

# Baxter China Young Investigator Award

## 2016 Winners

### FIRST-TIER WINNERS 一等奖获得者

**Chen Xuanze 陈轩泽** / Graduate Student 研究生 / Peking University 北京大学

Department of Biomedical Engineering, College of Engineering 工学院 生物医学工程系

**Advisor 导师:** Xi Peng 席鹏

Research Title 论文名称: Study of RNA Polymerase II Clustering inside Live-Cell Nuclei Using

Bayesian Nanoscopy 贝叶斯超分辨显微成像实现活细胞转录工厂的研究

**Dou Pengjia 窦鹏佳** / Graduate Student 研究生 / Shanghai tech University 上海科技大学

School of Physical Science and Technology 物质科学与技术学院

**Advisor 导师:** He Tao 何涛

Research Title 论文名称: Reuse of used dialysate by forward osmosis and reverse osmosis

面向废液回用的正渗透/反渗透技术研究

**Qiao Shigang 乔世刚** / Graduate Student 研究生 / Soochow University 苏州大学

School of Pharmaceutical Science 医学部药学院

**Advisor 导师:** Zhang Huiling 张慧灵

Research Title 论文名称: Role of necroptosis kinase RIP1K induced autophagic flux in type 2 diabetic myocardial fibrosis and ischemia/reperfusion injury 坏死性凋亡激酶 RIP1K 介导的自噬流在 2 型糖尿病心肌纤维化及并发心脏缺血再灌注损伤中的作用

**Yang Weijing 杨炜静** / Graduate Student 研究生 / Soochow University 苏州大学

College of Chemistry, Chemical Engineering and Materials Science 材料与化学化工学部

**Advisor 导师:** Meng Fenghua 孟凤华

Research Title 论文名称: Robust multifunctional polymersomal nanomedicines for targeted lung

cancer therapy in vivo 多功能聚合物囊泡纳米药物用于体内的肺癌靶向治疗

**Zhao Xiaoyang 赵晓阳**/ Graduate Student 研究生/ Soochow University 苏州大学

Department of Biology & Basic Medical Sciences 基础医学与生物科学学院

**Advisor 导师:** Su Xiong 苏雄

Research Title 论文名称: Fatty Acid Regulation of ER Stress and Insulin Resistance induced by Nanoparticles (In preparation) 脂肪酸对纳米颗粒引起的内质网应激与胰岛素抵抗的调控作用 (准备中)

## **SECOND-TIER WINNERS 二等奖获得者**

**Zhu Qing 朱清**/ Graduate Student 研究生/ Soochow University 苏州大学

College of Chemistry, Chemical Engineering and Material Science 化学, 化学工程及材料学院

**Advisor 导师:** Li Jianguo 李建国

Research Title 论文名称: Multiple Signal Amplified Electrochemiluminescent Immunoassay for Hg<sup>2+</sup> Using Graphene Coupled Quantum Dots and Gold Nanoparticles-Labeled Horseradish Peroxidase. 利用石墨烯-量子点和金纳米粒子标记的辣根过氧化物酶来实现多重信号放大的, 用来检测汞离子的电化学发光免疫分析

**Luo Kaiwen 罗凯文**/ Graduate Student 研究生/ China Pharmaceutical University 中国药科大学

College of Pharmacy 药学院

**Advisor 导师:** Feng Fang 冯芳

Research Title 论文名称: Identification of absorbed components and metabolites of Zhi-Zi-Hou-Po decoction in rat plasma after oral administration by an untargeted metabolomics-driven strategy based on LC-MS 基于 LC-MS 的非靶标代谢组学策略识译栀子厚朴汤大鼠口服给药血浆中的入血成分和代谢产物

**Lv Kunyong 吕坤勇**/ Graduate Student 研究生/

University of Shanghai for Science and Technology 上海理工大学

School of Medical Instrument and Food Engineering 医疗器械与食品工程学院

**Advisor 导师:** Song Chengli 宋成利

Research Title 论文名称: Development of a Steerable Instrument for Single-incision Laparoscopic Surgery  
用于单切口腹腔镜手术的可操作器械设计

**Mao Lin 毛琳**/ Postdoctoral Fellow 博士后研究员/

University of Shanghai for Science and Technology 上海理工大学

School of Medical Instrument and Food Engineering 医疗器械与食品工程学院

**Advisor 导师:** Song Chengli 宋成利

**Research Title 论文名称:** Construction of large-scale functional 3D microvascular networks to study macrophage related inflammatory response 构建 3D 微血管研究巨噬细胞参与的炎症反应

**Yi Lin 易琳/ Graduate Student 研究生/ Soochow University 苏州大学**

College of pharmacy 药学院

**Advisor 导师:** Zhang Zhenqing 张真庆

**Research Title 论文名称:** UP-HILIC-MS/MS to Determine the Action Pattern of Penicillium sp. Dextranase  
超高效亲水相互作用色谱-二级质谱联用方法研究小刺青霉菌右旋糖酐酶水解作用机制

**Hao Jie 郝杰/ Graduate Student 研究生/ Soochow University 苏州大学**

College of Pharmaceutical Sciences 药学院

**Advisor 导师:** Zhang Zhenqing 张真庆

**Research Title 论文名称:** The preparation of novel oligoglucuronic acids and their potential application in anti ischemic cerebral vascular disease 新型糖醛酸寡糖的制备及其潜在的抗脑缺血活性研究

**Ouyang Yilan 欧阳艺兰/ Graduate Student 研究生/ Soochow University 苏州大学**

College of Pharmaceutical Sciences 药学院

**Advisor 导师:** Zhang Zhenqing 张真庆

**Research Title 论文名称:** Fingerprinting Analysis of Low Molecular Weight Heparins by Multiple Heart-Cutting Two Dimensional Chromatography with Quadruple Time-of-Flight Mass Spectrometry 基于多中心切割二维液相与飞行时间质谱联用仪对低分子量肝素的指纹图谱分析

**Zhang Pei 张培/ Graduate Student 研究生/ China Pharmaceutical University 中国药科大学**

School of Pharmacy 药学院

**Advisor 导师:** Xu Fengguo 许风国

**Research Title 论文名称:** Studies on the mechanism and prediction of cisplatin nephrotoxicity using metabolomics 基于代谢组学的顺铂肾毒性机制和安全性预测研究

**Yin Tingjie 殷婷婕/ Postdoctoral Fellow 博士后研究员/ China Pharmaceutical University 中国药科大学**

School of Pharmacy 药学院

**Advisor 导师:** Zhou Jianping 周建平

**Research Title 论文名称:** Smart Nanoparticles with a Detachable Outer Shell for Maximized Synergistic Antitumor Efficacy of Therapeutics with Varying Physicochemical Properties 壳交联型还原敏感纳米粒子用于肿瘤靶向共递亲水性 siRNA 和疏水性化药的设计与研究

**Zhang Fangrong 张芳榕 / Graduate Student 研究生 / China Pharmaceutical University 中国药科大学**

School of Pharmacy 药学院

**Advisor 导师:** Wang Wei 王伟

**Research Title 论文名称:** A dual-targeting drug co-delivery system for tumor chemo- and gene combined therapy 化疗联合基因治疗的双靶向仿生型抗肿瘤药物递送系统研究