

# Baxter China Young Investigator Award

## 2017 Winners

### FIRST-TIER WINNERS 一等奖获得者

**Chen Jing 陈景** / 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:** Zhong Zhiyuan 钟志远

**Research Title 论文名称:** Multifunctional photoclick hyaluronic acid nano/microgels for tumor-targeted protein therapy 基于光点击化学的多功能透明质酸纳米凝胶和微米凝胶用于蛋白质药物的肿瘤靶向治疗

**Rong Yinxiu 戎银秀** / 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:** Sequencing analysis of  $\beta$ -glucan from highland barley with high performance anion exchange chromatography coupled to quadrupole time – of – flight mass spectrometry 基于离子色谱串联单四级杆-飞行时间分析质谱仪对青稞 $\beta$ -葡聚糖的序列解析

**Hu Yihui 胡益辉** / Postdoctoral Fellow 博士后研究员 / China Pharmaceutical University 中国药科大学

College of Pharmacy 药学院

**Advisor 导师:** Ding Ya 丁娅

**Research Title 论文名称:** Surface-Enhanced Raman Scattering Active Gold Nanoparticles with Enzyme-Mimicking Activities for Measuring Glucose and Lactate in Living Tissues 基于金纳米颗粒类酶活性激活的表面增强拉曼散射光检测活体组织中的葡萄糖和乳酸

**Zhou Congcong 周聪聪** / Postdoctoral Fellow 博士后研究员 / Zhejiang University 浙江大学

College of Biomedical Engineering& Instrument Science 生物医学工程学院

**Advisor 导师:** Ye Xuesong 叶学松

Research Title 论文名称: Study of Artifact-Resistive Technology Based on a Novel Dual  
Photoplethysmography Method for Wearable Pulse Rate Monitors  
基于双光路 PPG 心率监测的抗运动干扰技术研究

**Chen Weiliang 陈维良** / Graduate Student 研究生 / Soochow University 苏州大学

Department of Pharmaceutics 药学院

**Advisor 导师:** Zhang Xuenong 张学农

Research Title 论文名称: Stepwise pH-responsive nanoparticles for enhanced cellular uptake and on-demand  
intracellular release of doxorubicin  
逐步 pH 响应纳米粒用于增强阿霉素的细胞摄取与胞内按需释药

## **SECOND-TIER WINNERS 二等奖获得者**

**Cheng Sen 程森** / Graduate Student 研究生 / Peking University 北京大学

College of Chemistry and Molecular Engineering 化学与分子工程学院

**Advisor 导师:** Liu Xiaoyun 刘小云

Research Title 论文名称: Identification of a novel Salmonella type III effector by quantitative secretome profiling  
高通量分泌蛋白质组学鉴定沙门氏菌全新效应蛋白

**Qiu Min 邱敏** / 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:** Zhong Zhiyuan 钟志远

Research Title 论文名称: Robust and versatile nanoplatfoms based on biodegradable polylipopeptide for targeted  
delivery of anticancer drugs, proteins, and siRNA 基于生物可降解聚脂肽的稳定多功能纳  
米载体用于抗癌小分子药物、蛋白质和 siRNA 的靶向递送

**Yao Qing 姚情**/ Graduate Student 研究生/ Shenyang Pharmaceutical University 沈阳药科大学

School of Pharmacy 药学院

**Advisor 导师:** Zhu Lin

Research Title 论文名称: Building stable MMP2-responsive multifunctional polymeric micelles by an all-in-one polymer-lipid conjugate for tumor targeted intracellular drug delivery  
利用“一体化”的共轭脂质聚合物构建稳定的 MMP2 响应多功能胶束用于肿瘤靶向的细胞内药物传递

**Deng Linna 邓琳娜**/ Graduate Student 研究生/ Peking University 北京大学

School of Life Sciences 生命科学学院

**Advisor 导师:** Li Chenjian 李沉简

Research Title 论文名称: Investigating the pathogenic mechanisms of DJ-1 related Parkinson's disease using conditional knockout rat models  
运用条件性敲除大鼠模型探究 DJ-1 所参与帕金森氏病致病机制

**Li Rongqin 李荣琴**/ Graduate Student 研究生/ Peking University 北京大学

School of Life Sciences 生命科学学院

**Advisor 导师:** Sun Yujie 孙育杰

Research Title 论文名称: Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy  
小尺寸光闪烁聚合物量子点在超分辨荧光成像中的应用

**Kou Longfa 寇龙发**/ Graduate Student 研究生/ Shenyang Pharmaceutical University 沈阳药科大学

Wuya College of Innovation 无涯学院

**Advisor 导师:** Sun Jin 孙进

Research Title 论文名称: High efficiency OCTN2-mediated L-carnitine-conjugated nanoparticles for oral delivery of paclitaxel  
高效转运体 OCTN2 介导的 L-肉毒碱修饰的纳米粒用于口服紫杉醇的递送

**Tao Lei 陶蕾** / 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: Sequence Analysis of Decorin Glycosaminoglycan Chain from Cartilage

软骨 Decorin 上复杂糖胺聚糖链的序列研究

**Chen Mingyu 陈鸣宇** / Graduate Student 研究生 / Zhejiang University 浙江大学

School of Medicine 医学院

**Advisor 导师:** Cai Xiujun 蔡秀军

Research Title 论文名称: Study of a Unidirectional and Bio-absorbable Scaffold for Intestinal Anastomosis (UBSA)

可吸收单向压缩性肠肠吻合器的研发及应用

**Guo Mengran 国梦然** / Graduate Student 研究生 / Shenyang Pharmaceutical University 沈阳药科大学

School of Pharmacy 药学院

**Advisor 导师:** He Zhonggui 何仲贵

Research Title 论文名称: Rod shaped nanocrystals exhibit superior in vitro dissolution and in vivo bioavailability

over spherical like nanocrystals: A case study of lovastatin

棒状纳米结晶的体外溶出和体内生物利用度优于球状纳米结晶: 以洛伐他汀为例

**Yang Dasong 杨大松** / Postdoctoral Fellow 博士后研究员 / China Pharmaceutical University 中国药科大学

College of pharmacy 药学院

**Advisor 导师:** Di Bin 狄斌

Research Title 论文名称: First example of immobilized metal affinity chromatography and metal oxide affinity

chromatography hybrid material was designed and synthesized for enlarging

phosphopeptide enrichment coverage

首个用于提高磷酸化肽富集面的固定金属离子亲和色谱和金属氧化物亲和色谱杂合材料的设计和合成