

Stanford

Bomi Lee

Postdoctoral Scholar, Gastroenterology, Hepatology, and Nutrition

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Kyung Hee University (2007)
- Master of Science, Kyung Hee University (2009)
- Doctor of Philosophy, University of Minnesota Twin Cities (2016)

STANFORD ADVISORS

- Aida Habtezion, Postdoctoral Research Mentor
- Sohail Husain, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Antitumor effects of iPSC-based cancer vaccine in pancreatic cancer.** *Stem cell reports*
Ouyang, X., Liu, Y., Zhou, Y., Guo, J., Wei, T., Liu, C., Lee, B., Chen, B., Zhang, A., Casey, K. M., Wang, L., Kooreman, N. G., Habtezion, et al
2021
- **Distinct immune characteristics distinguish hereditary and idiopathic chronic pancreatitis.** *The Journal of clinical investigation*
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2020
- **Prevalence, risk factors and clinical outcomes of COVID-19 in patients with a history of pancreatitis in Northern California.** *Gut*
Gubatan, J. n., Levitte, S. n., Patel, A. n., Balabanis, T. n., Sharma, A. n., Jones, E. n., Lee, B. n., Manohar, M. n., Swaminathan, G. n., Park, W. n., Habtezion, A. n.
2020
- **RIP140 in Osteoclast Precursors Regulates Bone Homeostasis, Growth and Osteoclast Activity.**
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- **RIP140 in monocytes/macrophages regulates osteoclast differentiation and bone homeostasis** *JCI INSIGHT*
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- **Synergistic activation of Arg1 gene by retinoic acid and IL-4 involves chromatin remodeling for transcription initiation and elongation coupling** *NUCLEIC ACIDS RESEARCH*
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- **Receptor-Interacting Protein 140 Orchestrates the Dynamics of Macrophage M1/M2 Polarization** *JOURNAL OF INNATE IMMUNITY*
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- **Reducing RIP140 Expression in Macrophage Alters ATM Infiltration, Facilitates White Adipose Tissue Browning, and Prevents High-Fat Diet-Induced Insulin Resistance** *DIABETES*
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- **Linker Histone H1.2 cooperates with Cul4A and PAF1 to drive H4K31 ubiquitylation-mediated transactivation.** *Cell reports*
Kim, K. n., Lee, B. n., Kim, J. n., Choi, J. n., Kim, J. M., Xiong, Y. n., Roeder, R. G., An, W. n.
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- **Selective requirement of H2B N-Terminal tail for p14ARF-induced chromatin silencing.** *Nucleic acids research*
Choi, J. n., Kim, H. n., Kim, K. n., Lee, B. n., Lu, W. n., An, W. n.
2011; 39 (21): 9167–80
- **Inhibitory effects of steroidal timosaponins isolated from the rhizomes of Anemarrhena asphodeloides against passive cutaneous anaphylaxis reaction and pruritus** *IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY*
Lee, B., Trinh, H., Jung, K., Han, S., Kim, D.
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- **Anti-scratching Behavioral Effects of N-Stearoyl-phytosphingosine and 4-Hydroxysphinganine in Mice** *LIPIDS*
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- **Timosaponin AIII, a saponin isolated from Anemarrhena asphodeloides, ameliorates learning and memory deficits in mice (vol 93, pg 121, 2009)** *PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR*
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- **Mangiferin Inhibits Passive Cutaneous Anaphylaxis Reaction and Pruritus in Mice** *PLANTA MEDICA*
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- **Glycosaminoglycan Degradation-inhibitory Lactic Acid Bacteria Ameliorate 2,4,6-Trinitrobenzenesulfonic Acid-Induced Colitis in Mice** *JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY*
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- **Antiallergic effect of the root of Paeonia lactiflora and its constituents paeoniflorin and paeonol** *ARCHIVES OF PHARMACAL RESEARCH*
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- **Antiasthmatic effect of fermented Artemisia princeps in asthmatic mice induced by ovalbumin** *JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY*
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- **Inhibitory effect of schizandrin on passive cutaneous anaphylaxis reaction and scratching behaviors in mice** *BIOLOGICAL & PHARMACEUTICAL BULLETIN*

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Shin, Y., Bae, E., Lee, B., Lee, S., Kim, J., Kim, Y., Kim, D.

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● **Effect of fermented lactic acid bacteria on antiallergic effect of Artemisia princeps Pampanini** *JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY*

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