

## 第22届留日中国人生命科学协会学术年会

22nd LSACJ 2022 - International Conference on Interdisciplinary Life Sciences 2022 (ILS 2022)-

26-Nov-22

| Program  |  |
|--|--|
| 10:00-10:10  | ZOOM ID: 875 7632 7699 PW: 607732  |
| Opening  |  |
| Session 1: AI for Life Science                     |  |
| Moderator: Yu-shi Tian<br>I. Osaka University      |  |
| 10:10-10:40  | <p><b>S1-1: Imitation and Innovation: Reflections on the Development of Intelligent Technology and the Progress of Human Society (模仿与创新: 智能科技发展与人类社会进步的思考)</b><br/>Prof. Zhiwei Luo, Ph.D.<br/>Kobe University</p>     |
| 10:40-11:10  | <p><b>S1-2: Development of drug discovery AI platform for comprehensive target predictions (开发用于全面预测目标的药物发现人工智能平台)</b><br/>Team Leader Teruki Honma, Ph.D.<br/>RIKEN BDR</p>   |
| 11:10-11:40  | <p><b>S1-3: Research and development of next-generation AI medical treatment systems and devices (新一代AI医学诊疗系统及设备的研发)</b><br/>Prof. Xuejun Zhang, Ph.D.<br/>Guangxi University</p>                                      |
| 11:40-12:10  | <p><b>S1-4: Practical Massively Parallel Monte-Carlo Tree Search Applied to Molecular Design (应用于分子设计的实用大规模并行蒙特卡罗树搜索法)</b><br/>Researcher. Xiufeng Yang, Ph.D.<br/>Chugai Pharmaceutical Co., Ltd.</p>                 |
| Luncheon Seminar                                   |  |
| 12:10-13:30  | <p><b>LS-1: EPS株式会社/EP SHD</b><br/><b>LS-2: 上海人才交流协会</b><br/><b>LS-3: 北京深势科技/DPTechnology (AI+分子模拟新工具打造药物设计新流程)</b><br/><b>LS-4: 株式会社アフィニティサイエンス/Affinity Science Corporation</b></p>                                  |
| Session 2: Research for translational breakthrough |  |
| Moderator: Dan Ohtan Wang<br>I. RIKEN BDR          |  |
| 13:30-14:00  | <p><b>S2-1: Self-scavenging and micro-nano drug delivery system for improved tumor targeting and safety (提高肿瘤靶向性和安全性的自清除和微纳米药物输送系统)</b><br/>Associate Prof. Wenli Zhang, Ph.D.<br/>China Pharmaceutical University</p> |
| 14:00-14:30  | <p><b>S2-2: Development of genome analysis technology to elucidate the function of the human genome (开发基因组分析技术以阐明人类基因组的功能)</b><br/>Prof. Yasuhiro Murakawa, Ph.D.<br/>Kyoto University</p>                             |
| 14:30-15:00  | <p><b>S2-3: Disease and Genetics: Disease Genetic Research in the Era of Individualized Medicine (疾病与遗传: 个体化医疗时代的疾病基因研究)</b><br/>Deputy Team Leader Long Guo, Ph.D.<br/>RIKEN</p>                                      |
| 15:00-15:30  | <p><b>S2-4: Novel Technologies Enable and Accelerate Research and Development of New Drug (新技术赋能加速新药研发)</b><br/>Director Chao Liu, Ph.D.<br/>药明康德化学服务部/Chemistry Service Unit, WuXi AppTec</p>                         |
| 15:30-16:00  | <p><b>S2-5: Endothelial cell mechanoresponse to haemodynamic forces during blood vessel lumenization (血管腔化过程中内皮细胞对血流动力的机械反应)</b><br/>Team Leader Li-Kun Phng, Ph.D.<br/>RIKEN BDR</p>                                  |
| 16:00-16:10  | Break  |

| <b>Program</b> |   |
|----------------|---|
|                | Session3: Translational Medicine and Clinical Science<br>Moderator: Bin Zhou<br>1. Learning Health Society Institute(LSHI)  |
| 16:10-16:40    | <b>S3-1: Current Status of investigator initiated trials and future prospects in China (中国医师主导试验的现状和未来前景)</b><br>Associate Prof. Peimin Yu, Ph.D.<br>Department of Neurology, Huashan Hospital, Fudan University  |
| 16:40-17:10    | <b>S3-2: Investigator-initiated clinical trials in Japan (日本的医师主导临床试验)</b><br>Associate Prof. Tsutomu Nishimura<br>Kyoto University   |
| 17:10-17:20    | Break   |
|                | Session4: All Other Interdisciplinary Life Science Studies<br>Moderator: Shengqun Hou<br>1. RIKEN BDR   |
| 17:20-17:40    | <b>S4-1: Direct effect of food-derived macromolecules on intestine (食物衍生的大分子对肠道的直接影响)</b><br><b>--Apple-derived exosome-like nanoparticles mediate down-regulation of intestinal transporter expression by microRNA--</b><br>Qiunan Zhu, Ph.D.<br>Kanazawa University |
| 17:40-18:00    | <b>S4-2: Reactive Oxygen Species Cause Exercise-Induced Angina in a Myocardial Ischemia-Reperfusion Injury Model (活性氧在心肌缺血再灌注损伤模型中导致运动诱发的心绞痛)</b><br>Xiaohang Wang, Ph.D.<br>Hyogo Medical University   |
| 18:00-18:20    | <b>S4-3: Structural studies on cyanobacterial trimeric Photosystem I-related protein complexes (蓝藻三聚体光系统I相关蛋白复合物的结构研究)</b><br>Jiannan Li, Ph.D.<br>Osaka Univ. Institute for Protein Research   |
| 18:20-18:30    | Closing   |