



## IACUC Protocol Approval

- Title: Analysis of the optimal concentration of adipose-derived mesenchymal stem cells (AD-MSCs) for fracture union in a femur shaft fracture model of rat

- Principal Investigator (Name/Affiliation): Myung Seo Kim, Professor / Orthopedics/

- Study Period: 12/11/2020 ~ 12/09/2021

- Submitted protocol was review on December 10th, 2020

- Date of Approval: 12/11/2020

- Date of Expiration: 12/10/2021

- Approval Number: KHNMC AP 2020-018

Notice: It is the responsibility of the Principal Investigator to notify the IACUC of any proposed changes regarding the work described within this protocol. The Principal Investigator agrees that no such changes will be implemented until approved by the IACUC, except where absolutely necessary to eliminate apparent immediate hazards to person(s) and/or animal(s).

KYUNG HEE UNIVERSITY  
HOSPITAL AT GANGDONG

Chairperson Joo Young Moon

