



XU Jianhe

Department: School of Biotechnology
Professional field: Biocatalysis and Bioprocessing
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Profile

Mr. Jian-He Xu graduated from Tsinghua University in 1987 and got his Ph.D. degree from East China University of Science and Technology (ECUST) in 1995, with partial research performed in Kyoto University during 1992-1994. He then joined the State Key Laboratory of Bioreactor (SKLBE) at ECUST and acted as the Director of SKLBE during 2006-2017. Currently he serves as the Editor-in-Chief of Bioresources and Bioprocessing.

Research Field

His research interest involves biocatalysis and molecular enzyme engineering, as well as the industrial application of relevant technologies. He acts as the principal investigator of a couple of national key projects in the field of synthetic biology and in vitro cascade enzyme reactions.

Research results and main published thesis

He has published more than 350 peer-reviewed papers in peer-reviewed journals including PNAS, Angew Chem and ACS Catal, with over 6000 times of citation by SCI-indexed journals. He has filed more than 100 patents. He has got a lot of prizes, including "Du Pont/Genencor Award for Outstanding Achievement in Enzyme Engineering of China" (2013) and "Shanghai Municipal Prize for Technological Innovation (First Class)" (2018).