

Han Xiao

Affiliation: Shanghai Jiao Tong University, P.R.China

Research title for the award: Metabolic engineering of *Saccharomyces cerevisiae* for efficient biosynthesis of antitumor ganoderic acid HLDOA



Han Xiao obtained her Ph.D. degree from Chinese Academy of Sciences in 2012. Then, she moved to University of Illinois at Urbana-Champaign and worked with Prof. Huimin Zhao as a postdoctoral scholar during 2012-2015. She joined Shanghai Jiao Tong University (SJTU) as an associate professor in 2015. Dr. Xiao's research is to develop and apply gene editing platforms to identify the genetic determinants for chassis cell construction regarding efficient biomanufacturing. She has published 20 Science Citation Index (SCI)-cited papers and holds 2 patents. Since she joined the molecular biochemical engineering research group at SJTU, she mainly focuses on efficient biosynthesis of useful secondary metabolites from mushroom by collaborating with Prof. Jian-Jiang Zhong. In 2018, Dr. Xiao received the Chenxing Outstanding Young Scholar Award from SJTU.

[Message as a prize winner]

I want to express my sincere appreciation to the Society for Biotechnology, Japan for selecting me as the prize winner of the DaSilva Award 2019. This prize is a recognition to me and encourages me to do more exciting work by collaborations with scientists from Japan and other Asian countries. I would like to thank Prof. Jian-Jiang Zhong for nominating me for this prize and providing me the strongest support since I started my faculty job at SJTU in 2015. In addition, I really appreciate my collaborators, diligent students and financial support, which ensure that my research projects run smoothly.

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