AOHUPO
Asian Oceania Human Proteome Organization

AOAPO
Asia Oceania Agricultural Proteomics Organization

CNHUPO

π-HuB PROJECT

第12届AOHUPO大会暨第8届AOAPO大会暨π-HuB国际大科学计划第三届全球峰会暨第13届CNHUPO大会

Joint 12th AOHUPO, 8th AOAPO, 3rd π-HuB Global Summit in conjunction with 13th CNHUPO Congress

Oct 11-14, 2025

Guangzhou, China 中国·广州

探索蛋白质宇宙：迈向新生物学和精准医学

Navigating The Protein Universe: Toward New Biology and Precision Medicine

第三轮通知

2025年9月

Website:
www.aohupo2025.com
www.cnhupo.org.cn

会务组

国家蛋白质科学中心·北京

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为促进蛋白质组学的研究与发展，增进国际间合作交流，由人体蛋白质组导航国际大科学计划（π-HuB）、亚太蛋白质组组织（AOHUPO）、亚洲大洋洲农业蛋白质组组织（AOAPO）、中国人类蛋白质组组织（CNHUPO）主办，国家蛋白质科学中心·北京、南方医科大学、医学蛋白质组全国重点实验室、广东智慧医学国际研究院等共同承办的第 12 届 AOHUPO 大会暨第 8 届 AOAPO 大会暨 π-HuB 国际大科学计划第三届全球峰会暨第 13 届 CNHUPO 大会定于 2025 年 10 月 11 日 -14 日在广州市召开。本届会议以“探索蛋白质宇宙：迈向新生物学和精准医学”为主题，聚焦蛋白质组学领域发展及 π-HuB 计划蓝图，将以国内外专家学者大会特邀报告、主旨报告、分会报告、培训讲座、墙报等多种形式，集中呈现近年全球蛋白质组学领域重大突破、前沿成果、最新的仪器设备及分析技术。我们将与全球蛋白质组学、医学、信息学与人工智能等领域专家学者一道，共享国际前沿成果，共商 π-HuB 计划实施方案，共推蛋白质组学在生命科学、健康医学、制药业和农业等领域的应用发展。

大会议题

01 蛋白质组学新技术 Emerging proteomics technologies
02 非变性质谱分析与蛋白质结构 Native mass spectrometry and structural biology
03 单细胞蛋白质组 Single cell proteomics
04 空间蛋白质组 Spatial proteomics
05 化学蛋白质组学与药物发现 Chemoproteomics and drug discovery
06 蛋白质翻译后修饰 Posttranslational modification
07 蛋白质组动态 Proteome dynamics
08 未充分研究蛋白质组学和肽组学 Understudied proteomics and peptidomics
09 非质谱的蛋白质组学 Proteomics beyond mass spectrometry
10 计算蛋白质组与人工智能 Computational and AI proteomics
11 蛋白质组学与多组学 Proteomics marries other omics
12 体液蛋白质组学 Body fluid proteomics
13 蛋白质组驱动的精准医学 Proteomics-driven precision medicine
14 模式生物的蛋白质组 Proteomics of model systems
15 微生物组的蛋白质组 Proteomics of the microbiome
16 农业蛋白质组 Advances in agricultural proteomics
17 基于蛋白质组学的精准检验医学 Clinical diagnosis and precision medicine
18 人工智能与教育 Artificial intelligence and education
19 中医药现代化 Modernization of traditional chinese Medicine
20 跨物种蛋白质组 Cross-Species Proteomics

Satellite Symposiums | 卫星会

01 第一届 π-HuB 产业大会 The 1st π-HuB Industry Conference
02 AOHUPO 青年论坛 Forum of Young Scholars
03 快闪报告和明日之星研讨会 Flash Talk and Rising Star Symposiun

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Asia Oceania Human Proteome Organisation (AOHUPO)
Asia Oceania Agricultural Proteomics Organization (AOAPO)
China Human Proteome Organization (CNHUPO)

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地址：北京市昌平区科学园路 38 号

大会语言

英文 / 中文

会场信息

Conference Rooms | 会场分布

Plenary Lecture Rooms 主会场

1. Oriental Hall, 2nd Floor 东方厅（10.12）
2. Lingnan Convention Hall, 2nd Floor 岭南大会堂（10.13-14）

The 3rd π-HuB Global Summit and the 1st π-HuB industry conference: Qinghe Hall, 1st Floor
π-HuB 计划全球峰会 , π-HuB 计划首届产业大会：清和厅

Parallel Session Rooms 分会场

1. Maoming Hall, 1st Floor 茂名厅
2. Jieyang Hall, 1st Floor 揭阳厅
3. Meizhou Hall, 1st Floor 梅州厅
4. Qinghe Hall, 1st Floor 清和厅
5. Shenzhen Hall, 2nd Floor 深圳厅
6. Shantou Hall, 2nd Floor 汕头厅

Training Classroom 技术培训教室

MaxQuant Training Courses: Maoming Hall, 1st Floor
MaxQuant 技术培训教室：茂名厅
Peaks online Training Courses: Jieyang Hall, 1st Floor
PEAKS Online 技术培训教室：揭阳厅
Proteomics technology Training Courses (Matthias Mann team): Maoming Hall, 1st Floor
蛋白质组前沿技术培训教室：茂名厅
AI for Proteomics Training Courses: Jieyang Hall, 1st Floor
AI 及蛋白质组学应用培训教室：揭阳厅

