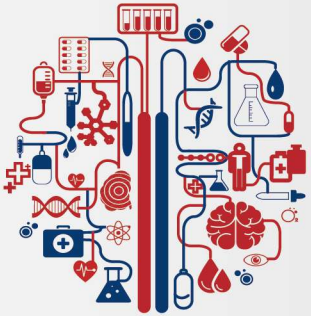
6th

NANOBIO CHINA 2016 THE 6TH INTERNATIONAL NANOBIO CONFERENCE AND THE FIRST SYMPOSIUM ON MINIMALLY INVASIVEAND IMAGE GUIDED SURGERY

第六届纳米生物国际会议暨第一届微创及影像引导手术论坛

NANOBIO

2016



主办单位

南京大学现代工程与应用科学学院
College of Engineering and Applied Sciences, Nanjing University

南京市鼓楼医院
Nanjing Drum Tower Hospital

江苏省介入医疗器械研究重点实验室
Jiangsu Provincial Key Laboratory for Interventional Medical Devices

会议日程手册

Nanjing China 中国 南京
Oct 17–19, 2016 2016年10月17–19日

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THE 6TH INTERNATIONAL NANOBIO CONFERENCE AND THE FIRST SYMPOSIUM ON MINIMALLY INVASIVE AND IMAGE GUIDED SURGERY

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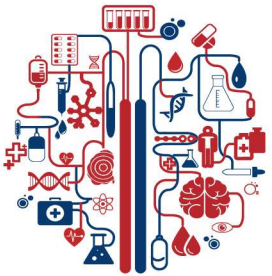

中国 南京
2016年10月17-19日

Nanjing China
Oct 17-19, 2016

Nano-biotechnology is one of the most important branches in nano-sciences and nano-technologies, whilethe series of International NanoBio Conference demonstrated as the most popular platform for academic exchange in this field. Now, the 6th International NanoBio Conference (Nano-Bio 2016) and the First Symposium on Minimally Invasive and Image Guided Surgery will open in Nanjing, China on October 17-19, 2016.

This year's NanoBio conference is sponsored by Nanjing University through its College of Engineering and Applied Sciences, School of Medicine affiliated hospital and Jiangsu Provincial Key Laboratory for Interventional Medical Devices. It follows the highly successful international NanoBio series: NanoBio Australia 2014 (chaired by Matt Trau and Keith McLean), NanoBio Seattle 2012 (chaired by Pat Stayton), NanoBio Zurich 2010 (chaired by Marcus Textor), Nanobio Seoul 2007 (chaired by Kyong-Hwa Yoo), and NanoBio Tokyo 2006 (chaired by Kazunori Kataoka).

Known as the "Capital of Six Dynasties", Nanjing is a historical and cultural city of 8 million people and is conveniently linked by high-speed train to both Shanghai (one hour) and Beijing (4 hours). The mid-October weather in Nanjing is expected to bemost pleasant, and we hope that you will find some time for sampling the local cuisines (mild and delicate) and sightseeing.You are all warmly invited to join the conference, for more information, please visit: **http://nanobio2016.nju.edu.cn**

过去20年间，纳米生物已经成为纳米科学与技术领域的一个重要分支，而NanoBio系列国际会议已成为该领域展现学术进展、促进学术交流的重要平台。2016年10月17-19日，南京大学现代工程与应用科学学院、南京市鼓楼医院、江苏省介入医疗器械研究重点实验室联合主办的第六届纳米生物国际会议(NanoBio China 2016)将在南京钟山宾馆(江苏省会议中心)举行。同时，我们亦将举办第一届微创及影像引导手术论坛，共同探讨影像引导手术中的前沿技术与进展。目前，会议正在接受注册中，欢迎参会！具体详情请访问：**http://nanobio2016.nju.edu.cn**

会议主席
Chair and Co-Chair

Professor Shuming NIE (聂书明，南京大学)
Professor Tao ZHANG (张 弢，南京大学)

