)

Website (<https://dssppen.campusnet.unito.it/do/docenti.pl?roberto.bono#profilo>)

Section Board Member

Department of Public Health and Pediatrics, Università degli studi di Torino, via Santena 5 bis, 10126 Turin, Italy

Interests: environmental health; Air pollution; and health effects; oxidative stress and inflammation status; physical activity as health promotion for the healthy and chronically ill subjects



Dr. Stefanos Bonovas (<https://sciprofiles.com/profile/1156852>)

Website (<https://www.hunimed.eu/member/stefanos-bonovas/>)

Section Board Member

1. Department of Biomedical Sciences, Humanitas University, Via Rita Levi Montalcini 4, Pieve Emanuele, 20072 Milan, Italy

2. IRCCS Humanitas Research Hospital, Via Manzoni 56, Rozzano, 20089 Milan, Italy

Interests: evidence based medicine; systematic reviews; meta-analysis; network meta-analysis; research methodology

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Karen A. Bonuck

Website (<https://www.einsteinmed.edu/faculty/4758/karen-bonuck/>)

Section Board Member

Department of Family Medicine, Albert Einstein College of Medicine, 1300 Morris Park Ave, Bronx, NY 10461, USA

Interests: pediatric sleep health; pediatric sleep problems; early childhood feeding; early childhood sleep; developmental disabilities



Prof. Dr. Rafael Borge (<https://sciprofiles.com/profile/1313647>)

Website (<http://www.upm.es/observatorio/vi/index.jsp?pageac=investigador.jsp&idInvestigador=11822>)

Section Board Member

Department of Chemical and Environmental Engineering, Escuela Técnica Superior de Ingenieros Industriales, Universidad Politécnica de Madrid (UPM), 28006 Madrid, Spain

Interests: urban air quality; multi-scale emission and air quality modelling; environmental impact assessment; exposure assessment; air quality and climate interactions; low-cost air quality monitoring



Prof. Dr. Barry Borman (<https://sciprofiles.com/profile/473244>)

Website (<http://www.massey.ac.nz/massey/expertise/profile.cfm?stref=554150>)

Section Board Member

Environmental Health Intelligence NZ, Massey University, PO Box 756, Wellington 6140, New Zealand

Interests: environmental health indicators; birth defects; epidemiology; environmental health; surveillance

Special Issues, Collections and Topics in MDPI journals



Dr. Alberto Borraccino (<https://sciprofiles.com/profile/1142140>)

Website (https://dsppn.campusnet.unito.it/do/docenti.pl/Show?_id=aborracc#tab)

Section Board Member

Department of Public Health and Paediatrics, University of Torino, 10126 Torino, Italy

Interests: public health; programme planning and evaluation; health promotion; health education; adolescents health; quantitative methods; qualitative approaches in research

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Andrea Bosco (<https://sciprofiles.com/profile/1359074>)

Website (<https://www.uniba.it/docenti/bosco-andrea>)

Section Board Member

Department of Education Science, Psychology, Communication, University of Bari "Aldo Moro", Piazza Umberto I, 70120 Bari, BA, Italy

Interests: ageing; spatial cognition; spatial memory; topographical disorientation; cognitive frailty; human-health-environment interaction; assessment; psychological testing

Special Issues, Collections and Topics in MDPI journals



Dr. Gerardo Bosco (<https://sciprofiles.com/profile/1030502>)

Website (<https://www.biomed.unipd.it/people/bosco-gerardo/>)

Section Board Member

Department of Biomedical Sciences, University of Padova, 35131 Padova, Italy

Interests: environmental physiology; hyperbaric oxygen treatment; hyperoxia; oxidative stress; diving physiology; hypoxia

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Hans Bosma (<https://sciprofiles.com/profile/673566>)

Website (<https://www.maastrichtuniversity.nl/hans.bosma/research>)

Section Board Member

Department of Social Medicine, CAPHRI Research School, Maastricht University, P.O. Box 616, 6200 MD Maastricht, The Netherlands

Interests: socioeconomic determinants of health; psychosocial factors and health; quantitative research methods; life-course epidemiology; type 2 diabetes; quality of life; social participation

Dr. Robert Bossarte

Website (<https://soca.wvu.edu/faculty-and-staff/adjunct-faculty/robert-bossarte/>)

Section Board Member

Department of Sociology and Anthropology, West Virginia University, Morgantown, WV 26505, USA

Interests: predictive modeling for suicide risk; integration of big data analytics into mental health practice



Dr. Soufiane Boufous (<https://sciprofiles.com/profile/157398>)

Website (<http://www.tars.unsw.edu.au/staffdirectory/boufous.html>)

Section Board Member

Transport and Road Safety (TARS) Research, School of Aviation, University of New South Wales (UNSW), Sydney, NSW 2052, Australia

Interests: road safety; data linkage; injury prevention; transport crashes in the media; burden of road trauma



Dr. Daniel Boulosa (<https://sciprofiles.com/profile/565796>)

Website (<https://www.researchgate.net/profile/Daniel-Boulosa>)

Section Board Member

1. Faculty of Physical Activity and Sports Sciences, Universidad de León, 24004 León, Spain

2. AMRED, Human Movement and Sports Performance Analysis, Universidad de León, 24004 León, Spain

Interests: sports science; exercise performance; exercise physiology; sport physiology; exercise science; strength and conditioning; exercise testing; athletic performance; muscle physiology; sport biomechanics

Special Issues, Collections and Topics in MDPI journals



Dr. Stergios Boussios (<https://sciprofiles.com/profile/554800>)

Website (<https://www.esmo.org/about-esmo/profiles/stergios-boussios>)

Section Board Member

1. Faculty of Life Sciences & Medicine, School of Cancer & Pharmaceutical Sciences, King's College London, London SE1 9RT, UK

2. Medway NHS Foundation Trust, Windmill Road, Gillingham, Kent ME7 5NY, UK

3. Kent Medway Medical School, University of Kent, CT2 7LX, Canterbury, Kent, UK

4. AELIA Organization, 9(th)Km Thessaloniki-Thermi, 57001 Thessaloniki, Greece

Interests: ovarian cancer; cervical cancer; carcinoma of unknown primary; prostate cancer, renal cancer, colorectal cancer; cancer in pregnancy

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Deborah J. Bowen (<https://sciprofiles.com/profile/502859>)

Website (http://depts.washington.edu/hserv/faculty/Bowen_Deborah)

Section Board Member

Department of Bioethics and Humanities, University of Washington, Seattle, WA 98195, USA

Interests: cancer prevention; community intervention; health behavior change

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Katherine M. Boydell (<https://sciprofiles.com/profile/1150655>)

Website (<https://research.unsw.edu.au/people/professor-katherine-boydell>)

Section Board Member

Black Dog Institute, University of New South Wales, Sydney 2031, Australia

Interests: arts-based methods; qualitative inquiry; experience-based co-design; mental health; knowledge translation

Special Issues, Collections and Topics in MDPI journals



Dr. Mark Boyes (<https://sciprofiles.com/profile/1760945>)

Website (<https://www.markboyes.com/>)

Section Board Member

School of Psychology, Curtin University, Perth, Australia

Interests: youth mental health; language and literacy difficulties; reading, dyslexia; self-injury; HIV/AIDS; emotion; emotion regulation; coping



Dr. Massimo Bracci (<https://sciprofiles.com/profile/75977>)

Website (https://www.univpm.it/Entra/Medicina_e_chirurgia_1/docname/idsel/659/docname/MASSIMO%20BRACCI)

Section Board Member

Department of Clinical and Molecular Sciences, Polytechnic University of Marche, 60121 Ancona, Italy

Interests: occupational medicine; shift workers; shift work schedule; night shift work; light-at-night; blue light; circadian rhythms; biological clock; chronobiology; melatonin; clock genes

Special Issues, Collections and Topics in MDPI journals

Dr. Robert M. Brackbill (<https://sciprofiles.com/profile/224833>)

Website (https://www.researchgate.net/profile/Robert_Brackbill)

Section Board Member

Director of Research, World Trade Center Health Registry, Division of Epidemiology, Department of Health and Mental Hygiene, 125 Worth St, Floor 10, New York City, NY 10013, USA

Interests: 9/11; public health; environmental epidemiology; psychiatric epidemiology; long term health effects of disaster related trauma; disaster preparedness

Special Issues, Collections and Topics in MDPI journals



Dr. Emilia Bramanti (<https://sciprofiles.com/profile/869131>)

Website (<http://www.iccom.cnr.it/it/single-profile-iccom/?uid=67>)

Section Board Member

Institute of Chemistry of Organo Metallic Compounds (ICCOM CNR), Italian National Research Council, 7 - 00185 Rome, Italy