CNHUPO Council Meeting　CNHUPO 理事会会场

Shenzhen Hall, 2nd Floor 深圳厅

AOHUPO Council Meeting　AOHUPO 理事会会场

Lingnan Convention Hall VIP Lounge, 2nd Floor 岭南大会堂贵宾室

AOAPO Council Meeting　AOAPO 理事会会场

Lingnan Convention Hall VIP Lounge, 2nd Floor 岭南大会堂贵宾室

Exhibition 展厅

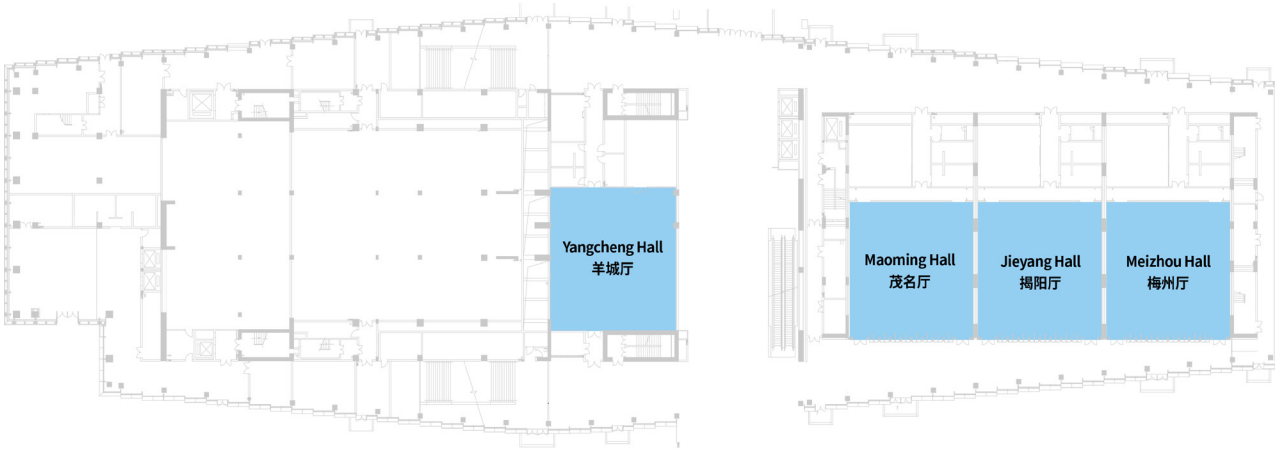
1st Floor, Block 2 二号楼一层

Poster 墙报

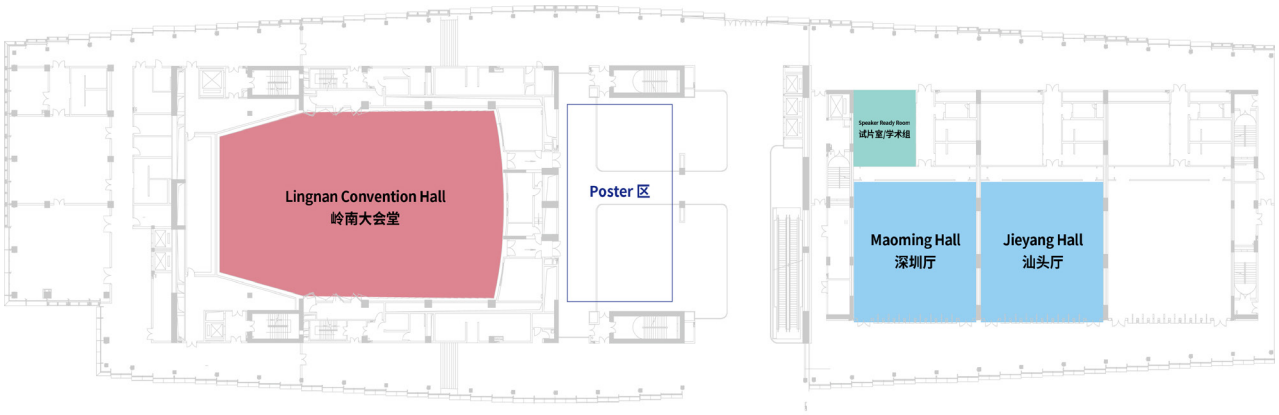
2nd Floor, Lingnan Convention Hall 岭南大会堂

Speaker Ready Room 试片室 / 学术组

Accessory Room of Shenzhen Hall, 2nd Floor 二层深圳厅副厅



Floor Plan of the First Floor of Block 2
2号楼一层平面图



Floor Plan of the Second Floor of Block 2
2号楼二层平面图

Catering Location 用餐地点

	10.12	10.13	10.14
Lunch 午餐	Pearl River Hall D, 1st Floor 珠江厅 D 区，一层		
Dinner 晚餐	Oriental Hall, 2nd Floor 东方厅，二层	Pearl River Hall D, 1st Floor 珠江厅 D 区，一层	
VIP Reception		Qing He Hall, 1st Floor 清和厅，一层	

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http://www.bioart.com.cn http://www.pharmatable.com

Congress Agenda

Time	Event	Venue
Oct 9, 2025		
09:00-18:00	Registration (Participants in pre-congress training course)	Lingnan Hotel (Block 1) Lobby
Oct 10, 2025		
09:00-18:00	MaxQuant Pre-congress Training Courses (Day 1)	Maoming Hall
09:00-18:00	Peaks online Pre-congress Training Courses (Day 1)	Jieyang Hall
09:00-18:00	Registration (π-HuB Project Global Summit Representative)	Lingnan Hotel (Block 1) Lobby
Oct 11, 2025		
09:00-18:00	MaxQuant Pre-congress Training Courses (Day 2)	Maoming Hall
09:00-18:00	Peaks online Pre-congress Training Courses (Day 2)	Jieyang Hall
09:00-18:00	Registration (All participants)	Block 3 Lobby
09:00-18:00	The π-HuB Project Global Summit and the 3rd Council Meeting (Day 1)	Qinghe Hall
Oct 12, 2025		
09:00-12:00	The π-HuB Project Global Summit and the 3rd Council Meeting (Day 2)	Qinghe Hall
08:30-14:30	Pre-Congress Training Courses: Proteomics technology (Matthias Mann team)	Maoming Hall
08:30-14:30	Pre-Congress Training Courses: AI for proteomics	Jieyang Hall
08.45-12:00	AOHUPO Young Scholar Forum	Shenzhen Hall
09:00-12:00	Flash Talk and Rising Star Symposium	Meizhou Hall
15:00-18:00	Opening Ceremony and Plenary Lectures (4)	Oriental Hall
18:30-20:00	Welcome Reception	Oriental Hall
Oct 13, 2025		
07:30-08:20	CNHUPO Council Meeting	Shenzhen Hall
08:30-09:45	Plenary Lectures (3)	Lingnan Convention Hall

