

重庆大学药学院

天然产物全合成与创新药物研究重庆市重点实验室

学术报告 第三百二十六讲

报告题目: Metalloradical Catalysis (MRC): General Approach for Homolytic Radical Reaction

报告人: Xiao-Xiang Zhang(张小祥) 教授 (Boston College)

时 间: 2024 年 6 月 17 日 (周一) 上午 10: 00

地 点: 药学院学术报告厅

报告人简介:

Dr. Zhang's primary research focuses on developing new catalytic systems for stereoselective chemical transformations and their applications in the practical synthesis of biologically and pharmaceutically important molecules. He is particularly interested in developing one-electron catalytic approaches to utilize homolytic radical reactions for stereoselective construction of molecular structures. Meanwhile, he is also working on establishing metalloradical catalysis (MRC) as a new concept and a general approach for controlling the reactivity and selectivity of various radical processes.



Research Interests: new catalytic systems for stereoselective chemical transformations and their applications for practical synthesis of biologically and pharmaceutically important molecules particularly in one-electron catalytic approaches to harness the vast potential of homolytic radical reactions.