Interests: analytical chemistry; biochemistry; clinical chemistry; environmental chemistry; protein chemistry; heavy metals



Dr. Vasco Branco (<https://sciprofiles.com/profile/573650>)

Website (<https://www.ff.ulisboa.pt/team/vasco-ru-veloso-neves-branco/?lang=en>)

Section Board Member

1. Research Institute for Medicines (iMed.U.Lisboa), Faculty of Pharmacy, Universidade de Lisboa, 1649-003 Lisboa, Portugal
2. Centro de Investigação Interdisciplinar Egas Moniz (CiIEM), Instituto Universitário Egas Moniz (IUEM), Quinta da Granja, Monte de Caparica, 2829-511 Caparica, Portugal

Interests: mercury toxicity; selenium and selenoproteins; redox active systems; mechanisms of toxicity

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Carmela Bravaccio (<https://sciprofiles.com/profile/1295166>)

Website (<https://www.docenti.unina.it/#!/professor/4341524d454c4142524156414343494f425256434d4c36384835304638333957/curriculum>)

Section Board Member

Department of Translational Medicine, Federico II University, 80131 Naples, Italy

Interests: autism; child psychiatric; Rett syndrome; depression; psychopharmacology in children

Special Issues, Collections and Topics in MDPI journals

Dr. Susanne Breitner (<https://sciprofiles.com/profile/2230644>)

Website (<https://www.helmholtz-muenchen.de/epi/research/research-groups/environmental-risks/staff/staff-research-group-environmental-risks/ma/7093/Dr.-Breitner/index.html>)

Section Board Member

Helmholtz Zentrum München - German Research Center for Environmental Health (GmbH), Institute of Epidemiology II, Ingolstädter Landstr. 1, D-85764 Neuherberg, Germany

Interests: air pollution; air temperature; weather; environmental epidemiology; statistical methods; health impact assessment

Dr. Sven Bremberg

Website (<https://staff.ki.se/people/svbrem>)

Section Board Member

Department of Global Public Health, Karolinska Institute, 17177 Stockholm, Sweden

Interests: the intersection between understanding structural determinants of child and adolescent health and public policy



Prof. Dr. Britton W. Brewer (<https://sciprofiles.com/profile/583721>)

Website (<https://springfield.edu/directory/britton-brewer>)

Section Board Member

Department of Psychology, School of Social Work and Behavioral Sciences, Springfield College, 263 Alden Street, Springfield, MA 01109, USA

Interests: psychology of sport injury; rehabilitation adherence; self-identity in sport and exercise



Prof. Dr. William Brieger

Website (<https://www.jhsph.edu/faculty/directory/profile/90/william-brieger>)

Section Board Member

Health Systems Program, Department of International Health, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD 21205, USA

Interests: social science research; community based public health programming



Dr. Pedro Brito (<https://sciprofiles.com/profile/472251>)

Website (https://www.researchgate.net/profile/Pedro_Brito6)

Section Board Member

Division of Oceanography and Marine Environment, Portuguese Institute of Sea and Atmosphere (IPMA), 1749-077 Lisbon, Portugal

Interests: biogeochemistry; estuaries; sediments; heavy metals; emerging contaminants; ecotoxicology; estuarine sediments



Prof. Dr. Arthur L. Brody (<https://sciprofiles.com/profile/2165378>)

Website (<https://profiles.ucsd.edu/arthur.brody>)

Section Board Member

1. Department of Psychiatry, University of California San Diego, La Jolla, CA 92093, USA
2. Department of Psychiatry, Veterans Administration San Diego Healthcare System (VASDHS), San Diego, CA 92161, USA

Interests: tobacco use disorder; positron emission tomography; treatment of cigarette smoking; brain imaging; substance use disorders



Prof. Dr. Iain Broom (<https://sciprofiles.com/profile/183080>)

Website (<https://www3.rgu.ac.uk/dmstaff/broom-iain?>)

Section Board Member

Centre for Obesity Research and Epidemiology (CORE), School of Pharmacy and Life Sciences, Robert Gordon University, Garthdee Road, Aberdeen AB10 7QB, UK

Interests: diabetes; obesity; metabolism; nutrition; trauma; sepsis

Special Issues, Collections and Topics in MDPI journals



Dr. Carlos Brotons (<https://sciprofiles.com/profile/1523965>)

Website (<http://www.eapsardenya.cat>)

Section Board Member

Research Unit, Sardenya Primary Health Care Center, Biomedical Research Institute Sant Pau, 08025 Barcelona, Spain

Interests: cardiovascular disease prevention; primary health care; general practice; health promotion; cardiovascular diseases; dyslipidemias; risk factors



Dr. Julie Brown (<https://sciprofiles.com/profile/302793>)

Website (<https://neura.edu.au/researchers/dr-julie-brown>)



Section Board Member

1. Injury Division, The George Institute for Global Health, Newtown, NSW 2042, Australia
2. Transurban Road Safety Centre at NeuRA, Randwick, NSW 2031, Australia
3. School of Medical Science, University of New South Wales, Sydney, NSW 2052, Australia

Interests: child; road safety; injury prevention; neural injury; vehicle safety

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Lex Brown (<https://sciprofiles.com/profile/217799>)

 (/toggle_desktop_layout_cookie) 

Website (<https://www.griffith.edu.au/environment-planning-architecture/griffith-school-environment/staff/professor-lex-brown>)

Section Board Member

Griffith School of Environment/Cities Research Institute, Griffith University, Brisbane 4111, Australia

Interests: environmental assessment and planning; project and strategic environmental assessment; modelling and management of environmental noise; effects of noise on human health; exposure-response relationships; noise interventions; soundscapes; environment and development



Assoc. Prof. Stephanie Broyles (<https://sciprofiles.com/profile/2164594>)

Website (<https://www.pbrc.edu/research-and-faculty/faculty/?faculty=3622>)

Section Board Member

Contextual Risk Factors Laboratory, Pennington Biomedical Research Center, 6400 Perkins Avenue, Baton Rouge, LA 70808, USA

Interests: physical activity; obesity; built environment; social environment; social determinants of health; health equity



Prof. Dr. Antonio Bruno (<https://sciprofiles.com/profile/743867>)

Website (<https://www.unime.it/it/persona/antonio-bruno/curriculum>)

Section Board Member

Department of Biomedical, Dental Sciences and Morpho-Functional Imaging, University of Messina, 98122 Messina, Italy

Interests: psychopharmacology; augmentation strategies; treatment-resistant disorders; schizophrenia; nutraceutical applications in psychiatry; sexual behavior; psychosomatics; negative emotions; anger

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Fabrizio Bruschi (<https://sciprofiles.com/profile/41042>)

Website (<https://unimap.unipi.it/cercapersone/dettaglio.php?ri=232&template=dettaglio3.tpl>)

Section Board Member

Department of Translational Research, N.T.M.S., Università di Pisa, 56126 Pisa, Italy

Interests: immunology and diagnosis of human parasitic diseases; human infectious disease epidemiology; SDS-PAGE; western blotting; immunohistochemistry; biotechnology; PCR; gelatin zymography

Special Issues, Collections and Topics in MDPI journals



Dr. Timothy A. Brusseau (<https://sciprofiles.com/profile/401777>)

Website (https://faculty.utah.edu/u0819733-Tim_Brusseau/hm/index.html)

Section Board Member

Department of Health & Kinesiology, University of Utah, Salt Lake City, UT 84112, USA

Interests: physical activity surveillance; school-based physical activity promotion; physical activity measurement and assessment; physical activity interventions; health-related fitness assessment

Special Issues, Collections and Topics in MDPI journals



Dr. Matthias Buchecker (<https://sciprofiles.com/profile/563974>)

Website (<https://www.wsl.ch/en/employees/buchecke.html>)

Section Board Member

Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf, Switzerland

Interests: social geography; place meanings; place identity; public participation; cultural heritage; social learning; integrated resource management; integrated landscape development

Special Issues, Collections and Topics in MDPI journals



Dr. Francesca Buiarelli (<https://sciprofiles.com/profile/234168>)

 (/toggle_desktop_layout_cookie) 

Website (<https://www.chem.uniroma1.it/dipartimento/persona/francesca-buiarelli>)

Section Board Member

Department of Chemistry, Sapienza University of Rome, 00185 Rome, Italy

Interests: particulate matter; atmospheric aerosols; water pollution; metabolism study; bio-aerosol; sample pretreatment; GC-MS, HPLC-MS/MS, and CE-UV techniq

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. A. Bulbena-Vilarrasa (<https://sciprofiles.com/profile/1510106>)

Website (<https://www.ehlers-danlos.com/antonio-bulbena/>)