Time	Event		Venue
09:45-10:10	Poster Viewing/Coffee Break		2nd Floor
10:10-12:20	Parallel Sessions	PS 1: Emerging Proteomics Technologies	Lingnan Convention Hall
		PS 2: Native Mass Spectrometry and Structural Biology	Shenzhen Hall
		PS 3: Single Cell Proteomics	Shantou Hall
		PS 4: Understudied Proteomics and Peptidomics	Maoming Hall
		PS 5: Artificial Intelligence and Education	Jieyang Hall
		PS 6: Proteomics-driven Precision Medicine (A)	Meizhou Hall
12:30-14:00	AOHUPO Council Meeting		Lingnan Convention Hall VIP Lounge
12:30-13:30	Industry Seminars	Bioinformatics Solutions Inc. (BSI)	Lingnan Convention Hall
		Syncell Inc.	Maoming Hall
		TECAN	Jieyang Hall
		Thermo Fisher Scientific	Meizhou Hall
		Evosep	Shenzhen Hall
		Gene Company Limited	Shantou Hall
		Bruker Corporation	Yangcheng Hall
14:00-16:00	Parallel Sessions	PS 7: Chemoproteomics and Drug Discovery	Lingnan Convention Hall
		PS 8: Proteomics of Model Systems	Shenzhen Hall
		PS 9: Spatial Proteomics	Shantou Hall
		PS 10: Modernization of Traditional Chinese Medicine	Maoming Hall
		PS 11: Computational and AI Proteomics (A)	Jieyang Hall
13:30-17:00	The 1st π-HuB Industry Conference		Qinghe Hall
16:00-16:40	Poster Viewing/Coffee Break		2nd Floor
16:40-18:00	Plenary Lectures (3)		Lingnan Convention Hall

Time	Event		Venue
18:30-20:00	VIP Reception		Qinghe Hall
Oct 14, 2025			
08:30-09:45	Plenary Lectures (3)		Lingnan Convention Hall
09:45-10:10	Poster Viewing/Coffee Break		2nd Floor
10:10-12:20	Parallel Sessions	PS 12: Proteomics Beyond Mass Spectrometry	Lingnan Convention Hall
		PS 13: Computational and AI Proteomics (B)	Shenzhen Hall
		PS 14: Advances in Agricultural Proteomics	Shantou Hall
		PS 15: Body Fluid Proteomics	Maoming Hall
		PS 16: Proteomics-driven Precision Laboratory Medicine	Jieyang Hall
		PS 17: Posttranslational Modification	Meizhou Hall
12:30-14:00	AOAPO Council Meeting		Lingnan Convention Hall VIP Lounge
12:30-13:30	Industry Seminars	Olink Proteomics	Maoming Hall
		Beijing Qinglian Biotech Co.,Ltd	Meizhou Hall
		SCIEX CHINA	Jieyang Hall
		Illumina	Lingnan Convention Hall
		Novogene Co., Ltd.	Shenzhen Hall
14:00-16:00	Parallel Sessions	PS 18: Cross-species Proteomics	Lingnan Convention Hall
		PS 19: Proteomics of the Microbes	Shenzhen Hall
		PS 20: Proteomics Marries other Omics	Shantou Hall
		PS 21: Proteomics-driven Precision Medicine (B)	Maoming Hall
		PS 22: Proteome Dynamics	Jieyang Hall
16:00-16:30	Poster Viewing/Coffee Break		2nd Floor
16:30-18:00	Plenary Lectures (2) and Closing Ceremony		Lingnan Convention Hall

Plenary Session Program
大会报告日程

Time	Speaker and Title
Oct 12, 2025	
Chair: TBD	
15:40-16:10	**Ruedi Aebersold** *Member of the German National Academy of Sciences Leopoldina* *ETH Zurich, Switzerland* Title: The adaptable modular proteome specifies cellular states
16:10-16:40	**Zi-He Rao** *Member of the Chinese Academy of Sciences, Tsinghua University, China* Title: Pathogen and Public Health
16:40-17:10	**Jun Ma** *Member of the Chinese Academy of Sciences* *Sun Yat-sen University Cancer Center, China* Title: Research on Immunotherapy for Nasopharyngeal Carcinoma
17:10-17:40	**Fu-Chu He** *Member of the Chinese Academy of Sciences* *National Center for Protein Sciences, Beijing, China* Title: π-HuB: Proteomic Navigator of The Human Body
Oct 13, 2025	
Chair: TBD	
08:30-08:55	**Albert Heck** *Member of the Royal Netherlands Academy of Arts and Sciences* *Utrecht University, the Netherlands* Title: Touching upon the millions of hidden treasures in the plasma proteome
08:55-09:20	**Aiping Lyu** *Foreign Member of Academia Europaea, Hong Kong Baptist University, China* Title: Proteomics-Powered Innovation in Modernizing Traditional Chinese Medicine: A Case Study of Oridonin
09:20-09:45	**Wen Gao** *Member of the Chinese Academy of Engineering* *Pengcheng Laboratory, China* Title: Pengcheng CloudBrain Series and Application Exploration of Pengcheng Mind Large Model

Time	Speaker and Title
Chair: TBD	
16:40-17:05	**K. W. Michael Siu** *Fellow of the Royal Society of Canada* *Shandong Provincial Public Health Clinical Center, China* Title: Clinical Application of Mass Spectrometry-Based Proteomics
17:05-17:30	**Ho Jeong Kwon** *Yonsei University, Korea* Title: Organelle-Targeted Chemical Proteomics: Toward Precision Metabolic Therapy
17:30-17:55	**Connie R. Jimenez** *Amsterdam University Medical Center, the Netherlands* Title: Clinical (phospho) proteomics for precision medicine
Oct 14, 2025	
Chair: TBD	
08:30-08:55	**Ming Li** *Fellow of the Royal Society of Canada* *University of Waterloo, Canada* Title: AI for MS: from small data to large data and back to small data
08:55-09:20	**Uwe Völker** *Universitätsmedizin Greifswald, Germany* Title: Multiomics analyses of population-based cohorts - The study of Health in Pomerania (SHIP) as an example
09:20-09:45	**Hui Zhang** *Johns Hopkins University, USA* Title: Clinical Proteomics: Technologies and Applications
Chair: TBD	
16:30-17:00	**Chris Sander** *Harvard Medical School, USA* Title: TBD
17:00-17:30	**Matthias Mann** *Member of the German National Academy of Sciences Leopoldina* *Max Planck Institute of Biochemistry, Germany* Title: MS-based proteomics enters the high-throughput era

Parallel Sessions Program
分会报告日程

Session 1: **Emerging Proteomics Technologies**

Oct 13, 2025 10:10-12:10 (Lingnan Convention Hall)

Chairs: **Haojie Lu, Chu Wang, Minjia Tan**
Secretary General: **Weijie Qin**
Host: **Chu Wang, Minjia Tan**

