

October 26 2019

To whom it may concern,

Title study: Bacteroides fragilis enterotoxin upregulates heme oxygenase-1 in dendritic cells via reactive oxygen species-, mitogen-activated protein kinase-, and Nrf2-dependent pathway

Chief Investigator: Jung Mogg Kim, M.D., Ph.D.

Department of Microbiology, Hanyang University College of Medicine

This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

I have provided academic advice for colleagues concerning statistical methods and software in medicine. I have been, especially, involved in clinical hemodynamic modeling and implementing hemodynamic research software in an association of Echocardiography.

Sincerely,

Hyunsuk Frank Roh, M.D.

Director of Center

nGene Hemodynamic Research Center

Contact E-mail: Frank@nGene.org

A handwritten signature in black ink, appearing to read 'Frank Roh', is written over a light gray rectangular background.