



UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE  
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION

**ETHICAL CLEARANCE CERTIFICATE**

Number : 195/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 :

**“EKSPRESI RANKL PASCA PEMBERIAN SCAFFOLD  
HIDROKSIAPATIT DARI CANGKANG KEPITING (*Portunus pelagicus*) PADA SOKET PASCA PENCABUTAN GIGI MARMUT  
(*Cavia cobaya*)”**

Principal Researcher : AGAM WIRAYUDHA, drg

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

**CERTIFIED TO BE ETHICALLY CLEARED**



Surabaya, July 31<sup>st</sup>, 2018  
Chairman,

**Prof. Dr. M. Rubianto, drg, MS, Sp.Perio(K)**

Official No.195009081978021001