Time	Speaker and Title
10:10-10:30	**Yasushi Ishihama** *Kyoto Universit, Japan* Title: Ultrahigh-throughput Proteomics with Robust NanoLC/MS/MS with Sample Preparation
10:30-10:50	**Qingsong Lin** *National University of Singapore, Singapore* Title: Acoustically Enhanced Protein Extraction Facilitates Proteomic Analysis of FFPE KRAS-Mutant Colorectal Cancer Tissues
10:50-11:05	**Qun Fang** *Zhejiang University, China* Title: Microfluidic Single-Cell Proteomics and Multi-Omics Analysis
11:05-11:20	**Ying Zhang** *Fudan University, China* Title: Chemical Proteomics Toolbox for Global Mapping of Ligandable Surfaceome and Viral Receptors
11:20-11:35	**Jie Zheng** *Shanghai Jiao Tong University, China* Title: High Resolution HDX-MS Fuels Structural Proteomics: from DDA to DIA ETD
11:35-11:50	**Wei Qin** *Tsinghua University, China* Title: Spatiotemporally Resolved Proteomics Enabled by in Vivo-Compatible Proximity Labeling Methods
11:50-12:00	**Hartmut Schlüter** *University of Hamburg, Germany* Title: Tissue Sampling & Homogenization with Nanosecond- & Picosecond Infrared Laser Systems for Improved Proteomics
12:00-12:10	**Weidi Xiao** *Peking University Chengdu Institute, China* Title: An Automated Proteomic Platform for Extracellular Vesicles: Development and Clinical Applications

Session 2: **Native Mass Spectrometry and Structural Biology**

Oct 13, 2025 10:10-12:15 (Shenzhen Hall)

Chairs: **Guanbo Wang, Hongying Zhong, Wenqing Shu**
Secretary General: **Qun Zhao**
Host: **Hongying Zhong, Fan Liu**

Time	Speaker and Title
10:10-10:30	**Fan Liu** *Leibniz Institute for Molecular Pharmacology, Germany* Title: Building 3D Cellular Architecture by Cross-Linking Mass Spectrometry
10:30-10:50	**Leonard Foster** *University of British Columbia, Canada* Title: Single-cell lipidomics and Proteomics of the Same Cells to Understand Astrocyte Biology
10:50-11:05	**Fangjun Wang** *Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China* Title: Ultraviolet Photodissociation Mass Spectrometry Captures the In-Solution Functional Conformation Dynamics of Proteins
11:05-11:20	**Wenjing Shui** *ShanghaiTech University, China* Title: Conformational dynamics of GPCR Signaling Complexes Revealed by Structural MS
11:20-11:35	**Xiaoyun Liu** *Peking University, China* Title: Bacterial Strategies to Evade Septin-mediated Cell-Autonomous Immunity
11:35-11:50	**Gongyu Li** *Nankai University, China* Title: Chemical Measurement and Molecular Intervention of Disease-Associated Protein Aggregation
11:50-12:05	**Guanbo Wang** *Peking University, China* Title: Resolving Structural Heterogeneity of Natural Proteins from Biological Samples Using Single-ion Super-resolution Mass Spectrometry
12:05-12:15	**Jiayue Sun** *Kyoto University, Japan* Title: Oxidation-Induced Structural Destabilization of βB2-Crystallin: Mechanistic Insights into Trp59/Trp151-Dependent Oligomerization and Cataract Pathogenesis

Session 3: **Single Cell Proteomics**

Oct 13, 2025 10:10-12:20 (Shantou Hall)

Chair: **Qun Fang**
Secretary General: **Zilu Ye**
Host: **Zilu Ye, Xianting Ding**

Time	Speaker and Title
10:10-10:30	**Lihua Zhang** *Dalian Institute of Chemical Physics, Chinese Academy of Science, China* Title: Multi-Omics Analysis for Single Cells
10:30-10:50	**Xianting Ding** *Shanghai Jiao Tong University, China* Title: Single-Cell Spatial Temporal Proteomics and Clinical Applications
10:50-11:10	**Weijie Qin** *National Center for Protein Science (Beijing), China* Title: New Technologies for Spatial, Cellular, and Subcellular Resolution
11:10-11:25	**Xuejiang Guo** *Nanjing Medical University, China* Title: Single-cell Proteomics Reveals Complex Translational Regulation during Gametogenesis
11:25-11:40	**Fan Yang** *Tencent Life Sciences Laboratory, China* Title: Enhancing Proteomics Data Analysis with AI
11:40-11:55	**Chen Li** *Shanghai Jiao Tong University, China* Title: Comparative Proteomic Landscapes Elucidate Human Preimplantation Development and Failure
11:55-12:10	**Yun Yang** *Guangdong International Institutes, China* Title: Towards High-Throughput and High-Sensitivity MS-Based Single-Cell Proteomics
12:10-12:20	**Mo Hu** *Changping Laboratory, China* Title: Asymmetric Protein Abundance among Blastomeres of Pre-Implantation Mouse Embryos Revealed by Single-Cell Proteomics

Session 4: **Understudied Proteomics and Peptidomics**

Oct 13, 2025 10:10-12:10 (Maoming Hall)

Chairs: **Tieliu Shi, Yaoyang Zhang, Chenxi Jia**
Secretary General: **Wenguang Shao, Qian Zhao**
Host: TBD

Time	Speaker and Title
10:10-10:30	**Anthony Purcell** *Monash University, Australia* Title: The Plasma Immunopeptidome - Insights into Tumour Antigen Evolution and Treatment Response
10:30-10:50	**Christopher Overall** *University of British Columbia, Canada* Title: There is No Dark Side of the Proteome... As a Matter of Fact, Its All Dark
10:50-11:05	**Aifu Lin** *Zhejiang University, China* Title: Micropeptides Derived from ncRNA: Unveiling a Hidden Functional Proteome in Tumor Biology
11:05-11:20	**Cuihong Wan** *Central China Normal University, China* Title: Landscape of Novel smORFs and Their Encoded-Peptides Predicted from Crop Genomes
11:20-11:35	**Gong Zhang** *Jinan University, China* Title: Structural and Functional Insights of Human Dark Proteome
11:35-11:50	**Jing Li** *Shanghai Jiao Tong University, China* Title: Integrated Proteogenomics Uncovers Human Microproteins in Gastric Cancer
11:50-12:00	**Honggang Huang** *COFCO Nutrition and Health Research Institute, China* Title: Development and Application of Multi-Omics (Peptidomics + Lipidomics) Strategies for Adulteration Detection in Peanut Oil Authentication Study
12:00-12:10	**Baozhen Shan** *Bioinformatics Solutions Inc, China* Title: An AI-Driven de Novo-Based Multi-Omics Platform for Discovering Cancer-Specific Non-Canonical HLA-I Peptides

Session 5: **Artificial Intelligence and Education**

Oct 13, 2025 10:10-12:05 (Jieyang Hall)

Chairs: **Li Ma, Chunhui Zhang**
Secretary General: **Yue Hua, Cheng Chang**
Host: **Chunhui Deng, Shaohui Huang, Cheng Chang**

