



**UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION**

ETHICAL CLEARANCE CERTIFICATE

Number : 141/HRECC.FODM/VII/2018

Universitas Airlangga Faculty Of Dental Medicine Health Research Ethical Clearance Commission has studied the proposed research design carefully, and therefore, shall herewith certify that the research entitled :

**"PENURUNAN JUMLAH SEL OSTEOKLAS PADA PEMBERIAN
HIDROKSIAPATT BERBASIS CANGKANG KEPITING (*Portunus
pelagicus*) PASCA EKSTRAKSI GIGI TIKUS WISTAR"**

Principal Researcher : NISRINA ALYA SAJIDAH GATIA

Unit/Institution/Place of Research : - Laboratorium Biokimia Fakultas
Kedokteran Universitas Airlangga
Surabaya
- *Research Center* Fakultas Kedokteran
Gigi Universitas Airlangga Surabaya

CERTIFIED TO BE ETHICALLY CLEARED



Surabaya, July 17th, 2018
Chairman,

Prof. Dr. M. Rubianto, drg, MS, Sp.Perio(K)
Official No.195009081978021001