Section Board Member

1. Department Psychiatry and Forensic Medicine, Universitat Autònoma Barcelona, 08193 Bellaterra, Spain

2. Institut de Neuropsiquiatria i Addiccions, Parc de Salut Mar, 08003 Barcelona, Spain

Interests: anxiety; Ehlers Danlos; functional somatic disorders; stress; vagal; EMDR; neurosis

Special Issues, Collections and Topics in MDPI journals

Dr. Jim B. Burch

Website (https://www.sc.edu/study/colleges_schools/public_health/faculty-staff/burch_jim.php)

Section Board Member

Department of Family Medicine and Population Health, School of Medicine, Virginia Commonwealth University, Richmond, VA 23220, USA

Interests: occupational; environmental; and molecular epidemiology; shift work; circadian rhythm disruption and cancer; stress; inflammation and racial health disparities; epidemiology of non-ionizing and ionizing radiation



Prof. Dr. Sloane Burke Winkelman

Website (<http://www.csun.edu/health-human-development/health-sciences/sloane-burke>)

Section Board Member

Public Health Programs, Health Sciences Department, California State University, Northridge Jacaranda Hall (JD), 2501, Northridge, CA 91330, USA

Interests: migrant health; health disparities; global health

Special Issues, Collections and Topics in MDPI journals



Dr. Ryan D. Burns (<https://sciprofiles.com/profile/470381>)

Website (https://faculty.utah.edu/u0708889-RYAN_DONALD_BURNS/hm/index.html)

Section Board Member

Department of Health and Kinesiology, University of Utah, Salt Lake City, UT 84112, USA

Interests: academic performance; adolescents; children; cognitive development; health; longitudinal analysis; physical activity; sports

Special Issues, Collections and Topics in MDPI journals



Dr. Nicola Burton (<https://sciprofiles.com/profile/1394555>)

Website (<https://experts.griffith.edu.au/9085-nicola-burton>)

Section Board Member

1. School of Applied Psychology, Griffith University, Mt. Gravatt, QLD 4122, Australia

2. Menzies Health Institute Queensland, Griffith University, Southport, QLD 4215, Australia

3. Centre for Mental Health, Griffith University, Mt. Gravatt, QLD 4122, Australia

Interests: health psychology; physical activity/exercise; health coaching; behavioural counselling; behavioural determinants; behaviour change; sleep psychology



Prof. Dr. Martin Burtscher (<https://sciprofiles.com/profile/113704>)

Website (<https://www.uibk.ac.at/universitaet/profil/emeriti-pensionierte/2017/martin-burtscher.html.de>)

Section Board Member

Department of Sport Science, University of Innsbruck, Fürstenweg 185, A-6020 Innsbruck, Austria

Interests: exercise physiology; extreme environments; high-altitude medicine

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Andrew Bush

Website (<https://www.imperial.ac.uk/people/a.bush>)

Section Board Member

National Heart and Lung Institute, London SW3 6NP, UK

Interests: paediatric respiratory medicine; paediatric asthma; cystic fibrosis; bronchiectasis; airway inflammation; preschool wheeze

Prof. Dr. Abraham P. Buunk

Website (<https://www.apbuunk.com/>)

Section Board Member

Department of Psychology, University of Groningen, Grote Kruisstraat 2/1, 9712 TS Groningen, The Netherlands

Interests: social and evolutionary psychology

Prof. Dr. Lauri O. Byerley (<https://sciprofiles.com/profile/1747830>)

Website (https://www.medschool.lsuhsu.edu/physiology/faculty_detail.aspx?name=byerley_lauri)

Section Board Member

Sports and Health Sciences, School of Health Sciences, American Public University System, Charles Town, WV 25414, USA

Interests: diet; gut microbiome; body composition; cancer cachexia; sports nutrition; assessment of dietary intake and the role of dietary constituents on health; nutrition education of health science students

Special Issues, Collections and Topics in MDPI journals

Dr. Hyang-Min Byun (<https://sciprofiles.com/profile/839864>)

Website (<https://hyangminbyun.wixsite.com/research>)

Section Board Member

Human Nutrition Research Centre, Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne NE2 4HH, UK

Interests: epigenetics; environmental exposure; retrotransposons; biomarkers; cardiometabolic risk factors



Prof. Dr. Francisco Caamaño Isorna (<https://sciprofiles.com/profile/352418>)

Website (<http://www.usc.es/saudep/persoa/francisco-caamano-isorna/>)

Section Board Member

Department of Public Health, Universidade de Santiago de Compostela, 15782 Santiago, Spain

Interests: explanatory factors and consequences of alcohol consumption among college students

Special Issues, Collections and Topics in MDPI journals



Dr. Anabela Cachada (<https://sciprofiles.com/profile/129859>)

Website (<http://www2.ciimar.up.pt/team.php?id=44>)

Section Board Member

CIIMAR-UP & Department of Biology, Faculty of Sciences, University of Porto, Rua do Campo Alegre, s/n, 4169-007 Porto, Portugal

Interests: risk assessment; soil pollution; bioavailability; fate of pollutants; pollution monitoring

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Yongli Cai

Website (<https://designschool.sjtu.edu.cn/teacher/31104c124abec4f853ad19c8530ab586/professor/detail/5ec6b5cbc4b4b304afeb54de>)

Section Board Member

School of Design, Shanghai Jiao Tong University, 800 Dongchuan RD., Minhang District, Shanghai 200240, China

Interests: urban and regional ecosystem services; landscape planning and ecological restoration

Special Issues, Collections and Topics in MDPI journals



Dr. Saverio Caini (<https://sciprofiles.com/profile/582951>)

Website

(<https://www.ispro.toscana.it/sites/default/files/AmministrazioneTrasparente/Personale/CVdirigenti/CV%20Saverio%20Caini%20%28Italiano%29%20%>)

Section Board Member

Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Via Cosimo il Vecchio 2, 50139 Florence, Italy

Interests: melanoma; skin cancer; epidemiology; genetics; risk factors; prevention

Special Issues, Collections and Topics in MDPI journals

Dr. Samuel Caito (<https://sciprofiles.com/profile/1791387>)

Website (https://www.husson.edu/directory/samuel_caito)

Section Board Member

Department of Pharmaceutical Sciences, Husson University School of Pharmacy, Bangor, ME 04401, USA

Interests: heavy metal toxicology; *C. elegans*; metabolism; biochemistry

Special Issues, Collections and Topics in MDPI journals



Dr. Gemma Calamandrei (<https://sciprofiles.com/profile/89665>)

Website (<https://www.iss.it/web/iss-en/behavioural-sciences-and-mental-health>)

Section Board Member

Section of Neurotoxicology and Neuroendocrinology, Department of Cell Biology and Neurosciences, Istituto Superiore di Sanità, 00161 Rome, Italy

Interests: neurodevelopmental disorders; developmental neurotoxicity; child development; sex differences in behaviour; endocrine disruptors; animal models; environmental pollutants; pesticides; heavy metals; nutrition



Dr. Raffaella Calati (<https://sciprofiles.com/profile/828488>)

Website (https://www.researchgate.net/profile/Raffaella_Calati)

Section Board Member

Department of Psychology, University of Milan-Bicocca, Piazza dell'Ateneo Nuovo 1, 20126 Milan, Italy

Interests: mood disorders; major depressive disorder; suicide; personality disorders; psychotherapy; meta-analysis; statistics tools

Dr. Mona S. Calvo (<https://sciprofiles.com/profile/1648085>)

Website (<https://apha.confex.com/apha/137am/webprogram/Role357893.html>)

Section Board Member

Retired - Food and Drug Administration, Rockville, United States Department of Medicine, Mount Sinai School of Medicine, New York, NY 11201, USA

Interests: public health issues related to food fortification with vitamin D, calcium and dietary supplements; phosphorus sustainability, phosphate-food additive use and excess phosphorus intake in chronic kidney disease; nutritional status and hormonal regulation of calcium, phosphorus and vitamin D, and dietary management/prevention of kidney and bone disease



Dr. Francesco Campa (<https://sciprofiles.com/profile/387802>)

Website (<https://scholar.google.com/citations?user=HmxgMwAAAAJ&hl=en>)

Section Board Member

Department for Life Quality Studies, University of Bologna, 40126 Bologna, Italy

Interests: anthropometry; body composition; exercise testing; growth; sports performance

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Florence Campeotto (<https://sciprofiles.com/profile/917794>)

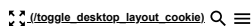
Website (<https://www.aphp.fr/offre-de-soin/medecin/515802/061/01>)

Section Board Member

1. Pediatric Gastroenterology Department, Necker-Enfants-malades Hospital (AP-HP), 75015 Paris, France

2. Microbiological Laboratory, Faculty of Pharmacy, Inserm U1139, University of Paris, 75006 Paris, France

Interests: food allergy; intestinal microbiota within 1000 days; cow's milk allergy and wheat allergy in children