Time	Speaker and Title
10:10-10:30	**Luonan Chen** *Institute of Biochemistry and Cell Biology, Chinese Academy of Sciences* *Shanghai Jiao Tong University, China* Title: TBD
10:30-10:45	**Hua Sun** *Peking University,China* Title: Reshaping Higher Education and Promoting Teacher Development in the Digital and Intelligent Era
10:45-11:00	**Lei Chen** *The Hong Kong University of Science and Technology (Guangzhou), China* Title: The New Era of Artificial Intelligence: The Innovation of Large Models and Opportunities for Future Education
11:00-11:15	**Xuming Ji** *Zhejiang Chinese Medical University, China* Title: The Practice and Collaborative Application of Traditional Chinese Medicine Mentorship Platforms and AI - based Courses
11:15-11:30	**Chunhui Zhang** *Nanfang Hospital, Southern Medical University, China* Title: Exploring the Practice of Building Subject Models Based on Generative AI and Sharing Teaching Wisdom
11:30-11:45	**Xiaoyong Hu** *South China Normal University, China* Title: Integrating Artificial Intelligence into Higher Education: Cultivating New - Type Teachers and Innovating Talent - Training Models
11:45-12:05	**Arunima Singh** *Nature Methods, USA* Title: Publishing in Nature Methods and pursuing an Editorial Career

Session 6: **Proteomics-driven Precision Medicine (A)**

Oct 13, 2025 10:10-12:10 (Meizhou Hall)

Chairs: **Yongzhan Nie, Ying Jiang**
Secretary General: **Hong Wang**
Host: **Ed Nice, Hong Wang, Jie Li**

Time	Speaker and Title
10:10-10:30	**Kyunggon Kim** *Asan Institute of Life Sciences, Seoul, South Korea* Title: TBD
10:30-10:50	**Phillip Robinson** *University of Sydney, Australia* Title: ProCan® - Adding Proteomics to Genomics for Precision Oncology
10:50-11:10	**Bing Zhang** *Baylor College of Medicine, USA* Title: TBD
11:10-11:25	**Min-Sik Kim** *Daegu Gyeongbuk Institute of Science and Technology, South Korea* Title: Multi-omics analysis of autism spectrum disorders
11:25-11:40	**Christoph W. Turck** *Kunming Institute of Zoology, Chinese Academy of Sciences, China* Title: Molecular Pathway Illumination for Psychiatric Disorders - From Animal Models via Omics to Biosignatures
11:40-11:55	**Y. Eugene Chin** *Zhejiang Provincial People's Hospital, China* Title: Lysine Post-Translational Modifications in Diversity
11:55-12:10	**Ruibing Chen** *Tianjin University, China* Title: Harnessing Proteome Thermostability to Characterize dsRNA Binding Proteins

Session 7: **Chemoproteomics and Drug Discovery**

Oct 13, 2025 14:00-16:15 (Lingnan Convention Hall)

Chairs: **Mingliang Ye, Kai Zhang**
Secretary General: **Hui Ye**
Host: **Kai Zhang, Hui Ye**

Time	Speaker and Title
14:00-14:20	**Bernd Wollscheid** *ETH Zurich, Switzerland* Title: Precision Medicine, Drug (target) Discovery and Creating Novel Cancer Medicines
14:20-14:40	**Ben Collins** *Queen' s University Belfast, UK* Title: Scaling Up Proteomics Tools for Targeted Protein Degrader Development
14:40-14:55	**Chu Wang** *Peking University, China* Title: Real-Time Isotopic Signature Targeted Profiling
14:55-15:10	**Kai Zhang** *Tianjin Medical University, China* Title: ACSS2 Coupled with KAT7 Regulates Histone β-Hydroxybutyrylation to Enhance Transcription
15:10-15:25	**He Huang** *Shanghai Institute of Materia Medica, Chinese Academy of Sciences, China* Title: Identification and Pathological Function Study of Lactyl-CoA Synthetase
15:25-15:40	**Gang Li** *Institute of Chemical Biology, Shenzhen Bay Laboratory, China* Title: Scaling Covalent Ligand Discovery via Library-versus-Proteome Screening
15:40-15:55	**Hui Ye** *China Pharmaceutical University, China* Title: TRAP: A Universal Chemoproteomic Strategy for Mapping Ligand-Target
15:55-16:05	**Haiting Deng** *Tsinghua University, China* Title: Identification of Aging Biomarkers and Development of Anti-Aging Interventions
16:05-16:15	**Nan Chen** *ChomiX Biotech Co., Ltd, China* Title: Chemoproteomic Discovery and Preclinical Development of FAP-Targeted Radiopharmaceuticals via a Novel Covalent Small-Molecule Ligand

Session 8: **Proteomics of Model System**

Oct 13, 2025 14:00-16:00 (Shenzhen Hall)

Chairs: **Ren Lai, Lingqiang Zhang, Feng Ge**
Secretary General: **Xiaowen Wang**
Host: TBD

Time	Speaker and Title
14:00-14:20	**Ren Lai** *Kun ming Institute of Zoology, Chinese Academy of Sciences, China* Title: Venomics of Animal Venoms and Their Applications for Drug Development
14:20-14:40	**Dong Yang** *National Center for Protein Science (Beijing), China* Title: Multi-Omics Analysis Demonstrates the Pivotal Role of Tardigrade-Specific Genes in Developing Extremotolerant Capability
14:40-15:00	**Xiaozhe Zhang** *Hunan Normal University, China* Title: Structural Characterization, Target Discovery, and Rational Modification of the Neuroprotective Peptide Bidentatide
15:00-15:15	**Mingqiang Rong** *Huazhong University of Science and Technology, China* Title: Deep Mining of Bioactive Peptides from Spider Venom via Multi-Omics Approaches
15:15-15:30	**Shilong Yang** *Northeast Forestry University, China* Title: Thermal Switch Mechanisms of Temperature-dependent Sex Determination in Turtles
15:30-15:45	**Wenliang Zhou** *Southern Marine Science and Engineering Guangdong Laboratory, China* Title: Integrative Multi-Omics Approaches Facilitate the Evolutionary Research of Venom in Scorpaeniformes
15:45-16:00	**Zhijian Cao** *Hubei University of Technology, China* Title: Molecular Mechanism and Evolution of the Itch Induced by Fungal Defensins

Session 9: **Spatial Proteomics**

Oct 13, 2025 14:00-15:45 (Shantou Hall)

Chairs: **Ruijun Tian, Fangqing Zhao, Guixue Hou**
Secretary General: **Yaoting Sun**
Host: **Yaoting Sun**

