中国科学院生物物理研究所

贝时璋讲座

Synapse formation, muscular dystrophy and brain disorders

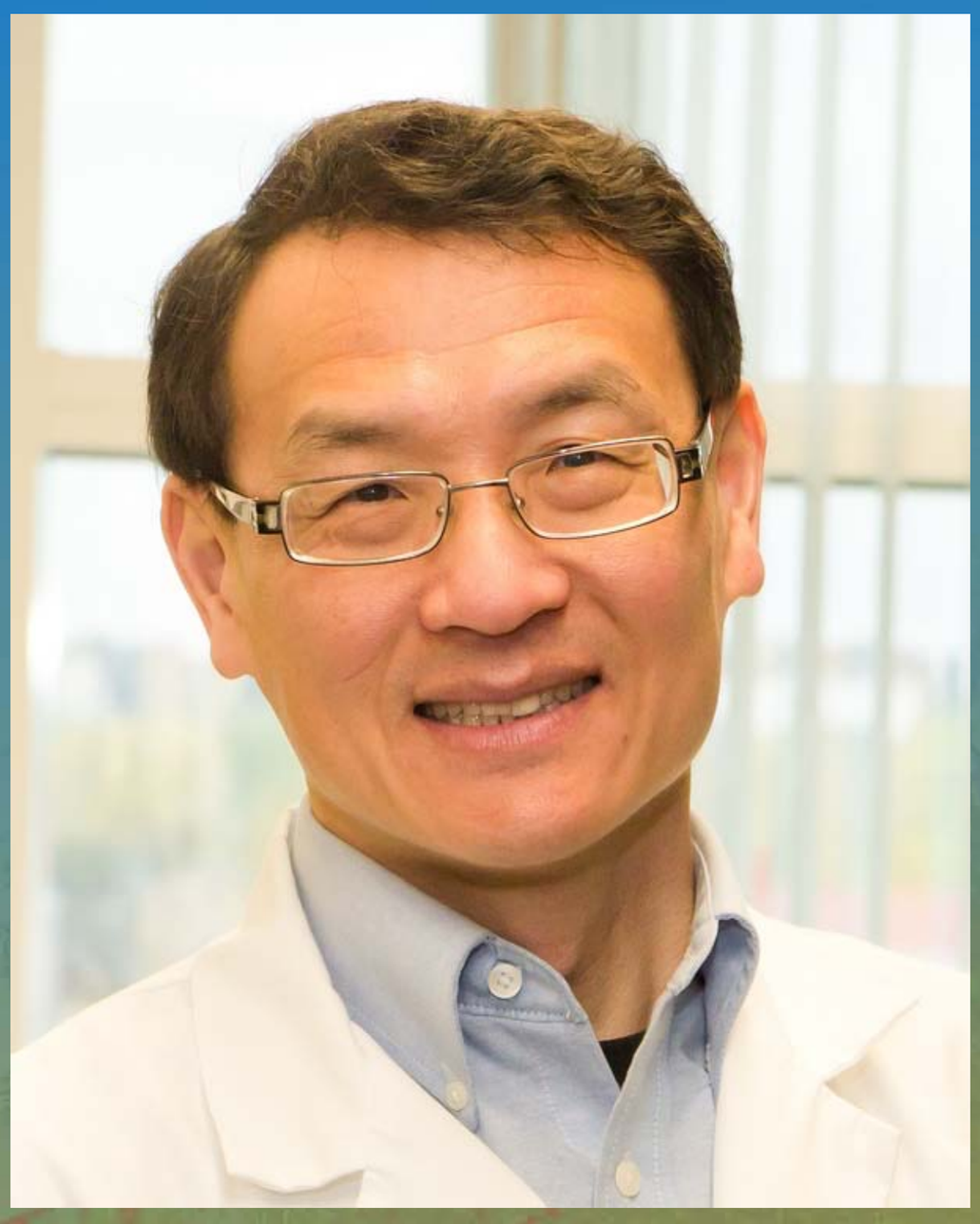
报 告 人： 梅林教授

报告时间： 2015年12月23日（星期三）14:00

报告地点： 生物物理所9501会议室

主 持 人： 王晓群 研究员

报告人简介



Dr. Lin Mei, Professor and Chair (Inaugural), Dept. of Neuroscience and Regenerative Medicine, Georgia Regents University. He has focused on synapse formation and plasticity using both peripheral and central synapses as models. He has been studying mechanisms of synapse formation using the neuromuscular junction as a model and contributed to a better understanding of neuromuscular disorders. He is also interested in functions and underlies mechanisms of neuregulins in neural development and synaptic plasticity and their implications in pathophysiological mechanisms of pathophysiological mechanisms of brain disorders because both neuregulin1 and its receptor ErbB4 are risk genes of schizophrenia, bipolar and major depression. He has discovered that NRG1 and ErbB4 regulate the assembly of the GABAergic circuit during development and are critical for GABAergic transmission. The NRG1/ErbB4 activity is essential for proper excitatory/inhibitory balance in the brain. He has published ~135 papers on prestigious journals and ~40 reviews and book chapters.