注册网址
Registration

http://nanobio2016.nju.edu.cn/zh/register.html

会议主题
Session Topics

Nanoimage 纳米影像
Nanodiagnostics 纳米诊断
Nanotherapeutics 纳米治疗
Cancer Immunotherapy癌症免疫疗法
Technology Transfer & Commercialization技术转化与产业化
Safety & Nanotoxicology纳米安全性与纳米毒理
Clinical Translation临床转化
Biomaterials, Tissue Engineering & Regenerative Medicine 生物材料，组织工程与再生医学
Image Guided Surgery, Minimally Invasiveand Interventional surgery手术导航/微创/介入手术
Opportunities& Challenges of Nanomedicine 纳米医学的机遇与挑战

会议报到
Arrival Information

2016年10月16日 Oct.16, 2016

17th October, Monday, Day 1

TIME	大会堂
08:30-09:00	Opening Ceremony
09:00-09:35	Professor Patrick S. Stayton Professor, Director, Molecular Engineering and Sciences Institute University of Washington
09:35-10:10	Professor Taeghwan Hyeon Director, Center for Nanoparticle Research, Institute for Basic Science (IBS) Associate Editor, Journal of the American Chemical Society (JACS) Professor, School of Chemical and Biological Engineering Seoul National University
10:10-10:40	Coffee Break
10:40-11:15	Professor Weihong Tan, 谭蔚泓 湖南大学教授 国家"千人计划"入选者 长江学者特聘教授 化学生物传感与计量学国家重点实验室(湖南大学)主任 中国科学院院士 V. T. and Louise Jackson Professor of Chemistry at the University of Florida Director of the State Key Laboratory of Chemo/Biosensing and Chemometrics at Hunan University Chinese Academy of Sciences
11:15-11:50	Professor Yuliang Zhao, 赵宇亮 Deputy Director-General, National Center for Nanoscience and Technology of China Director, Chinese Academy of Science Key Lab for Biomedical Effects of Nanomaterials and Nanosafety Institute of High Energy Physics, Chinese Academy of Science (CAS)
11:50-13:30	Lunch

	Nanoimage (R 307)	Nanodiagnostics (R 308)	Nanotherapeutics (R 309)
14:00-14:20	Xiaoyuan (Shawn) Chen, 陈小元 National Institutes of Health, USA Gold-Based Nanotheranostics	Peixuan Guo, 郭培宣 Ohio State University Cancer Specific and Organ-avoiding RNA Architectures for in vivo Application	Zhongze Gu, 顾忠泽 Southeast University Photonic Crystals for Biomedical Application
14:20-14:40	Andrew Smith University of Illinois at Urbana-Champaign Nanoparticle Targeting to Inflamed Tissues	Chunyang Zhang, 张春阳 Shandong Normal University Single Quantum-Dot Based Nanosensor for Sensitive Detection of Protein and DNA Modifying Enzymes	Zhuang Liu, 刘庄 Soochow University Nanotechnology for Innovative Cancer Therapies
14:40-15:00	Lintao Cai, 蔡林涛 Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences Imaging-Guided Cancer Phototherapy with Theranostic Nanomedicine	Hongwei Duan, 段宏伟 Nanyang Technological University Magnetic Nanochain-Coupled Microfluidics: Towards Multiplexed Liquid Biopsy by Raman Spectroscopy	Zhen Gu, 顾臻 The University of North Carolina at Chapel Hill Bio-Responsive Smart Microneedle Patches
15:00-15:30	Coffee Break		
15:20-15:50	Daiwen Pang, 庞代文 Wuhan Univeristy Quantum Dots: From Live-cell Synthesis to Quasi-bio Synthesis	Chaoyong Yang, 杨朝勇 Xiamen University Nanoparticle Catalyzed Gas-Generation Reaction for Rapid, Sensitive, and Portable Biomedical Analysis	Xingjie Liang, 梁兴杰 National Center for Nanoscience and Technology of China Imaging-guided Nanopharmaceutical Evaluation in vitro and in vivo
15:50-16:10	Guangjun Nie, 聂广军 National Center for Nanoscience and Technology of China Improving Pancreatic Cancer Treatment with Nanomedicines	Daxiang Cui, 崔大祥 Shanghai Jiao Tong University Breath Analysis Based on Graphene Oxides Sensors Distinguishes Early and Advanced Gastric Cancer Patients From Healthy Persons	Zaicheng Sun, 孙再成 Beijing University of Technology Construction of Theraonstic Agent Based on Fluorecent Carbon Dots
16:10-16:30	Kai Han, 韩凯 Huazhong Agricultural University Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Photodynamic Therapy	Kevin M. KOO The University of Queensland Towards Precision Medicine: A Cancer Molecular Subtyping Nano-Strategy for RNA Biomarkers in Tumor and Urine	Steven Emory Western Washington University Surface-Enhanced Raman Scattering: Single Molecules to Analytical Applications
16:30-16:50	Pan Xu, 许畔 Fujifilm VisualSonics VevoLAZR: the Latest Multimodality Molecular Imaging Technology	Yujun Song, 宋玉君 Nanjing University Point-of-care Diagnosis Based on Nanozyme	Hui Wei, 魏辉 Nanjing University Nanozymes: Next Wave of Artificial Enzymes
17:30	Banquet		

