

Biography

Dr. Jinah Jang received her PhD from the Integrative Biosciences and Biotechnology Division at Pohang University of Science and Technology (POSTECH) (2015) in the Republic of Korea and trained as postdoctoral fellow at the Department of Mechanical Engineering at POSTECH (2015–2016) and Institute for Stem Cell and Regenerative Medicine and Department of Pathology and Bioengineering at the University of Washington (2016–2017). She joined POSTECH in the spring of 2017 as an assistant professor in the Creative IT Engineering, Mechanical Engineering, and School of Interdisciplinary Bioscience and Bioengineering. POSTECH is #1 in terms of university–industry collaboration according to the Times Higher Education (THE) 2017 ranking, #1 among the top 100 universities under 50 years old (Young University) rankings according to THE for three consecutive years (2012–2014), and #3 in the world according to the world’s best small universities in 2019.



She has published 48 peer-reviewed articles in journals including Nature Communications, Nature Biomedical Engineering, Advanced Functional Materials, Biomaterials, Biofabrication, and Acta Biomaterialia. Her h-index and citations (calculated by Google Scholar) are 22 and 2,333, respectively (as of August 30, 2019). In addition, she co-authored five book chapters.

She currently serves as an Editorial Board Member of Journal of Korean Society for Precision Engineering and as the Associate Editor of IEEE International Conference on Cyborg and Bionic Systems in 2018. She has also organized three conference sessions entitled “Bioprinting for Regenerative Medicine Applications,” at the 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2018 IEEE International Conference on Cyborg and Bionic Systems, and 2019 IEEE Nanomed. She has served as a board member of academic societies including the Korean Society for Precision Engineering and the Korean Society for Organoid. In particular, she served as one of the representative secretariats to organize the annual ISBF conference (International Conference on Biofabrication 2014) in Pohang, Korea. (<http://biofabrication2014.postech.ac.kr/sub01/sub01.php>) She has received numerous awards including the ISBF young scientist award in 2014.

She has served as a journal reviewer for over 20 journals including Advanced Functional Materials, Advanced Materials, Trends in Biotechnology, Biomaterials, Biofabrication, Drug Discovery Today, Acta Biomaterialia, Advanced Healthcare Materials, ACS Biomaterials Science & Engineering, and Materials. She has delivered numerous invited presentations at technical conferences and seminars at universities. Her research interests lie in engineering functional human tissues, particularly for cardiovascular and pancreatic tissues and using high-performance stem cells and printable biomaterials in 3D bioprinting.

Since the ISBF meeting started in 2010, she has been selected and given three oral presentations (2013 in El Paso, 2014 in Pohang, and 2017 in Beijing). In addition, she registered and participated in a conference held in Wurtzburg last year (2018) and her students and postdoc gave podium presentations at the conference.

In particular, she has good experience of participating in ISBF meetings because this society has tremendous potential to make a real impact in the field of cell and tissue engineering and provide strategic methods of clinical translation with academic rationale. Her administrative (as a conference secretariat) and technical experience will prove useful to the ISBF, which is why she would like to apply for an ISBF board membership position.