

BIOLS SEMINAR SERIES

北京生命科学研究院精品讲座

报告时间：2014年04月10日（星期四）上午09:30

报告地点：中国科学院微生物研究所A102会议室

报告题目：Structural and functional analyses of old and newly-emerged bunyaviruses.

报告人：Richard Michael Elliott. Fellow of the Royal Society of Edinburgh.

Bill Jarrett Professor of Infectious Diseases, University of Glasgow, UK.

欢迎广大科研人员和研究生光临！



Richard Elliott教授为英国格拉斯哥大学MRC 病毒研究中心传染病实验室教授，国际知名病毒学专家。他1979年获牛津大学博士学位，1979至1981年在美国Mount Sinai医学中心从事流感病毒分子生物学相关的博士后研究工作。此后，他先后在格拉斯哥大学和圣安德鲁斯大学开展病毒学相关的研究工作。2013年，Elliott教授回到格拉斯哥大学，主持传染病实验室（Bill Jarrett Chair of Infectious Diseases）工作，主要从事病毒分子生物学、病毒宿主相互作用、感染与免疫分子机制等方向的研究。

Elliott教授至今已发表学术论文150余篇，他曾任*Cell*、*Nature*、*Nucleic Acids Research*、*PLoS Pathogens*等一流学术杂志审稿人，以及*The Journal of General Virology*、*Virus Research*等杂志的主编和编委，现任*Virology*和*Journal of Virology*等杂志编委。他现为美国病毒学会、美国微生物学会等学会会员，同时担任National Collection of Pathogenic Viruses和European Virus Archive等机构顾问，1999年当选爱丁堡皇家学会院士，2012年荣获Wellcome Trust Senior Investigator Award。

Key Publications:

- 2014. Emerging phleboviruses. *Current Opinion in Virology*. Feb 27;5C:50-57
- 2014. The consequences of reconfiguring the ambisense S genome segment of Rift Valley fever virus on viral replication in mammalian and mosquito cells and for genome packaging. *PLoS Pathogens*. Feb 13;10(2):e1003922.
- 2014. Pan-viral specificity of IFN-induced genes reveals new roles for cGAS in innate immunity. *Nature*. Jan 30;505(7485):691-5.
- 2013. Nucleocapsid protein structures from orthobunyaviruses reveal insight into ribonucleoprotein architecture and RNA polymerization. *Nucleic Acids Research*. Jun;41(11):5912-26.
- 2013. Orthobunyavirus ultrastructure and the curious tripodal glycoprotein spike. *PLoS Pathogens*. 9(5):e1003374.
- 2012. Attenuation of bunyamwera orthobunyavirus replication by targeted mutagenesis of genomic untranslated regions and creation of viable viruses with minimal genome segments. *Journal of Virology*. Dec;86(24):13672-8.
- 2012. Viperin, MTAP44, and protein kinase R contribute to the interferon-induced inhibition of Bunyamwera Orthobunyavirus replication. *Journal of Virology*. Nov;86(21):11548-57.
- 2010. Optineurin negatively regulates the induction of IFN β in response to RNA virus infection. *PLoS Pathogens*. Feb 19;6(2):e1000778.
- 2009. Bunyaviruses and climate change. *Clinical Microbiology and Infection*. Jun;15(6):510-7.
- 2009. Normal tissue reactions to radiotherapy: towards tailoring treatment dose by genotype. *Nature reviews Cancer*. Feb;9(2):134-42.

联系电话：64887916 联系人：程浩

