

# 2016 Workshop on Environmental Dimension of Antibiotic Resistance

## Workshop Agenda

Institute of Urban Environment, Chinese Academy of Sciences.

Mar. 1, 2016.

Location: Room 207, Main Building

Time	Title	Speaker
9:00 - 9:10	Opening Remark	Yong-Guan Zhu
9:10 - 10:00	Considerations for managing antimicrobial resistance in the urban environment	Ed Topp
10:00 - 10:30	VBNC <i>E.coli</i> induced by chlorination performed much higher persistence to antibiotics than their culturable counterpart	Xin Yu
10:30 - 11:00	The skin microbiota in relation to age and residential environment	Antti Karkman
11:00 - 11:30	Dissemination of antibiotic resistance genes from wastewater treatment plants	Jian-Qiang Su
11:30 - 12:00	Long-term field application of sewage sludge increase the abundance of antibiotic resistance genes in soil	Qing-Lin Chen
12:00 - 14:00	Lunch	
14:00 - 14:30	Natural immunity	Lasse Ruokolainen
14:30 - 15:00	Microbial communities of the influents from Wastewater Treatment Plants	Xin-Li An

15:00 - 15:30	The occurrence of antibiotics and resistance genes in farmlands of Fujian, China and the potential technology for their control in wastewater	Xu Huang
15:30 - 16:00	A High-Throughput Quantitative PCR Chip for Microbial Source Tracking	Fang-Fang Zhuang
16:00 - 17:00		Discussion

\*20 min presentation and 10 min discussion for each talk.