18th October, Tuesday, Day 2

TIME	Nanoimage (R 307)	Nanotoxicology, Cancer Immunotherapy & Medical Devices (R 308)	Nanodiagnostics/Nanotherapeutics (R 309)
08:30-08:50	Huangxian Ju, 鞠熀先 Nanjing University Bioimaging Analysis of Cancer Related Cellular Functional Biomolecules	Meng Tang, 唐萌 Southeast University Impairments of Spatial Learning and Memory Following Intrahippocampal Injection in Rats of 3-Mercaptopropionic Acid-Modified CdTe Quantum Dots and Molecular Mechanisms	Xiaohu Gao, 高臧虎 Washington University Single Cell Multi-omics Profiling with DNA Encoding
08:50-09:10	Ke Tao, 陶可 Shanghai Jiao Tong University Modification of Gold Nanoparticles for Tracking Stem Cells in Bone Defect Using Dual-Energy Computed Tomography	Zhenqing Feng, 冯振卿 Nanjing Medical University CAR-T Cell Therapy - From Hematological Malignancies to Solid Tumors	Quan Yuan, 袁荃 Wuhan University Biomedical Applications of Aptamer-Conjugated Near-Infrared Nanoparticles
09:10-09:30	Zhe Liu, 刘哲 Wenzhou Medical University Hybrid Micro/Nanoprobes for Receptor-targeted Photoacoustic Imaging and Image-guided Therapy	Ping Cao, 曹苹 Shenzhen Testing Center of Medical Devices Biological Assessment of Medical Devices 医疗器械的生物学评价	Jinzhi Du, 杜金志 Emory University and South China University of Technology Design of Cancer Nanomedicines for Targeting the Acidic Tumor Microenvironment
09:30-09:50	Yongqin Lv, 吕永琴 Beijing University of Chemical Technology Molecularly Imprinted Plasmonic Nanosensor for Selective SERS Detection of Protein Biomarkers	Xinghai Ning, 宁兴海 Nanjing University Cu-Free Click Cycloaddition Chemistry in Bioengineering	Zhe Li, 李喆 Nanjing University Interface between Designer DNA Nanostructures and Natural Biological Systems
	Coffee Break		
10:20-10:40	Qiangbin Wang, 王强斌 Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences Advanced Near-Infrared In Vivo Imaging: Seeing is Believing	Xingyu Jiang, 蒋兴宇 National Center for NanoScience and Technology of China Microfluidics as Tools for Biomedicine: From New Science to Novel Products	Jian Liu, 刘坚 Soochow University Carbon Dots as a High-Efficiency and Low-Noise Matrix for Small Molecular Analysis with Maldi Mass Spectrometry
10:40-11:00	Yue Pan, 潘越 Soochow University Magnetic Core-Shell Nanomaterials as Multifunctional Theranostics Agent for MRI/CT Dual Model Imaging Guided Photothermal/Radiation Combined Therapy	Zhihong Liu, 刘志洪 Wuhan University Upconversion Luminescence Resonance Energy Transfer-Based Nanoprobe for Bioimaging	Zhengtao Deng, 邓正涛 Nanjing University Living RGB Quantum Dot Displays Mediated by Engineered Biofilms