Prof. Dr. Guglielmo Campus (<https://sciprofiles.com/profile/825313>)

Website (<https://www.researchgate.net/profile/Guglielmo-Campus>)

Section Board Member

Department of Restorative, Preventive and Pediatric Dentistry, School of Dental Medicine, University of Bern, CH-3010 Bern, Switzerland

Interests: community dentistry; oral epidemiology; public health; cariology; oral health prevention; pediatric dentistry

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Silvia Sara Canetto (<https://sciprofiles.com/profile/2746866>)

Website (<http://psy.psych.colostate.edu/psylst/detail.asp?Num=12>)

Section Board Member

Department of Psychology, Colorado State University, Fort Collins, CO 80523, USA

Interests: diversity (i.e., gender; sexualities; age; social class; physical health; culture; nationality) issues in suicidal behaviors and hastened death (e.g., assisted suicide; euthanasia; medical-aid-in-dyin

Dr. Nuno Canha (<https://sciprofiles.com/profile/131765>)

Website (<https://fenix.tecnico.ulisboa.pt/homepage/ist150245>)

Section Board Member

Centro de Ciências e Tecnologias Nucleares, Instituto Superior Técnico, Universidade de Lisboa, Estrada Nacional 10, Km 139.7, 2695-066 Bobadela LRS, Portugal

Interests: indoor air quality; ventilation; sleep; biodiesel; aerosols; biomonitoring; schools; assessment of pollution sources; atmospheric pollution; human exposure; air quality

Special Issues, Collections and Topics in MDPI journals

Dr. Cristina Canova (<https://sciprofiles.com/profile/651754>)

Website (<https://en.didattica.unipd.it/off/docente/0D27E9500BE9F153E44F692AA9ED660F>)

Section Board Member

Unit of Biostatistics, Epidemiology and Public Health, Department of Cardio-Thoraco-Vascular Sciences and Public Health, University of Padova, Padova, Italy

Interests: population-based birth cohort study; longitudinal studies; environmental epidemiology; pharmacoepidemiology; real-world data

Special Issues, Collections and Topics in MDPI journals

Dr. Jennifer Cantrell (<https://sciprofiles.com/profile/2255053>)

Website (<https://publichealth.nyu.edu/faculty/jennifer-cantrell>)

Section Board Member

Department of Social and Behavioral Sciences, College of Global Public Health, New York University, 715 Broadway, 12th Floor, New York, NY 10003, USA

Interests: tobacco control and regulatory policy; advertising and marketing; tobacco-related disparities; substance use and misuse including opioid use; public health policy; population-based evaluation and surveillance; health messaging; smoking cessation interventions; e-cigarettes



Dr. Shenbin Cao (<https://sciprofiles.com/profile/1957012>)

Website (<https://facte.bjut.edu.cn/info/1106/2287.htm>)

Section Board Member

College of Architecture & Civil Engineering, Faculty of Urban Construction, Beijing University of Technology, Beijing 100024, China

Interests: anammox; denitrification; anaerobic digestion; sludge fermentation; biological nitrogen removal; carbon neutrality

Special Issues, Collections and Topics in MDPI journals



Dr. Jaime Villaverde Capellan (<https://sciprofiles.com/profile/1992493>)

Website (<https://www.irnas.csic.es/en/jaime-villaverde-capellan/>)

Section Board Member

CSIC - Instituto de Recursos Naturales y Agrobiología de Sevilla (IRNAS), 41012 Sevilla, Spain

Interests: bioremediation; biological; biotechnological; emerging contaminants



Prof. Dr. Stefano Capolongo (<https://sciprofiles.com/profile/191007>)

Website (<https://www.dabc.polimi.it/en/persona/stefano-capolongo/>)

Section Board Member

Design & Health Lab, Department of Architecture, Built environment and Construction engineering, Politecnico di Milano, Via Giovanni Ponzio, 31, 20133 Milano, MI, Italy

Interests: indoor air quality; users' wellbeing; public health; health promotion; health and built construction; evidence based design; healthcare design

Special Issues, Collections and Topics in MDPI journals



Dr. Paolo Cappare (<https://sciprofiles.com/profile/2226743>)

Website (<https://www.univr.it/en/docenti/c/cappare-paolo>)

Section Board Member

Department of Dentistry, Vita-Salute San Raffaele University, 20132 Milan, Italy

Interests: dentistry; implantology; oral and maxillofacial surgery; biomaterials

Special Issues, Collections and Topics in MDPI journals



Dr. Tiziana Cappello (<https://sciprofiles.com/profile/1264039>)

Website (<https://www.unime.it/it/persona/tiziana-cappello>)

Section Board Member

Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Viale F. Stagno d'Alcontres 31, 98166 Messina, Italy

Interests: environmental metabolomics; aquatic ecotoxicology; biomonitoring and remediation strategies; environmental risk assessment; metals; emergent pollutants (i.e., microplastics, nanoparticles); marine invertebrates; fish; metabolic pathways; biomarkers in ecotoxicity

Special Issues, Collections and Topics in MDPI journals



Dr. Tiziana Cappello (<https://sciprofiles.com/profile/1264039>)

Website (https://www.researchgate.net/profile/Tiziana_Cappello)

Section Board Member

Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Messina, Italy

Interests: environmental metabolomics; aquatic ecotoxicology; climate change; biomonitoring and remediation strategies; environmental risk assessment; effects of xenobiotics; emerging pollutants (i.e., microplastics, nanoparticles); marine invertebrates; fish; metabolic pathways; biomarkers in ecotoxicity

Special Issues, Collections and Topics in MDPI journals



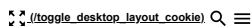
Prof. Dr. Fabio Caputo (<https://sciprofiles.com/profile/92858>)

Website (<http://www.ausl.fe.it/azienda/organizzazione/amministrazione-trasparente/curriculum/dirigenti-art-10-c-8-lett-d-d-igs-33-2013/dirigenti-art-10-c-8-lett-d-d-igs-33-2013/curricula-salvati/caputo>)

Section Board Member

Department of Internal Medicine, SS Annunziata Hospital, Cento, 44042 Ferrara, Italy

Interests: diagnosis of alcohol use disorder; alcohol-related liver disease; pharmacological treatment of alcohol use disorder; diagnosis and treatment of alcohol-related disease



Dr. Lucia Carboni (<https://sciprofiles.com/profile/580890>)

Website (<https://www.unibo.it/sitoweb/lucia.carboni4/cv-en>)

Section Board Member

Department of Pharmacy and Biotechnology, Alma Mater Studiorum-University of Bologna, 40126 Bologna, Italy

Interests: major depression; antidepressants; addiction; Alzheimer's disease; biomarkers; animal models; gene expression; psychopharmacology

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Annalaura Carducci (<https://sciprofiles.com/profile/148256>)

Website (<https://unimap.unipi.it/cercapersone/dettaglio.php?ri=4771>)

Section Board Member

Department of Biology, University of Pisa, Via S. Zeno 35/39, 56127 Pisa, Italy

Interests: hygiene; public health; infectious diseases; risk assessment; environmental virology; water; aerosol; health literacy; risk communication; occupational health

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Francesco Caridi (<https://sciprofiles.com/profile/754600>)

Website (<https://www.unime.it/it/persona/francesco-caridi>)

Section Board Member

Department of Mathematical and Computer Sciences, Physical Sciences and Earth Sciences, University of Messina, 98166 Messina, Italy

Interests: biopolymers; xerogels; drug delivery systems; FTIR-ATR spectroscopy; Raman spectroscopy; ionizing radiations dosimetry; environmental radioactivity; material characterization

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Flavia Carle (<https://sciprofiles.com/profile/1122838>)

Website (https://www.univpm.it/Entra/Medicina_e_chirurgia_1/docname/idsel/350/docname/FLAVIA%20CARLE)

Section Board Member

Department of Biomedical Sciences and Public Health, Università Politecnica delle Marche, 60020 Ancona, Italy

Interests: biostatistics; epidemiology; healthcare research; public health; diabetes

Dr. Claudia Carmassi (<https://sciprofiles.com/profile/2235989>)

Website (<https://unimap.unipi.it/cercapersone/dettaglio.php?ri=8851>)

Section Board Member

Department of Clinical and Experimental Medicine, University of Pisa, 56126 Pisa, Italy

Interests: psychological distress; mental health; psychological support; depression; anxiety

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Oljana Carnevali (<https://sciprofiles.com/profile/833315>)

Website (<https://www.univpm.it/Entra/Engine/RAServePG.php/P/320710012150/idsel/521/docname/CARNEVALI%20OLIANA>)

Section Board Member

Department of Life and Environmental Sciences, Università Politecnica delle Marche, Via Brecce Bianche, 60131 Ancona, Italy

