


## A Great Leap for Intestinal Research: 20 YEARS AND BEYOND

### Curriculum Vitae

Personal Information	
Title (i.e. Pf., Dr., etc.)	Pf.
Name (First name Middle name Last name)	Yonghyun Lee
Degree (i.e. MD, Msc, PhD, etc.)	PhD
Country	South Korea
Affiliation	College of Pharmacy, Ewha Womans University



Educational Background	
2008-2012	Ph.D., Biomedical Chemistry Lab (Advisor : Prof. Yunjin Jung), Graduate School of Pharmaceutical Sciences, Pusan National University
2004-2008	B.S., College of Pharmacy, Pusan National University

Professional Experience	
2020-present	Assistant Professor, College of Pharmacy, Ewha Womans University.
2017-2020	Research Scientist, Immunoengineering Lab (Advisor: Prof. James Moon), Department of Pharmaceutical Sciences, Department of Biomedical Engineering, University of Michigan, USA
2012-2017	Postdoctoral Research Associate, Bionanomedicine Lab (Advisor: Prof. Sangyong Jon), KI for Biocentury, KAIST

Professional Organizations	
2022 -present	Editorial Board Member, Journal of Pharmaceutical Investigation
2021 -present	Topic Editorial Board Member, Pharmaceutics.
2021 -present	Inaugural Early-Career Advisory Board (ECAB) Member, ChemMedChem.
2021 -present	Academic Committee Member, The Korea Society of Biomaterials.
2020-present	General Secretary Member, The Korean Society of Pharmaceutical Sciences and Technology.
2020-present	Member, The Pharmaceutical Society of Korea.
2010-2010	Exam Review Committee Member, Korea Patent Attorney Bar Examination.
2008-present	Pharmacist, Korean Pharmaceutical Association.

# IMKASID 2022

COMMEMORATING  
THE 20<sup>th</sup> ANNIVERSARY OF KASID

THE 5<sup>th</sup> INTERNATIONAL MEETING ON INTESTINAL DISEASES IN CONJUNCTION WITH  
THE ANNUAL CONGRESS OF THE KOREAN ASSOCIATION FOR THE STUDY OF INTESTINAL DISEASES

MAY 12 THU - 14 SAT, 2022 / BEXCO, Busan **IN PERSON & VIRTUAL EVENT** ▶▶

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### Main Scientific Publications

1. Yonghyun Lee, Kohei Sugihara, Merritt G. Gilliland III, Sangyong Jon, Nobuhiko Kamada, and James J. Moon. "Hyaluronic acid-bilirubin nanomedicine for targeted modulation of dysregulated intestinal barrier, microbiome, and immune responses in colitis." *Nature Materials*. 2020 Jan 1; 19 (1): 118-126.
2. Yonghyun Lee, Soyoung Lee, and Sangyong Jon. "Biotinylated bilirubin nanoparticles as a tumor microenvironment-responsive drug delivery system for targeted cancer therapy" *Advanced Science*. 2018 Apr 24; 5(6):1800017.
3. Yonghyun Lee, Soyoung Lee, Dong Yun Lee, Byeongjun Yu, Wenjun Miao, and Sangyong Jon "Multi-stimuli-responsive bilirubin nanoparticles for anticancer therapy." *Angewandte chemie*. 2016 Aug 26;55(36):10676-10680.
4. Yonghyun Lee, Hyungjun Kim, Sukmo Kang, Jinju Lee, Jinho Park, and Sangyong Jon. "Bilirubin nanoparticles as a nanomedicine for anti-inflammation therapy." *Angewandte chemie*. 2016 Jun 20;55(26):7460-7463