11:00-11:20	Yihui Hu, 胡益辉 Nanjing University Modulating Luminescence of Tb^{3+} with Biomolecules to Construct Biosensors for Heparin and Its Contaminant OSCS	Lin FAN, 范霖 Southeast University Enzyme Catalysis Enhanced Dark-field Imaging as a Novel Immunohistochemical Method	Yao SUN Wake Forest School of Medicine Focused Ultrasound Mediated $\alpha_v\beta_3$ Integrin Antagonist Targeted Delivery of Radiopharmaceutical in VX2 Tumor in Rabbit
11:20-11:40	Shichao Lin, 林世超 Nanjing University Deciphering the Quenching Mechanism of 2D MnO_2 Nanosheets towards Au Nanocluster Fluorescence to Design Effective Glutathione Biosensors	Jörg Götte Nanjing University Chiral Rotational Spectroscopy	Haibin Shi, 史海斌 Soochow University Light-triggered Assembly of Gold Nanoparticles for Tumour Theranostics
11:40-14:00	Lunch		
	Biomaterials, Tissue Engineering & Regenerative Medicine (R 307)	(R 308)	Image Guided Surgery (R 309)
14:00-14:20	Jian Ji, 计剑 Zhejiang University Surface Engineering Cardiovascular Stent for In-Situ Endothelialization	Poster/Exhibition	Xinfeng Liu, 刘新峰 Nanjing Jinling Hospital Intervention of Cerebravascular Disease Based on the Evulua-tion of Neuroimagings 基于综合影像评估的脑血管病介入治疗与研究
14:20-14:40	John L. Brash McMaster University Controlling Protein-Surface Interactions in Blood-Material Contact: towards a Fibrinolytic Surface		Baran Sumer UT Southwestern Medical Center pH Transistor Nanoprobes Advance Tumor Detection
14:40-15:00	Qian Yu, 于谦 Soochow University A Universal Platform for Macromolecular Delivery using Gold Nanoparticle Layers via the Photoporation Effect		Shilin Chen, 陈仕林 Jiangsu Cancer Hospital CT Guided Radiofrequency Ablation of Lung Cancer CT引导下的肺部肿瘤射频消融治疗
15:00-15:20	Yong Hu, 胡勇 Nanjing University Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fas-FasL Apoptotic Pathway		Gang Ruan, 阮刚 Nanjing University Development of Composite Nanoparticles for Manipulation and Tracking of Single Molecules and Cells
15:20-15:50	Coffee Break		
15:50	Poster/Exhibition		
17:30	Dinner		

19th October, Wednesday, Day3

TIME	Opportunities and Challenges of Nanomedicine (R 307)	Minimally Invasive and Interventional Surgery (R 308)	Image Guided Surgery (R 309)
08:30-08:50	Hu Ty, 胡铁峰 Gateway Medical Opporunities and Challenges of Medical Devices Innovation	Yundai Chen, 陈韵岱 Chinese PLA General Hospital Advances in Multi-Modality Images Guided Percutaneous cornary intervention(PCI) 多种影像指导冠脉介入治疗进展	Shengxian Tu, 涂圣贤 Shanghai Jiao Tong University Research and Clinical Applications of One-stop Shop for Coronary Imaging
08:50-09:10	Zhaohui Zhang, 张朝晖 Wuxi AppTech 药明康德 Opporunities and Challenges of Medicne Innovation	Peng Gao, 高鹏 Xuanwu Hospital Capital Medical University Surgical Treatment of Ischemic Cerebrovascular Diseases 缺血性脑血管病的外科治疗	Yoshinori Harada Kyoto Prefectural University of Medicine Fluorescence Diagnosis of Metastasis of Gastrointestinal Cancers using 5-Aminolevulinic Acid (5-ALA)
09:10-09:30	Tingzhi Qian, 钱庭栀 Prosperico Ventures 景旭创投 Investment Logic of Venture Capital Institutions to Start-up Medical Device Companies	Weixing Guo, 郭卫星 Eastern Hepatobiliary Surgery Hospital, The Second Military Medical University Application of Digitized Medical Image Technology in Surgery of Complex Hepatobiliary Tumor	Kun Wang, 王坤 Key Laboratory of Molecular Imaging, Chinese Academy of Sciences Optical Molecular Imaging: from Preclinical Research to Clinical Translation
09:30-09:50	Yongqiang Wang, 王永强 Ocean Nanotech Particle Toolbox for Precision Medicine	Dong Wang, 汪栋 Chinese PLA 81th Hospital Near-Infrared Fluorescence Sentinel Lymph Node Mapping in Lung Cancer and Novel Fluorescent Tracer 近红外荧光肺癌前哨淋巴结检测及新型示踪剂研究	Aaron Mohs University of Nebraska Medical Center Image-Guided Surgery Using Near Infrared Fluorescent Nanoparticles
09:50-10:20	Coffee Break		
10:20-10:40	Aifei Wang, 王艾菲 Nanjing University Controlled Synthesis of Lead-Free and Stable Perovskite Derivative Cs_2SnI_6 Nanocrystals	Liming Tang, 汤黎明 Nanjing Jinling Hospital Progress and Prospect of Interventional Medical Engineering 介入医学工程学科的发展现状与展望	Wenxian Guan/Meng Wang, 管文贤/王萌 Nanjing Drum Tower Hospital Laparoscopic Sentinel Node Navigation Surgery in Gastric Cancer
10:40-11:00	Shibin Sun, 孙士斌 Nanjing University Ligand-Mediated Synthesis of Shape-Controlled Cesium Lead Halide Perovskite Nanocrystals	Yongjun Jiang, 姜永军 Forssmann Medical Technology Co. Ltd. Innovative Applications of Optical Coherence Tomography (OCT) in Neurointervention	John C. Kucharczuk University of Pennsylvania Intraoperative Molecular Imaging of Lung Cancer

