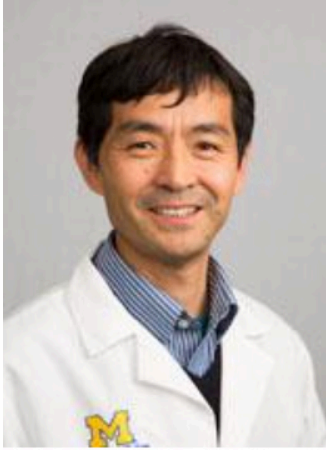




浙江大学医学院系列学术报告

Brain-fat axis and obesity



报告人: Liangyou Rui, PhD

University of Michigan

时 间: 2018年3月27日

上午10:00-11:00

地 点: 医学院综合楼205

主持人: 孟卓贤 研究员

报告人简介:

Dr. Liangyou Rui is a Professor of Molecular & Integrative Physiology and Internal Medicine at the University of Michigan. Dr. Rui's laboratory investigates the physiological and molecular mechanisms of obesity, diabetes, and nonalcoholic fatty liver disease (NAFLD). Particularly, Dr. Rui's laboratory studies hypothalamic signal transduction pathways and hypothalamic neural circuits that regulate energy homeostasis, body weight, and glucose and lipid mobilization and metabolism; neuronal and hormonal regulation of adaptive thermogenesis and its role in the development of obesity and diabetes; and hepatocyte-immune cell crosstalk in the liver and the role of inflammatory pathways in NAFLD. Dr. Rui has published more than 80 research articles in high impact journals including *Nature Medicine*, *Cell Metabolism*, *Cell Reports*, and *Diabetes*.

Selected publications:

1. Sun C, Jiang L, Liu Y, Shen H, Weiss SJ, Zhou Y, **Rui L**. Adipose Snail1 regulates lipolysis and lipid partitioning by epigenetically repressing adipose triacylglycerol lipase expression. *Cell Reports*. 17(8), 2015-2027, 2016.
2. Sheng L, Zhou Y, Chen Z, Ren D, Cho KW, Jiang L, Sasaki Y, **Rui L**. NF- κ B-inducing kinase (NIK) promotes hyperglycemia and glucose intolerance in obesity by augmenting glucagon action. *Nature Medicine*. 18: 943-9, 2012.

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