Interests: gamete quality in teleost; reproductive endocrinology and physiology of new species for aquaculture; development of new diet for environment-friendly aquaculture; animal welfare monitoring; reproductive toxicology to monitor the environmental risk; appetite control

Special Issues, Collections and Topics in MDPI journals

Dr. David Carpenter (<https://sciprofiles.com/profile/63594>)

Website (<https://www.albany.edu/ihe/>)

Section Board Member

Institute for Health and the Environment, University at Albany, 5 University Pl., Rm. A217, Rensselaer, NY 12144, USA

Interests: persistent organic pollutants; environmental causes of human disease; air pollution; diabetes; cardiovascular disease

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Luis Carrasco Páez (<https://sciprofiles.com/profile/1246259>)

Website (<https://www.us.es/trabaja-en-la-us/directorio/luis-carrasco-paez>)

Section Board Member

Department of Physical Education and Sport, University of Seville, Pirotecnia Campus, Pirotecnia St., s/n, 41013 Seville, Spain

Interests: exercise physiology; stress hormones; anxiety; depression; neurotrophic factors; neuroplasticity

Special Issues, Collections and Topics in MDPI journals

Dr. Florence Carrouel (<https://sciprofiles.com/profile/407410>)

Website (<https://p2s.univ-lyon1.fr/membres/florence-carrouel-938180.kjsp>)

Section Board Member

Department of Fundamental and Clinical Biological Sciences, Systemic Healthcare Laboratory EA 4129, University of Lyon, 69007 Lyon, France

Interests: microbiology; infectiology; molecular biology; nanoparticles; cosmetics

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Laura Carrozzi (<https://sciprofiles.com/profile/2692568>)

Website (<https://unimap.unipi.it/cercapersone/dettaglio.php?ri=115630>)

Section Board Member

Department of Surgery, Medicine, Molecular biology and Critical Care, University of Pisa, and Cardio-thoracic and Vascular Department, University Hospital of Pisa, via Savi, 10, 56126 Pisa, Italy

Interests: epidemiology of respiratory diseases; smoking and smoking cessation; lung cancer screening; COPD, bronchiectasis; bronchial asthma; interstitial lung diseases; acute and chronic respiratory failure; pulmonary embolism



Dr. Fraser Carson (<https://sciprofiles.com/profile/502828>)

Website (<https://www.lunex-university.net/university/team/dr-fraser-carson/>)

Section Board Member

Department of Sport and Exercise Science, Lunex International University of Health, Exercise and Sports, L-4672 Differdange, Luxembourg

Interests: psychological wellbeing; stress and coping; sport coaching; diversity in coaching; women in sport; qualitative research

Special Issues, Collections and Topics in MDPI journals



Dr. Angela Carta
MDPI [Website \(https://www.unibs.it/dipartimenti/specialit%C3%A0-medico-chirurgiche-scienze-radiologiche-e-sanit%C3%A0-pubblica/personale-del-dipartimento/ricercatori/dotssa-carda-angela\)](https://www.unibs.it/dipartimenti/specialit%C3%A0-medico-chirurgiche-scienze-radiologiche-e-sanit%C3%A0-pubblica/personale-del-dipartimento/ricercatori/dotssa-carda-angela)
Section Board Member
Department of Medical and Surgical Specialties, Radiological Sciences and Public Health, Section of Public Health and Human Sciences, University of Brescia, 25123 Brescia, Italy
Interests: radiological sciences; public health

Dr. Massimo Caruso (<https://sciprofiles.com/profile/658282>)
Website (<http://www.biometec.unict.it/docenti/massimo.caruso>)
Section Board Member
Department of Biomedical and Biotechnological Sciences (BIOMETEC), Università degli Studi di Catania, 95123 Catania, Italy
Interests: smoke; tobacco related diseases; electronic nicotine delivery systems; asthma; allergies

Dr. Fernando P. Carvalho (<https://sciprofiles.com/profile/1805441>)
Website (<https://www.researchgate.net/profile/Fernando-Carvalho-17>)
Section Board Member
Laboratório de Protecção e Segurança Radiológica, Instituto Superior Técnico, Campus Tecnológico Nuclear, Universidade de Lisboa, 2695-066 Lisboa, Portugal
Interests: environmental radioactivity; radioecology; biogeochemistry of radioelements; pesticide residues; ecotoxicology; environmental risk assessment
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Enrique Casalino (<https://sciprofiles.com/profile/586431>)
Website (<https://www.aphp.fr/offre-de-soin/medecin/516326/011/07>)
Section Board Member
1. Emergency Department and EMS, Assistance Publique-Hôpitaux de Paris (AP-HP), Bichat University Hospital, 75018 Paris, France
2. The French National Study Group for Efficiency and Quality of Emergency Departments and Non-Scheduled Activities, 75018 Paris, France
3. IAME (Infection, Antimicrobiai, Modeling, Evaluation), INSERM UMR1137, Université de Paris Cité, 75018 Paris, France
Interests: public health; infectious diseases; management and health economics; medical services
Special Issues, Collections and Topics in MDPI journals

Dr. Maribel Casas (<https://sciprofiles.com/profile/861985>)
Website (<https://www.researchgate.net/profile/Maribel-Casas-2>)
Section Board Member
Barcelona Institute for Global Health (ISGlobal), Doctor Aiguader 88, 08003 Barcelona, Spain
Interests: child health; endocrine-disrupting chemicals; respiratory health; epidemiology; human biomonitoring; air pollution
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Patricia Casey (<https://sciprofiles.com/profile/637821>)
Website (<https://www.hermitageclinic.ie/consultants/profpatricia-casey>)
Section Board Member
Department of Adult Psychiatry, Mater Misericordiae University Hospital, 63 Eccles Street, 7 D07 R2WY Dublin, Ireland
Interests: adjustment disorder; religion/spirituality and mental health; self harm and suicide

Dr. Beatrice Casini (<https://sciprofiles.com/profile/244637>)
Website (<https://unimap.unipi.it/cercapersone/dettaglio.php?ri=870>)
Section Board Member

Department of Translational Research, New Technologies in Medicine and Surgery, University of Pisa, 56126 Pisa, Italy
Interests: epidemiology of infectious diseases; molecular epidemiology of pathogenic microorganisms; prevention of healthcare-associated infections; assessment and control of microbiological risks of water; assessment of occupational biological risk; health communication and implementation of communication tools
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Silvia Casini (<https://sciprofiles.com/profile/1416955>)
Website (<https://www.unisi.it/ugov/person/10226>)
Section Board Member
Department of Environment, Earth and Physical Sciences, University of Siena , Banchi di Sotto, 55, 53100 Siena, Italy
Interests: ecotoxicological monitoring based on biomarkers, interaction between pesticides and non target species in agroecosystems, presence and effects of plastics in marine organisms, noninvasive biomarkers in protected species

Prof. Dr. Andrea Cassoni (<https://sciprofiles.com/profile/1498860>)
Website (https://web.uniroma1.it/odontoiatriamaxfacc/docenti/_cassoni-andrea)
Section Board Member
Department of Oral and Maxillofacial Sciences, Sapienza University of Rome, Via Caserta 6, 00161 Rome, RM, Italy
Interests: oral and maxillofacial trauma; reconstruction surgery; head and neck cancer; facial palsy; maxillo-mandibular malformations
Special Issues, Collections and Topics in MDPI journals

Dr. Loriana Castellani
Website (https://www.unicas.it/didattica/docenti/schedadocente.aspx?nome_cognome=loriana_castellani)
Section Board Member
Department of Human Sciences, Society and Health, University of Cassino and Lazio Meridionale, Viale dell'Università, 03043 Cassino, Italy
Interests: exercise physiology

Prof. Dr. Lorys Castelli (<https://sciprofiles.com/profile/1369876>)
Website (<https://www.clinicacomunita.unito.it/do/docenti.pl/Alias?lorys.castelli#tab-profilo>)
Section Board Member
Department of Psychology, University of Turin, 10124 Torino, Italy
Interests: alexithymia; emotional regulation; psychological distress; depression; pain; psycho-oncology; post-traumatic growth

Prof. Dr. Carlos Castillo-Chavez
Website (<https://sustainability.asu.edu/person/carlos-castillo-chavez/>)
Section Board Member
Simon A. Levin Mathematical, Computational & Modeling Sciences Center, Arizona State University, PO Box 871901, Tempe, AZ 85287-190, USA
Interests: mathematical biology; theoretical biology; disease evolution; epidemiology

Prof. Dr. Jose Castro-Piñero (<https://sciprofiles.com/profile/998594>)
Website (<https://directorio.uca.es/cau/directorio.do?persona=14186>)
Section Board Member
1. Department of Physical Education, Faculty of Education Sciences, University of Cadiz, 11003 Cádiz, Spain
2. Biomedical Research and Innovation Institute of Cádiz (INIICA) Research Unit, University of Cadiz, 11003 Cádiz, Spain
Interests: public health and epidemiology in physical activity; sedentary behaviors and physical fitness; cardiovascular risk factors

