

Li Tan (譚力)

Affiliation: Chengdu Institute of Biology, Chinese Academy of Sciences

Research title for the award: Recycling of municipal solid waste via ethanol and/or methane fermentation



Dr. Li Tan received his doctoral degree from Kumamoto University in September 2014. He performed postdoctoral research at Sichuan University from November 2014 to October 2016. He is now working as an assistant professor in Chengdu Institute of Biology, Chinese Academy of Sciences.

He is interested in environmental biotechnology including waste-to-energy and phytoremediation. He published over 30 peer-reviewed papers, including 25 publications in SCI journals. He was supported by the “Light of West China” Talent Program, Chinese Academy of Sciences in 2017. He has been in charge of General Project of China Postdoctoral Science Foundation on recycling of municipal solid waste (MSW), which focused on ethanol-methane two-stage fermentation of carbohydrate-rich municipal solid waste to maximize the energy recovery from materials and reduce emission of organic compounds. Also, he participated in National Key Technology R&D Program of China, National Natural Science Foundation of China, Key Deployment Projects of CAS, and Science and Technology Service Network Initiative of CAS on breeding and cultivation of bioenergy crops and phytoextraction of heavy metals from polluted soil and water.

[Message as a prize winner]

It is my greatest honor to receive the 2019 Young Asian Biotechnologist Prize awarded by the Society for Biotechnology, Japan. I would like to express appreciation to SBJ for this tremendous honor. This honor encourages me to remain committed to the field of recycling of municipal solid waste. I hope my work on waste-to-energy is able to promote construction of sustainable society. In addition, I will continue to devote to enhance academic collaboration with SBJ.

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