

Session H: Micro- and Nano- Biotechnology

June 24 (Saturday), Room AC122, 1st floor International Conference Hall

10:50 Invited Speech

Dr. Zhou Tong

Institute Of Microbiology, Chinese Academy of Sciences

11:15 H-1: Preparation of surface modified superparamagnetic nanoparticles for the detection of human serum

Chu-Wen Chen and Mei-Jywan Syu, National Cheng Kung University, Tainan, Taiwan*

11:30 H-2: Analysis of pH dependent zeta potentials of nanopore and vesicles by resistive pulse sensing technique

Yen-Shao Su Chun-Hsiang Wang, Tzung-Han Chou and Li-Hsien Yeh, National Yunlin University of Science and Technology, Yunlin, Taiwan*

11:45 H-3: Biofabrication of gold nano-particles and the enzymatic activity of *Shewanella*

Jhe-Wei Wu and I-Son Ng, National Cheng Kung University, Tainan, Taiwan*

12:00 H-4: One-step assembly of organophosphorus hydrolase and affinity peptide on phage and its application on biosensor

An-Yu Chen, and Wei-Yu Wang, Cyuan-Jhe Wu and Shen-Long Tsai, National Taiwan University of Science and Technology, Taipei, Taiwan