

Jianping (JP) Xu 教授学术报告

时间：12月8日周五 14:00-16:00

地点：工程中心 424 会议室

报告题目：Fungal Mitochondrial Inheritance: from natural population genetics to laboratory investigations and back

Abstract: Mitochondria are essential organelles in eukaryotic cells. It's generally believed that mitochondria are inherited from a single parent, predominantly the maternal parent. However, most studies on mitochondrial inheritance have been on plants and animals. In this presentation, I will show a diversity of fungal mitochondrial inheritance patterns and describe how they differ from those in plants and animals. I will describe how an accidental finding from the last century has led us to a journey full of surprises and to identifying a model from which to further test the molecular mechanisms and evolutionary hypotheses about the potential costs and benefits of uniparental and biparental mitochondrial inheritance.

主讲人介绍：加拿大麦克马斯特大学生物学院终身教授教授，主要研究分子生态学；遗传学；分子生物学；医学真菌学；种群生物学；基因组学；食用菌学；保护生物学；微生物生态学；分子流行病学等领域。曾获 2002-2007 年主要研究卓越奖，2005 年获加拿大遗传学会罗伯特海因斯青年科学家奖。曾任海南医学院、中南林业科技大学、云南大学客座教授，中国科学院微生物研究所、昆明植物研究所研究员。曾发表同行评审学术文章 157 篇，现任《Genome》、《Mycology》、《Mycopathologia》、《Mycoses》等学术期刊副编委。

主办：国际合作交流处