

Shoji Takeuchi

Shoji Takeuchi received the B.E, M.E., and Dr. Eng. degrees in mechanical engineering from the University of Tokyo, Tokyo, Japan, in 1995, 1997, and 2000, respectively. He is currently a Professor in Department of Mechano-Informatics, Graduate School of Information Science and Technology, University of Tokyo. He was a director of Center for international research on Integrative Biomedical Systems (CIBiS) at the Institute of Industrial Science (IIS), University of Tokyo in 2017-2019 and a director of the Collaborative Research Center for Bio/Nano Hybrid Process at IIS in 2008-2018. He has authored more than 170 peer-reviewed publications and filed over 70 patents. He has been recognized with numerous honors including Young Scientists' Prize, the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology in 2008, the JSPS prize from the Japan Society for the Promotion of Science in 2010, ACS Analytical Chemistry Young Innovator Awards in 2015, and UNESCO Netexplo Award Winner 2019. His current research interests include 3D tissue fabrication, implantable devices, artificial lipid bilayer systems, and biohybrid MEMS.

He is willing to run for the for the ISBF board position, because his current research based on the 3D tissue fabrication has been applied to a wide range of application, including not only regenerative medicine but also drug testing, soft robotics, biohybrid sensors and cultured meat research, which would open up a new paradigm for the biofabrication community.