Time	Speaker and Title
14:00-14:20	**Angus C Grey** *University of Auckland, New Zealand* Title: Comparative Proteomics and Spatial Metabolomics of Ocular Lens Glucose Transport: Implications for Tissue Transparency and Diabetic Cataract
14:20-14:40	**Ruijun Tian** *Southern University of Science and Technology, China* Title: TBD
14:40-14:55	**Zexian Liu** *Sun Yat-sen University Cancer Center, China* Title: Spatial Architecture of the Immune-Tumor Battlefield Determines Therapeutic Response and Prognosis in Nasopharyngeal Carcinoma
14:55-15:10	**Minrui Liang** *Huashan Hospital Affiliated to Fudan University, China* Title: Big Data to Small Target: Spatial Multi-Omics in Autoimmune Disease
15:10-15:25	**Changying Fu** *Southern University of Science and Technology, China* Title: Deciphering Ectodomain Shedding of Membrane Proteins in Pancreatic Cancer: Mechanisms and Functional Implications
15:25-15:35	**Lin Zhu** *Hong Kong Baptist University, Hong Kong, China* Title: Integrative spatially resolved proteomic and metabolomic imaging reveals synovitis endotypes implicated in osteoarthritis progression
15:35-15:45	**Jingfang Bian** *Hong Kong Polytechnic University, Hong Kong, China* Title: Development of a Laser Capture Microdissection-Guided Spatial Proteomics Platform for Layer-Resolved Retinal Proteome in Ocular Study

Session 10: **Modernization of Traditional Chinese Medicine**

Oct 13, 2025 14:00-15:40 (Maoming Hall)

Chairs: **Qingfeng Du, Chunhui Deng**
Secretary General: **Xuefeng Xing**
Host: TBD

Time	Speaker and Title
14:00-14:20	**Zhihong Jiang** *Macau University, China* Title: Glycomic Analysis of Glycoproteins in Traditional Chinese Medicine
14:20-14:40	**Jinghua Yang** *The First Affiliated Hospital of Zhengzhou University, China* Title: Disease-Associated Protein Variants and Their Applications
14:40-15:00	**Jigang Wang** *Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences, China* Title: Comparative Proteomics and Spatial Metabolomics of Ocular Lens Glucose Transport: Implications for Tissue Transparency and Diabetic Cataract
15:00-15:20	**Xiaohe Xiao** *Chinese PLA General Hospital, China* Title: Comparative Proteomics and Spatial Metabolomics of Ocular Lens Glucose Transport: Implications for Tissue Transparency and Diabetic Cataract
15:20-15:40	**Zhongqiu Liu** *Guangzhou University of Chinese Medicine, China* Title: Comparative Proteomics and Spatial Metabolomics of Ocular Lens Glucose Transport: Implications for Tissue Transparency and Diabetic Cataract

Session 11: **Computational and AI Proteomics (A)**

Oct 13, 2025 14:00-16:05 (Jieyang Hall)

Chairs: **Lu Xie, Hao Chi, Wenfeng Zeng**
Secretary General: **Han Wen**
Host: **Lu Xie, Wenfeng Zeng**

Time	Speaker and Title
14:00-14:20	**Henning Hermjakob** *European Bioinformatics Institute, UK* Title: Reactome 4: Pathways Reimagined – Dynamic Visualisation and Intelligent Chat
14:20-14:40	**Juan Antonio Vizcaino** *European Bioinformatics Institute, UK* Title: The PTMeXchange Project: Making PTM-Data FAIR and AI-Ready
14:40-15:00	**Robert Winkler** *National Laboratory for Genomics of Biodiversity, Mexico* Title: Public Money, Public Code, and Public Data in Proteomics
15:00-15:15	**Zilu Ye** *Institute of Systems Medicine, Chinese Academy of Medical Sciences, China* Title: Single-Cell Proteomics Meets AI: Opportunities and Challenges
15:15-15:30	**Peijie Zhou** *Peking University, China* Title: Towards AI Virtual Cell Through Dynamical Generative Modeling of Single-cell Omics Data
15:30-15:45	**Hao Chi** *Institute of Computing Technology, Chinese Academy of Sciences, China* Title: Advancing Computational Proteomics: Large-scale Scoring Models and the pFind Platform
15:45-15:55	**Hong Li** *Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences, China* Title: Computational Methods for spatial proteomics
15:55-16:05	**Menghuan Zhang** *Tongji University, China* Title: Biologically Structured Deep Learning for Context-Specific Inference of Kinase-Substrate Networks

Session 12: **Proteomics Beyond Mass Spectrometry**

Oct 14, 2025 10:10-12:10 (Lingnan Convention Hall)

Chairs: **Shengce Tao, Xiaobo Yu**
Secretary General: **Hewei Jiang**
Host: **Shengce Tao, Xiaobo Yu**

Time	Speaker and Title
10:10-10:30	**Chiensheng Chen** *National Cheng Kung University,Taiwan Proteomics Society, Taiwan, China* Title: A Next-Generation Proteome Microarray: Wafer-Based Mechanistic Proteomics
10:30-10:50	**Limsoon Wong** *National University of Singapore, Singapore* Title: Proteomics Beyond Cataloguing
10:50-11:10	**Zhengming Chen** *University of Oxford, UK* Title: Harnessing the power of proteogenomics in population biobanks to advance precision health
11:10-11:30	**Shuangjia Zheng** *AI Pharmaceutical Research Department, Lingang Laboratory, China* Title: Drugging Undruggable Targets with Generative Models
11:30-11:45	**Shengce Tao** *Shanghai Jiao Tong University, China* Title: Antibody Reactome: From Protein Microarray to PhIP-seq
11:45-12:00	**Xiaobo Yu** *Beijing Institute of Genomics, Chinese Academy of Sciences, China* Title: Large-Scale Analysis of Autoantibody Reactome in Lung Cancer Cohorts with Immunotherapy-Related Adverse Events
12:00-12:10	**Zheng Ser** *IMCB, A*STAR, Singapore* Title: Structural Proteomics and Modelling Identifies Key Interacting Residue and Compact Conformation of Dengue NS2B-NS3 Complex

Session 13: **Computational and AI Proteomics (B)**

Oct 14, 2025 10:10-12:10 (Shenzhen Hall)

Chairs: **Lu Xie, Hao Chi, Wenfeng Zeng**
Secretary General: **Han Wen**
Host: **Hao Chi, Han Wen**