Prof. Dr. Mauro Ceccanti (<https://sciprofiles.com/profile/9465>)
Website (<http://www.crarl.it/mauro-ceccanti/>)
Section Board Member
Department of Clinical Medicine, Viale del Policlinico, 00161 Rome, Italy
Interests: alcohol abuse and alcoholism; alcoholic liver disease; alcohol detoxification
Special Issues, Collections and Topics in MDPI journals



Dr. Francesca Cecchi (<https://sciprofiles.com/profile/709668>)

Website (<https://www.unifi.it/p-doc2-2020-0-C-3f2b342a372931-0.html>)

Section Board Member

1. IRCCS Fondazione Don Carlo Gnocchi, 50143 Florence, Italy
2. Department of Clinical and Experimental Medicine, University of Florence, 50134 Florence, Italy

Interests: stroke rehabilitation; neurological rehabilitation; exercise therapy; technologies for rehabilitation; musculoskeletal disorders; geriatric rehabilitation; healthy ageing; rehabilitation outcome measures; rehabilitation outcome prediction

Special Issues, Collections and Topics in MDPI journals



Dr. Carlos Celis (<https://sciprofiles.com/profile/406761>)

Website (<https://www.gla.ac.uk/researchinstitutes/icams/staff/carloscelis/#/>)

Section Board Member

BHF Glasgow Cardiovascular Research Centre, Institute of Cardiovascular and Medical Sciences, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow G12 8TA, UK

Interests: precision nutrition; physical activity; genetics and its role on chronic diseases



Dr. Jose A. Centeno (<https://sciprofiles.com/profile/92944>)

Website (https://www.uprm.edu/ccs-cicsa/dt_team/jose-centeno/)

Section Board Member

1. Division of Occupational & Environmental Medicine, University of Maryland School of Medicine, Baltimore, MD 21201, USA
2. Department of Chemistry, Center for Chemical Sensors—Chemical Imaging and Surface Analysis Center, University of Puerto Rico at Mayaguez, Mayaguez, PR 00681, USA

Interests: metals toxicology; environmental and toxicological pathology; occupational and forensic toxicology of metals; biomonitoring to metal exposures; human health and risk assessment to metal exposures; medical geology; metalloids and health effects; metals used in medical devices; biocompatibility of metals; regulatory sciences

Special Issues, Collections and Topics in MDPI journals



Dr. Michael Chaiton (<https://sciprofiles.com/profile/56574>)

Website (<http://www.dlsph.utoronto.ca/faculty-profile/chaiton-michael/>)

Section Board Member

1. Independent Scientist, Centre for Addiction and Mental Health, Toronto, ON M5T 2S8, Canada
2. Dalla Lana School of Public Health, University of Toronto, Toronto, ON M5T 2S8, Canada
3. Collaborative Specialization in Addiction Studies, Toronto, ON M5T 2S8, Canada

Interests: tobacco control; nicotine; public health; harm reduction; mental health; health promotion; addiction research

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Jayajit Chakraborty (<https://sciprofiles.com/profile/214739>)

Website (<https://www.utep.edu/liberalarts/sociology-and-anthropology/people/jayajit-chakraborty.html>)

Section Board Member

Department of Sociology and Anthropology, The University of Texas at El Paso, 500 West University Avenue, El Paso, TX 79968, USA

Interests: environmental justice; environmental health; environmental hazards/disasters; social vulnerability; racial/ethnic disparities; GIScience; spatial analysis

Special Issues, Collections and Topics in MDPI journals



Dr. Marie Cecile Chalbot

Website (<https://scholars.uab.edu/display/chalbot>)

Section Board Member

Department of Environmental Health Sciences, School of Public Health, University of Alabama at Birmingham, Birmingham, AL 35233, USA

Interests: air pollution; analytical methods; biomarkers; environmental health; environmental toxicology; household air pollution; metabolomics; particulate matter; e-cigarettes; nano-enabled products



Dr. Heng Choon (Oliver) Chan (<https://sciprofiles.com/profile/183981>)

Website (<http://www6.cityu.edu.hk/stfprofile/ohcchan.htm>)

Section Board Member

Department of Social Policy, Sociology, and Criminology, School of Social Policy, University of Birmingham, Birmingham B15 2TT, UK

Interests: psychological criminology; Asian criminology; psychology and the law; sexual violence; violent offending; stalking behavior; bullying behavior

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. Ko-Ling Chan (<https://sciprofiles.com/profile/494059>)

Website (<https://www.polyu.edu.hk/apss/research/research-areas/314-prof-chan-ko-ling-edward>)

Section Board Member

Department of Applied Social Sciences, The Hong Kong Polytechnic University, Hong Kong, China

Interests: child maltreatment; intimate partner violence; child and family poly-victimisation; chinese migration and child welfare

Special Issues, Collections and Topics in MDPI journals



Dr. Fei Chang (<https://sciprofiles.com/profile/2410950>)

Website (<https://sea.usst.edu.cn/2011/1109/c1640a19875/page.htm>)

Section Board Member

School of Environment and Architecture, University of Shanghai for Science and Technology, Shanghai 200093, China

Interests: environmental and energy functional materials; photocatalytic degradation; photocatalytic nitrogen oxide control; ultrasonic catalysis

Prof. Dr. Howard H. Chang (<https://sciprofiles.com/profile/49740>)

Website (<https://www.sph.emory.edu/faculty/profile/#HHCHANG>)

Section Board Member

Department of Biostatistics and Bioinformatics, Emory University, Atlanta, GA 30322, USA

Interests: spatial epidemiology; environmental statistics; Bayesian methods; air pollution; infectious disease; climate change



Prof. Dr. Huan-Tsung Chang (<https://sciprofiles.com/profile/132024>)

Website (<https://www.ch.ntu.edu.tw/~htchang/>)

Section Board Member

Department of Chemistry, National Taiwan University, Taipei 10617, Taiwan

Interests: nanoscience; green chemistry; fluorescence; sensors; surface enhanced Raman spectroscopy; mass spectrometry; separation sciences; fuel cells

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Ta-Yuan Chang (<https://sciprofiles.com/profile/353360>)

Website (http://webap.cmu.edu.tw/TchEportfolio/index_1tychang)

Section Board Member

Department of Occupational Safety and Health, China Medical University, Taichung 110122, Taiwan

Interests: occupational health; occupational epidemiology; health risk assessment; physical hazards assessment

Special Issues, Collections and Topics in MDPI journals



Prof. Dr. How-Ran Chao (<https://sciprofiles.com/profile/71983>)

Website (<https://fps.npust.edu.tw/teacher/hrchao/>)

Section Board Member

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


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Article

Smoking from a Younger Age Is the Dominant Factor in the Incidence of Chronic Obstructive Pulmonary Disease: Case-Control Study

Winda Safitri, Santi Martini, Kurnia Dwi Artanti and Chung-Yi Li





Article

Smoking from a Younger Age Is the Dominant Factor in the Incidence of Chronic Obstructive Pulmonary Disease: Case-Control Study

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Abstract: Background: Indonesia ranks 7th highest in the world for the number of deaths caused by tobacco use including those caused by Chronic Obstructive Pulmonary Disease (COPD). The purpose of this study was to determine the influence of initial smoking age and habit on the incidence of COPD. Methods: This research was a case-control study. The sampling in this research took a systematic random sampling method. The samples of this study were 56 respondents of a case group and 56 respondents of a control group. This study was conducted at Ngudi Waluyo Hospital, Wlingi, Blitar from October to November 2017. Results: The factors that influenced the incidence of COPD were being male ($p = 0.00$; OR = 6.333; 95%CI = 2.776–14.450), a smoker ($p = 0.00050$; OR = 5.1318; 95%CI = 1.9004–13.8958), initially smoking at <15 years old ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903), initially getting into a smoking habit at the age of <15 years old (OR = 12; CI = 1346–106,950), initially getting into a smoking habit at the age of ≥ 15 years old (OR = 3647; CI = 1625–8183) and having smoked for ≥ 30 years (OR = 8857; CI = 3298–23,787). Conclusion: There are three factors of smoking behavior that influence COPD: smoking habit, initial smoking age and smoking duration. Of all factors, forming a smoking habit at the age of <15 years old has the biggest risk (OR = 12; CI = 1346–106,950).