11:00-11:20	Xiaoyu Wang, 王小宇 Nanjing University Ratiometric Electrochemical Sensor for Effective and Reliable Detection of Ascorbic Acid in Living Brains	Changjiang Pan, 潘长江 JJiangsu Provincial Key Laboratory for Interventional Medical Devices Fabricating Surface Microenviroment on Cardiovascular Biomaterials to Regulate the Interface Biological Behaviors	Carla S. Fisher University of Pennsylvania Image-Guided Resection of Breast Malignancies
11:20-11:40	Yukang Zhang, 张裕康 Nanjing University Ligand-Dependent Excited-States Properties Control of Ternary $CuInS_2$ Quantum Dots	Hanyang Yu, 于涵洋 Nanjing Univeristy In vitro Selection of Functional Xeno-Nucleic Acids (XNAs)	Yiqing Wang, 王毅庆 Nanjing University Fluorescence Guided Surgery
11:40-14:00	Lunch		
13:30-14:05	Professor Matt Trau Director, Centre for Personalised NanoMedicine Professor of Chemistry, School of Chemistry & Molecular Biosciences Deputy Director, Australian Institute for Bioengineering & Nanotechnology (AIBN) Affiliate Professor, UQ Diamantina Institute, Translational Research Institute, The University of Queensland		
14:05-14:40	Professor Vincent Rotello University Distinguished Professor Charles A. Goessmann Professor of Chemistry Editor in Chief, Bioconjugate Chemistry University of Massachusetts		
14:40-15:15	Professor Sunil Singhal University of Pennsylvania School of Medicine, Director of Center for Precision Surgery		
15:15-15:45	Coffee Break		
15:45-16:20	Dr. Pep Pàmies Chief Editor of Nature Biomedical Engineering, Springer Nature		
16:20-16:55	Professor Warren C. W. Chan Institute of Biomaterials and Biomedical Engineering University of Toronto		
16:55-17:10	Ceremony of Named Professorship for Professor Warren C. W. Chan		
17:10-17:30	Closing Ceremony		

地址与交通 Hotel&Traffic

江苏省会议中心（南京钟山宾馆）

http://www.jszshotel.cn/SubWeb/1/Index.aspx

地址：210016 中国南京市中山东路307号

电话: 025 84818888　传真: 025 84809209　服务热线: 025 84808001

路线推荐

禄口机场→江苏省会议中心（钟山宾馆）

① 在禄口机场乘坐轻轨S1号线到南京南站下车，换乘地铁1号线到新街口站，在新街口站换乘地铁2号线到西安门站下车，步行约400米，到达目的地。

② 在禄口机场乘坐机场巴士一号线，在秦虹桥站下车，换乘190路公交，在黄埔路下车，步行130米，到达目的地。

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② 在南京南站乘坐190路公交，在黄埔路站下车，步行约130米，到达目的地。

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② 在南京站·东广场站乘坐190路公交，到黄埔路下车，步行130米，到达目的地。

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