

华南肿瘤学国家重点实验室海外名师讲坛

讲座题目: Diet, Metabolism and Cancer

讲座内容

Dr. Chen is interested in elucidating the signaling interplay between metabolic and cell signaling networks for a better understanding of cancer metabolism and improved clinical outcome. His talk will cover two major research focuses: (1) To determine both metabolic and signaling functions of intracellular metabolites and circulating “blood chemicals”, which influence tumorigenesis and tumor progression, and responses to anti-cancer therapies including chemotherapy and immunotherapy; (2) To decipher mechanistic basis underlying the pathogenic links between diets and particular oncogenic mutations by exploring the pro- and anti-tumor effects of diet-derived substances on tumors with specific genetic backgrounds.

讲者介绍



Jing Chen 博士是芝加哥大学 Janet Davison Rowley Distinguished Service Professor in Cancer Research, 血液学/肿瘤学分部基础与转化科学主任, 医学系转化科学副主任, 芝加哥大学生物科学部癌症代谢组学研究中心的首任主任, 是癌症代谢领域的著名学者, 因在该领域的重要发现而获得多项奖项。他于 1994 年获得中国科学技术大学的生物分子学士学位, 于 2001 年获得埃默里大学生物化学博士学位, 并于 2004 年在哈佛医学院和布莱根妇女医院完成博士后研究。在加入芝加哥大学之前, 他是埃默里大学医学院的血液学/医学肿瘤学教授和 R. Randall Rollins 冠名教授, 以及埃默里大学 Winship 癌症研究所的细胞和分子生物学研究项目负责人。他的研究成果发表在 *Cancer Cell*, *Molecular Cell*, *Cell Metabolism*, *Nature Cell Biology*, *Cancer Discovery* 等高影响杂志。