Keywords: chronic obstructive pulmonary disease; tobacco use; initial smoking age; smoking habit; smoking duration

1. Introduction

Chronic obstructive pulmonary disease (COPD) is a non-communicable disease with an incidence worldwide that increases from year to year [1]. COPD is a major source of morbidity, mortality and cost in the Western world [2]. Currently, the number of people with COPD globally reaches 384 million; it is estimated that this number will continue to increase, with COPD becoming the third-leading cause of death in the world by 2030 [3]. The burden of chronic respiratory diseases is generally increasing across the globe, and COPD is one of the main causes of mortality and morbidity [2].

The main risk factor for COPD is smoking [3]. Cigarette smoking has been shown to be the leading cause of COPD in the United States [4]. The pathogenesis of smoking-related COPD includes the protease, anti-protease and oxidant-antioxidant hypotheses and

abnormal repair processes [5]. COPD caused by smoking is usually initiated by injury to the lungs. A smoking habit is the cause of eight out of ten cases of COPD [6]. More than 75% of COPD cases result from lung injury caused by a long period of smoking [7].

Other risk factors that can influence COPD are environmental exposure to biomass fuels and air pollution, and host factors such as age, sex or socioeconomic status [3,8]. Age is often listed as a risk factor for COPD as all vital organs lose their function with age, hence the decline in lung function, which occurs progressively after about 25 years of age. In the case of COPD, the age factor plays a role in increased cell aging, stem cell fatigue, increased oxidative stress, changes in the extracellular matrix and a reduction in endogenous anti-aging molecules and protective pathways such as autophagy [9]. In the past, most studies have shown that the prevalence and mortality of COPD are higher in men than women, but recent studies in developed countries have reported that the prevalence of COPD in men and women is almost the same. This may be due to changes in smoking behavior patterns [10].

COPD is the first cause of disability in the world [11]. Limited ability to perform daily activities occurs in three out of four cases of COPD [12]. The disease also limits a person's ability to climb the stairs [13]. Early retirement occurs in 40% of patients with COPD [14]. In Europe, COPD accounts for 50% of total health funds each year and causes an annual productivity loss of €48.4 billion [15]. In the United States, it is estimated that COPD costs \$50 billion each year, consisting of direct costs of as much as \$30 billion and further indirect costs reaching \$20 billion [16]. It is estimated that 12 million people suffer from COPD and that 120,000 die of the condition each year [17]. In Indonesia, COPD results in a total daily loss of productivity of 901,744 h and medical expenses of IDR 1,294,165,188,810; it is the sixth-leading cause of death nationally [18]. As such, it is necessary to make a preventive effort to reduce the prevalence of COPD. With that aim in mind, the purpose of this study is to determine the influence of initial smoking age and habit on the incidence of COPD.

Health is a human right mandated by the 1945 Constitution of the Republic of Indonesia; therefore, there is a need tobacco control for protection against the effects of cigarette smoke, especially for people who are not active smokers, in accordance with Health Law No. 36 of 2009 article 115 concerning the establishment of a No Smoking Zone (KTR) policy as part of government efforts to protect the public in the public environment. Based on 2013 health data, out of 38 districts/cities, only nine had implemented the KTR policy in East Java Province [19].

Blitar, a district in East Java, had still not implemented this regulation in 2018, despite one of the diseases caused by smoking, namely COPD, having a fairly high prevalence (3.7%) in the district compared to other diseases [19]. Based on a recapitulation of patient data from Ngudi Waluyo Wlingi Hospital, Blitar District, in 2016, the morbidity rate of COPD inpatients was ranked tenth with 226 patients, while for outpatient care, COPD was ranked thirteenth with 953 patients [18]. The main risk factor for COPD is exposure to cigarette smoke. Of the total population aged ≥ 10 years in Blitar District, 36.3% have a history of smoking habits, with 30% still actively smoking. In Blitar District, the average number of cigarettes smoked per person per day in 2013 was 9.7 cigarettes [19].

2. Material and Methods

2.1. Study Area

This study took place in Ngudi Waluyo Wlingi Hospital, Blitar District, Indonesia. Worldwide, Indonesia has the 7th highest number of deaths due to COPD, while Blitar district is one of the districts in East Java, Indonesia that does not have regulations regarding smoking-free areas. As a result, the prevalence of smoking-related diseases is high in Blitar District, one of which is COPD. The prevalence of COPD in Blitar District, East Java, Indonesia is 3.7% [19]. Ngudi Waluyo Wlingi Regional Hospital was designated as a Regional Public Service Agency (BLUD) Hospital in Blitar. It is a teaching hospital that has 16 accredited services and, as such, a suitable place for research. Based on a recapitulation of patient data from Ngudi Waluyo Wlingi Hospital, Blitar District, in 2016, the morbidity

rate of inpatient COPD was ranked tenth with 226 patients, while for outpatient care, COPD was ranked thirteenth with 953 people [20].

2.2. Data Source

This research was an analytical observational study using a case-control design. This research was conducted in April–December 2017 at Ngudi Waluyo Hospital in Wlingi, Blitar, East Java, Indonesia. The case group was people who had been diagnosed as suffering from COPD, while the control group was people who had never been diagnosed as suffering from COPD.

2.3. Sample Selection

The sampling used in this study was systematic random sampling. The case population in this study was patients with COPD aged ≥ 30 years at Ngudi Waluyo Wlingi Regional Hospital, Blitar District, East Java. The diagnosis of COPD was determined based on the doctor's diagnosis on the patient's medical record. Meanwhile, the control population in this study were all patients aged ≥ 30 years who did not have a history of COPD based on medical records from Ngudi Waluyo Wlingi Regional Hospital, Blitar District, East Java. The sample size was calculated using Lemeshow's comparison case, which generated 56 samples in each group (1:1). The samples were divided into case and control groups. The case group consisted of samples with COPD, while the control group consisted of samples without COPD. The cases and controls were selected randomly using a systematic random sampling technique. The control group was selected based on the current age of the respondent, namely, at least 30 years old. Systematic random sampling was carried out in both the case and control groups based on the serial numbers of patients seeking treatment at Ngudi Waluyo Hospital. This was based on the number of patients receiving treatment divided by the number of samples needed; the sample was taken based on the multiple of the results of the distribution in the sampling frame.

2.4. The Operational Definition of the Variable

The dependent variable studied was COPD, while the independent variables studied were divided into two groups: characteristics of respondents (age, sex, job and education) and smoking behavior (smoking habits, early smoking age and duration of smoking). Determination of COPD status was made in the case group using medical records and in the control group using a questionnaire. The age variable was determined based on the interview date and the respondent's date of birth, and grouped into two categories: adult (≥ 30 – < 65 years old) and elderly (≥ 65 years old). The sex variable was divided into two categories: male and female. The education variable was divided into two categories: low education (from no school up to junior high school) and higher education (from senior high school to college).

The smoking habit variable was divided into three variables: non-smokers (never smoked), smokers (people who have smoked at least 100 cigarettes in their lifetime but in the environments where they live and work there are no smokers) and smokers who were exposed to secondhand smoke (smokers who are exposed to cigarette smoke itself and from other people). The variable of initial smoking age was divided into three groups: non-smokers, smokers who initially smoked at < 15 years old and smokers who initially smoked at ≥ 15 years old. The variable of smoking duration was divided into three groups: non-smokers, smokers who smoked for < 30 years and smokers who smoked for ≥ 30 years.

2.5. Instruments

Data collection was carried out using a questionnaire and secondary data, i.e., patient medical records. The questionnaire used in this study was a modification of that for basic health research and non-communicable disease research. The questionnaire was on participants' smoking habits and statuses in relation to COPD. The questionnaire had been tested on 20 respondents to ensure its validity and reliability.

2.6. Statistical Analysis

The collected data were then analyzed descriptively and analytically with computer assistance. Data processing was carried out with bivariate analysis using the confidence of interval of 95% ($\alpha = 0.05$).

2.7. Ethical Clearance

All participants were provided with written informed consent approved by the Ethics Commission of the Faculty of Public Health, Universitas Airlangga (certificate number: 536-KEPK).

3. Results

3.1. Characteristics of Respondents

Table 1 presents the distribution of respondent characteristics and their effects on the incidence of COPD, showing that of a total of 112 respondents, the majority of the COPD patients were male (75%), elderly (53.57%) and had a low educational background (67.86%). Significant results showed that males had a 6.33 times greater risk than females ($p = 0.00$; OR = 6.333; 95%CI = 2.776–14.450) and that the elderly group had an 11.769 times greater risk than respondents in the adult group ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903).

Table 1. Characteristics of Respondents.

