

Sang Yup Lee

Dr. Sang Yup Lee is Distinguished Professor at the Department of Chemical and Biomolecular Engineering, KAIST. He is also Senior Vice President for Research at KAIST. He has published more than 785 journal papers, 90 books/book chapters, and more than 860 patents in the field of biotechnology. He is serving as co-Editor-in-Chief of *Metabolic Engineering* (Elsevier), and as Associate Editor and Editorial Board Member of numerous journals in the field. He is currently elected member or fellow of Korean Academy of Science and Technology, National Academy of Engineering Korea, American Association for the Advancement of Science, American Academy of Microbiology, American Institute of Medical and Biological Engineering, Society for Industrial Microbiology, American Institute of Chemical Engineers, World Academy of Sciences, and National Academy of Inventors USA. He is also an International Member of both National Academy of Sciences USA and National Academy of Engineering USA, and a Foreign Member of Royal Society UK and Chinese Academy of Engineering. He has served as a Co-Chair of Global Future Council on Biotechnology at the World Economic Forum. He is currently serving as the Vice-Chair of the National Bio Council, which is chaired by the President of Korea. He received *Doctor Technices honoris causa* from Technical University of Denmark, and is honorary professor of many universities as well. He received numerous awards including the most prestigious Order of Science and Technology Merit-Changjo Medal, National Science Medal, Ho Am Prize, POSCO TJ Park Prize, Korea Best Scientist and Technologist Award, James Bailey Award, Marvin Johnson Award, George Washington Carver Award, Eni Award from Italian President, and Samson Israel Prime Minister's Award. His research interests are metabolic engineering, industrial biotechnology, systems biology, synthetic biology, biorefineries, and systems medicine.