Time	Speaker and Title
10:10-10:30	**Wilson Wen Bin Goh** *Nanyang Technological University, Singapore* Title: Harnessing AI-Driven Proteome Analytics to Transform Mental Health Management: A Singapore Perspective
10:30-10:50	**Yasset Perez-Riverol** *European Bioinformatics Institute, UK* Title: TBD
10:50-11:10	**Shin Kawano** *Kitasato University, Japan* Title: jPOST and JPDM: Attempts to collect metadata
11:10-11:25	**Mingliang Ye** *Fudan University, China* Title: Glyco-Decipher and PELSA-Decipher Facilitate Proteome-Wide Identification of Site-Specific Glycoforms and Ligand-Target Proteins
11:25-11:40	**Cheng Chang** *National Center for Protein Science (Beijing) , China* Title: A Foundation Model for Decoding Dark Proteome through Self-Supervised Learning
11:40-11:50	**Wenfeng Zeng** *Westlake University, China* Title: FennOmix-MHC: A Foundation Model for Peptide–HLA Representation Learning and Shared Epitope Discovery
11:50-12:00	**Jianhui Liu** *Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China* Title: Microbial Resource Mining Based on Computational Proteomics
12:00-12:10	**Yongge Li** *Beijing AI for Science Institute, DP Technology, China* Title: Dynamical Foundation Models for Biology: A Neural ODE Case Study on Proteomics

Session 14: **Advances in Agricultural Proteomics**

Oct 14, 2025 10:10-12:10 (Shantou Hall)

Chairs: **Pingfang Yang, Xuchu Wang, Yingchun Wang**
Secretary General: **Xuna Wu**
Host: **Setsuko Komatsu, Shaojun Dai**

Time	Speaker and Title
10:10-10:30	**Setsuko Komatsu** *Fukui University of Technology, Japan* Title: The Growth of Soybean under Salt Stress Is Modulated in Simulated Microgravity Conditions
10:30-10:50	**Sixue Chen** *University of Mississippi, USA* Title: Unraveling the Molecular Choreography of C3 to CAM Transition in Common Ice Plant Using Multi-Omics
10:50-11:10	**Wolfram Weckwerth** *University of Vienna, Austria* Title: From Pangenomics to Panomics–AI-Assisted Causal Modelling of the GxE Equation
11:10-11:20	**Wang Kun** *WuHan University, China* Title: Decoding Plant Translational Regulation with eRibo-seq: from Initiation Site Switching to Conserved Operon-Like Modules
11:20-11:30	**Xiaojian Yin** *Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, China* Title: Identification of Key Proteins and Elucidation of Their Regulatory Mechanisms in Tanshinone and Terpenoid Biosynthesis
11:30-11:40	**Feng Ge** *Institute of Hydrobiology, Chinese Academy of Sciences, China* Title: Lysine Acetylation and Its Regulatory Enzymes in Cyanobacteria
11:40-11:50	**Yanmei Chen** *China Agricultural Universityy, China* Title: Functional Proteomics Reveals Protein Kinase Networks Orchestrating Maize Abiotic Stress Responses
11:50-12:00	**Kaiguang Yang** *Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China* Title: In Vivo Profiling of Light-Dependent Protein Interactions and Conformational Changes in Spinach by Cross-linker Delivery Coupled with Mass spectrometry
12:00-12:10	**Guocheng Qin** *Peking University, China* Title: The Proteomic Landscape and Homeolog Expression Patterns in Polyploid Wheat

Session 15: **Body Fluid Proteomics**

Oct 14, 2025 10:10-12:15 (Maoming Hall)

Chairs: **Youhe Gao, Tong Wang, Xuejiang Guo**
Secretary General: **Yueshuai Guo**
Host: **Tong Wang, Xuejiang Guo**

Time	Speaker and Title
10:10-10:25	**Youhe Gao** *Beijing Normal University, China* Title: Recent Progress on Urine Biomarkers
10:25-10:45	**Chen Ding** *Fudan University, China* Title: Proteomics-Centered Multi-Omics Study of Tumors
10:45-11:05	**Bo Situ** *Nanfang Hospital, Southern Medical University, China* Title: Circulating Bacterial Extracellular Vesicles: Detection and Clinical Applications Presenter
11:05-11:20	**Wei Sun** *Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences, China* Title: China urine multi-omic analysis
11:20-11:35	**Lili Niu** *Shenzhen Bay Laboratory, China* Title: Integrative Plasma Proteomics and Genomics for Biomarker and Drug Target Identification
11:35-11:50	**Shuxuan Tang** *Beijing Ditan Hospital, Capital Medical University, China* Title: Urinary Proteome Profiling: A Study to Reveal Pregnant Process and Predict Early Drug Efficacy
11:50-12:05	**Wei Sun** *Beijing Qinglian Biotech Co., Ltd, China* Title: Comprehensive solution for Mass Spectrometry-based High-throughput Deep Plasma Proteomics Using Nano-Magnetic Beads
12:05-12:15	**Jihong Tang** *Hong Kong University of Science and Technology, Hong Kong, China* Title: Proteomic Classification and Clonal Evolution of IDH-Mutant Astrocytoma through Pan-omics Integration

Session 16: **Proteomics-driven Precision Laboratory Medicine**

Oct 14, 2025 10:10-12:15 (Jieyang Hall)

Chairs: **Li Ma, Lei Zheng**
Secretary General: **Bin Xiao**
Host: **Xianzhang Huang**

Time	Speaker and Title
10:10-10:30	**Yizhou Jiang** *Fudan University Shanghai Cancer Center, China* Title: Research Methods and Diagnostic and Therapeutic Value of Extracellular Vesicles
10:30-10:50	**Lei Zheng** *Nanfang Hospital, Southern Medical University, China* Title: Molecular Subtyping and Precision Treatment of Triple-Negative Breast Cancer
10:50-11:10	**Youhe Gao** *Beijing Normal University, China* Title: The Foundation of Precision Medicine and Personalized Medicine, Is Based on Omics Data of Urine
11:10-11:30	**Lin Bai** *Shanghai General Hospital, Shanghai Jiao Tong University, China* Title: Tumor Marker Discovery and Diagnostic Applications Based on Pan-Cancer Plasma Proteomic Profiling
11:30-11:50	**Bing Gu** *Guangdong Provincial People's Hospital, China* Title: Interdisciplinary Collaboration Promotes the Development of Precision Laboratory Medicine
11:50-12:05	**Wenbo Cheng** *Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Sciences, China* Title: Developing Domestic Wide Mass Range TQ-MS for Clinical Proteomics
12:05-12:15	**Arka Ray** *Institute of Technology BombayPowai, Mumbai, Indian* Title: Pan-Respiratory Virus Protein Microarray Reveals Diminished IgG Responses to Non-SARS-CoV-2 Viruses Post-Pandemic