Variables	Case		Control		<i>p</i>	OR	95% CI
	n	%	n	%			
Sex							
Male	42	75.00	18	32.14	0.00	6.333	2.776–14.450
Female	14	25.00	38	67.86			
Age							
Elderly (≥ 65 years old)	30	53.57	5	8.93	0.00	11.769	4.086–33.903
Adult (≥ 30 – <65 years old)	26	46.43	51	91.07			
Education							
Low Education	38	67.86	36	64.29	0.69	1.173	0.536–2.567
High Education	18	32.14	20	35.7			
Total	56	100.00	56	100.00			

3.2. Smoking Behavior

Table 2 presents the distribution of respondents' smoking behavior and its effect on the incidence of COPD, showing that of a total of 112 respondents, 55 were smokers and 57 were non-smokers, with 29 of the latter exposed to secondhand smoke.

Significant results showed that smokers had a 5.1318 times greater risk of developing COPD compared with non-smokers ($p = 0.00050$; OR = 5.1318; 95%CI = 1.9004–13.8958). Yet, secondhand smokers had no influence on the incidence of COPD ($p = 0.236$; OR = 1.5278; 95%CI = 0.5028–4.6418). Significant results also showed that smokers who initially smoked at <15 years old had a 12 times greater risk of developing COPD compared with non-smokers ($p = 0.026$; OR = 12; 95%CI = 1.346–106.95), while smokers who initially smoked at ≥ 15 years old had a 3.647 times greater risk of developing COPD than non-smokers ($p = 0.002$; OR = 3.647; 95%CI = 3.298–23.787). A smoking period of fewer than 30 years did not influence the incidence of COPD ($p = 0.881$; OR = 1.091; 95%CI = 0.350–3.401), while a smoking period of more than 30 years was influential. Smokers who smoked for more than 30 years had an 8.857 times greater risk of developing COPD compared with non-smokers ($p = 0.000$; OR = 8.857; 95%CI = 3.298–23.787) (Table 2).

Table 2. Smoking Behavior of Respondents.

Variables	Case		Control		<i>p</i>	OR	95% CI
	n	%	n	%			
Smoking Habit							
Non-Smokers	8	14.28	20	35.72			
Secondhand Smokers	11	19.64	18	32.14	0.236	1.5278	0.5028–4.6418
Smokers	37	66.07	18	32.14	0.00050	5.1318	1.9004–13.8958
Initial Smoking Age							
Non-Smokers	19	33.93	38	67.86			2.599–13.620
Smokers who initially smoked at <15 years old	6	10.7	1	1.79	0.026	12	1.346–106.95
Smokers who initially smoked at ≥15 years old	31	55.4	17	30.35	0.002	3.647	1.625–8.183
Smoking Duration							
Non-Smokers	19	33.93	38	67.86			
Smokers who smoked for <30 years	6	10.71	11	19.64	0.881	1.091	0.350–3.401
Smokers who smoked for ≥30 years	31	55.36	7	12.5	0.000	8.857	3.298–23.787
Total	56	100.00	56	100.00			

4. Discussion

4.1. Key Findings

The factors that influenced the incidence of COPD were being male ($p = 0.00$; OR = 6.333; 95%CI = 2.776–14.450), elderly ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903), a smoker ($p = 0.00050$; OR = 5.1318; 95%CI = 1.9004–13.8958), developing an initial smoking habit at the age of <15 years old ($p = 0.026$; OR = 12; 95%CI = 1.346–106.95), developing an initial smoking habit at the age of ≥15 years old (OR = 3647; 95%CI = 1625–8183) and smoking for ≥30 years (OR = 8857; 95%CI = 3298–23,787).

4.2. Characteristics of Respondents

The current study showed that the OR value of the elderly group was higher than that of the adult group ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903). This is in line with previous studies in Sousse, Tunisia in 2013 on elderly patients >70 years ($p = 0.007$; OR = 10,403; 95%CI = 2072–52,222) and in west and northern Sweden over 2008–2012 on elderly patients ≥60 years (OR = 8.40; 95%CI = 3.70–19.1), as well as based on the results of Indonesian health data from 2013 for elderly patients ≥60 years (OR = 4.5; 95%CI = 7.6–8.2) [21–23]. The three previous research studies have similar results, namely, that the elderly group has the highest risk of suffering from COPD versus other age groups.

The current study showed that the OR value of the male group was higher than for the female group ($p = 0.013$; OR = 3.273; 95%CI = 1.291–8.2999). This is in line with previous studies in Sousse, Tunisia in 2013 on a male group ($p = 0.010$; OR = 0.198 95%CI = 0.062–0.635) and in Anhui, China on a male group (OR = 2.01; 95%CI = 1.22–3.33), along with Indonesian health data from 2013 for a male group (OR = 1.3; 95%CI = 4–4.3) [21,22,24,25]. The four previous research studies have similar results, namely, that males have a higher risk of suffering from COPD than females. The differences in the ORs in each study, both for age and sex, could be caused by several factors, such as differences in the methods used and numbers of samples taken, and bias resulting from other influential risk factors.

4.3. Smoking Behavior

4.3.1. Smoking Habit

The current study shows that the OR values for smokers are higher than those for other groups ($p = 0.00050$; OR = 5.1318; 95%CI = 1.9004–13.8958). This is in line with a previous study in 2019 in the Abeshge District, Southern Ethiopia on a smokers group (OR = 4.19; 95%CI = 2.59–6.78) [8]. Two previous studies in Sousse, Tunisia and Anhui, China, which

described the smoking group in more detail, showed that current smokers have a higher risk than former smokers [21,25]. When compared with three previous studies, the OR value of a smoking habit in this study was higher than in those before. This may be because the methods used in this study were different and the number of participants was smaller. However, there was a similarity in that the smoker group had a greater risk of suffering from COPD than the non-smoker group. Smoking cigarettes over a long period disrupts ciliary movement, inhibits alveolar macrophage function and ultimately, leads to hypertrophy and hyperplasia of the mucus excreting gland [26]. Cigarette smoke contains many species of reactive oxygen (free radicals), which deplete the antioxidant mechanism, resulting in tissue damage and potentially leading to COPD [27].

4.3.2. Initial Smoking Age

Developing a smoking habit at the age of <15 years old presents the biggest risk, more so than any other (OR = 12; 95%CI = 1346–106,950). There is a significantly higher risk of COPD when starting smoking at <15 years of age (3.647–12%) than ≥ 15 years old as smoking in childhood and adolescence can slow the growth and development of the lungs, thereby increasing the risk of incidence of COPD during adulthood. The lungs still grow and develop until the age of 20 years; therefore, smoking prior to the age of 20 years causes one's lungs to develop sub-optimally both in terms of ability and function. These kinds of lungs fail to work properly, produce breath that tends to be short and will cause problems when used to exercise or perform physical activity. Although the health of people who quit smoking will increase dramatically compared with their health when they smoked, some cases of lung damage at an early age due to cigarettes are irreversible [28]. Therefore, it is necessary to implement policies regarding age restrictions on the purchase of cigarettes, especially for mobile cigarette sellers, as well as fostering cross-sector cooperation between health, education and other government sectors to spread the message about the dangers of smoking from an early age.

4.3.3. Smoking Duration

Smokers who smoked for more than 30 years had an 8.857 times greater risk of developing COPD compared with non-smokers ($p = 0.000$; OR = 8.857; 95%CI = 3.298–23.787). Yet, the results for smoking <30 years were not in line with other studies, which showed that smoking has an effect, i.e., that someone who has had a smoking habit for >20 years is three to four times more likely to develop COPD compared to someone whose has had a smoking habit for ≤ 20 years [29]. The result of this study may have been influenced by exposure to cigarette smoke from other people, as of the 55 respondents who smoked, 26 were also exposed to cigarette smoke from other people, which could have disturbed the results of the study. Nonetheless, the results for smoking ≥ 30 years are in line with other literature stating that the longer the smoking habit, the greater the risk of developing COPD [30].

5. Conclusions

A starting age for smoking of less than 15 years old has the highest risk (OR = 12; 95%CI = 1346–106,950) for COPD. The other factors that influenced the incidence of COPD were being male ($p = 0.00$; OR = 6.333; 95%CI = 2.776–14.450), elderly ($p = 0.00$; OR = 11,769; 95%CI = 4.086–33.903) and with a smoking duration ≥ 30 years (OR = 8857; 95%CI = 3298–23,787).

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Institutional Review Board Statement: This study was approved by Ethics Commission of Faculty of Public Health Universitas Airlangga (certificate number: 536-KEPK).

Informed Consent Statement: Informed consent was obtained from all subjects involved in this study.

Data Availability Statement: The data presented in this study are available on request from the corresponding author. The data are not publicly available due to some of the data taken contains the respondent’s personal information which cannot be disseminated publicly.

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Abbreviations

The following abbreviations are used in this manuscript:

COPD	Chronic Obstructive Pulmonary Disease
USD	United States Dollar
BLUD	Regional Public Service Agency (in English)
OR	Odds Ratio
CI	Confidence Interval

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