



ROYAL SOCIETY
OF CHEMISTRY



天津大学
Tianjin University



RSC-TJU Symposium on Antibacterial Agents: Chemistry & Mechanism of Actions

Programme Agenda

27 August 2015, Tianjin University, Tianjin, China

Meeting Room No. 8, Conference Building (会议楼第8会议室)

Chair: Prof Jay Siegel, *Dean, School of Pharmaceutical Science & Technology, Tianjin University*

Time	Event	Session Chair
09:00	Introduction and welcome	
09:20	Advanced methods for antibiotic discovery from actinomycetes Jeff Errington, <i>Centre for Bacterial Cell Biology, Newcastle University, UK</i>	Matthias Bureik, <i>Tianjin University</i>
10:50	The challenge of discovering and developing novel microbial natural product antibiotics to fight infectious diseases Olga Genilloud, <i>Fundación MEDINA, Spain</i>	
10:20	Coffee break	
10:50	Structure-based approach toward development of NDM-1 and ESBL inhibitors Qingzhi Gao, <i>School of Pharmaceutical Science & Technology, Tianjin University, China</i>	Yan Zhang, <i>Tianjin University</i>
11:20	Introduction to chemical databases and literature tools provided by the Royal Society of Chemistry Serin Dabb, <i>Executive Editor, Data at the Royal Society of Chemistry, UK</i>	
11:50	Group photo & Lunch	
14:30	Discovery, biosynthesis and bioengineering of novel polyketide antibiotics Gregory L Challis, <i>Department of Chemistry, University of Warwick, UK</i>	Kenneth Woycechowsky, <i>Tianjin University</i>
15:00	Phylogenetic evolution, mechanism and application of antibiotic glycosyltransferases Jianjun Qiao, <i>School of Chemical Engineering & Technology, Tianjin University, China</i>	
15:30	Coffee break	
16:00	A two-prong approach to understanding and combating resistance to aminoglycosides Sylvie Garneau-Tsodikova, <i>College of Pharmacy, University of Kentucky, USA</i>	Youcai Zhang, <i>Tianjin University</i>
16:30	Design of wide-spectrum inhibitors targeting coronaviruses Haitao Yang, <i>School of Life Sciences, Tianjin University, China</i>	
17:00	Close	