

“Establishing novel animal models for biomedical research 广西特色实验动物模型的制备及应用”

Prof. Jing Leng
Guangxi University of Traditional Chinese Medicine



Date : 5 March 2019

Time: 12:30pm – 2:00pm

Venue: Room G5-314, 5/F , Yeung Kin Man Academic Building

Light lunch will be provided.

Prof. Jing Leng applies bioengineering technology to carry out research and technology development for immunomodulators, natural immune cells, and animal models for human diseases. In recent years, she has studied the mechanisms of innate immune receptor TLR family in anti-tumor and anti-HBV functions. She has been developing important experimental animal models including tree shrew and primate models and in particular, she has established the Yaoshan subspecies tree shrew population as a novel animal model. She has led the completions of projects including "Tree shrew toll-like receptor family gene analysis and virus identification by toll-like receptors", "Mechanism of HBV escape from natural immune identification", "Regulating tree shrew antiviral immune system and optimization of tree shrew human HBV infection model", and "Guangxi technology platform for research on Chinese traditional medicine and disease animal models".

Prof. Leng is the Vice president of Guangxi University of Traditional Chinese Medicine, a Director of the Chinese Society of Immunology, a Director of the China Society of Experimental Animals, Chairman of the Guangxi Society of Experimental Animals, Director of the Research Center for Medical Engineering Technology of Crab-eating Macaque in Guangxi, Director of Guangxi Key Laboratory in Universities.

冷静教授主要从事应用生物工程技术开展免疫调节剂的研制与开发、天然免疫细胞和分子等研究，以及模式动物的建立和生物医学研究应用。近年来着重研究天然免疫识别受体TLR家族及其在抗肿瘤、抗HBV的作用及机制、瑶山亚种树鼯种群的建立及实验动物模型制备、树鼯与灵长类实验动物比较免疫学研究等。牵头完成的“树鼯TOLL样受体家族基因分析及病毒核酸识别相关TOLL样受体研究”、“HBV逃逸机体天然免疫识别的机制研究”、“调节树鼯抗病毒免疫系统优化树鼯人乙肝病毒感染模型的新技术研究”和“广西中医证候、疾病动物模型关键技术平台的构建研究”等重大项目。

冷静博士现任广西中医药大学教授、副校长，中国免疫学会理事，中国实验动物学会理事，广西实验动物学会理事长，广西食蟹猴医学应用工程技术研究中心主任，广西高校重点实验室主任，免疫学学科带头人。

*The seminar will be given in Putonghua.

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All are welcome!