Session 17: **Posttranslational Modification**

Oct 14, 2025 10:10-12:25 (Meizhou Hall)

Chairs: **Jinghua Yang, Yan Zhang, Zhixin Tian**
Secretary General: **Jialin Liu**
Host: **Hui Zhang**

Time	Speaker and Title
10:10-10:30	**Giuseppe Palmisano** *University of São Paulo, Brazil* Title: Comprehensive characterization of protein glycosylation in host-pathogen interaction
10:30-10:45	**Zhixin Tian** *Tongji University, China* Title: Structural N-glycoproteomics and Applications
10:45-11:00	**Huali Shen** *Fudan University, China* Title: N-glycosylation in Alzheimer's Disease: Panoramic Characterization and Mechanistic Exploration through Ultra-Deep Glycoproteomics
11:00-11:15	**Zhongyi Cheng** *Jingjie Bio, China* Title: Innovative Proteomics Research in Precision Oncology
11:15-11:30	**Xia Zou** *Shanghai Jiao Tong University, China* Title: Comprehensive Characterization of the O-GalNAc Glycoproteome in Complex Biological Tissues
11:30-11:45	**Yue Zhai** *National Translational Center for Molecular Medicine, Air Force Medical University, China* Title: The Pan-Modifications: Identify Metabolically Responsive PTM Neoantigens and Their Autoimmune Response Mechanisms
11:45-12:00	**Shisheng Sun** *Northwest University, China* Title: High-Resolution Glycoproteomics for Structural and Functional Interpretation of Site-specific Glycans
12:00-12:15	**Yixuan Xie** *Fudan GBA Institute for Precision Medicine, China* Title: Integrating Metabolic Glycan Phenotype Manipulation with Affinity Purification for a Systematic Exploration of Glycoprotein Interaction Networks
12:15-12:25	**Jinjun Gao** *Peking University Shenzhen Graduate School, China* Title:Advancing Proteomics Strategies for Investigating Protein Post-Translational Modifications

Session 18: **Cross-Species Proteomics**

Oct 14, 2025 14:00-16:00 (Lingnan Convention Hall)

Chairs: **Weiqi Zhang, Jing Yang**
Secretary General: **Jing Chen, Jing Lu**
Host: **Weiqi Zhang, Jing Yang**

Time	Speaker and Title
14:00-14:20	**Ping Zheng** *Kunming Institute of Zoology, Chinese Academy of Sciences, China* Title: Naïve Pluripotency and Genomic Stability are Coordinated in Mouse Embryonic Stem Cells by a Novel Pluripotency Regulator Zfp998
14:20-14:40	**Xiangjiang Zhan** *Institute of Zoology, Chinese Academy of Sciences, China* Title: Qinghai-Tibet Plateau Adaptation of a Top Predator-Saker Falcons
14:40-15:00	**Hongjie Yao** *Guangzhou Laboratory, China* Title: Capturing R-loops at Base-Pair Resolution Reveals Clustered R-Loops Activating Gene Expression and YMCAG-Contained R-Loops Inducing DNA Damage
15:00-15:20	**Guoji Guo** *Zhejiang University, China* Title: Mapping and Modeling Cell Landscapes at Single-Cell Level
15:20-15:40	**Lili Zhou** *Nanfang Hospital, Southern Medical University, China* Title: Proteomics and Metabolomics: Discovering the Eye of Storm in Kidney Diseases
15:40-16:00	**Weiqi Zhang** *China National Center for Bioinformation and Beijing Institute of Genomics, Chinese Academy of Sciences, China* Title: Deciphering Aging Mechanisms and Developing Interventions Based on Aging Clocks

Session 19: **Proteomics of the Microbes**

Oct 14, 2025 14:00-15:55 (Shenzhen Hall)

Chairs: **Hengliang Wang, Qingwei Ma, Xiaoyun Liu**
Secretary General: **Leyuan Li**
Host: **Hengliang Wang, Qingwei Ma, Xiaoyun Liu**

Time	Speaker and Title
14:00-14:20	**Paola Roncada** *University "Magna Græcia" of Catanzaro, Italy* Title: The study of Microbiome in the Era of Global Health
14:20-14:40	**Tim Van Den Bossche** *Ghent University, Belgium* Title: Improving Metaproteomics Data Analysis with the Ghent Metaproteomics Toolbox
14:40-15:00	**Liang Qiao** *Fudan University, China* Title: DIA Metaproteomics in Microbiome Research
15:00-15:20	**Kai Cheng** *Quadram Institute, UK* Title: MetaPilot: A One-Stop Platform for Comprehensive Metaproteomics Data Analysis
15:20-15:35	**Yao Zhang** *National Center for Protein Science (Beijing), China* Title: Precision Proteogenomics Unmasks Mycobacterium tuberculosis Species-Specific Dark Proteins and Novel Causal Diagnostic Biomarkers
15:35-15:45	**Yingying Sun** *Westlake University, China* Title: Population-Based Metaproteomics Reveals Functional Associations between Gut Microbiota and Phenotypes
15:45-15:55	**Luman Wang** *Peking University, China* Title: A Practical Guide to Experimental Design and Power Analysis for Metaproteomics Studies

Session 20: **Proteomics Marries other Omics**

Oct 14, 2025 14:00-15:50 (Shantou Hall)

Chairs: **Canhua Huang, Hu Zhou**
Secretary General: **Xinpei Yi**
Host: **Xinpei Yi, Hongxiu Yu**

Time	Speaker and Title
14:00-14:20	**Fernando Corrales** *National Center for Biotechnology, Spain* Title: Proteomics Study of Progressive Familial Intrahepatic Cholestasis 3 (PFIC3)
14:20-14:35	**Zeping Hu** *Tsinghua University, China* Title: Deciphering Disease-Specific Metabolic Reprogramming through Innovative Metabolomics and Multi-omics
14:35-14:50	**Rui Liu** *Sichuan University, China* Title: Metabolic Enzymes function as cellular sensors for radiation-induced damages
14:50-15:05	**Hongxiu Yu** *Fudan University, China* Title: SIRT7 Regulates T-cell Antitumor Immunity through Modulation BCAA and Fatty Acid Metabolism
15:05-15:20	**Yang Wang** *Jinan University, China* Title: Acetylation of Cyclin Dependent Kinases in Cancer
15:20-15:35	**Ling Lin** *Zhongshan Hospital, Fudan University, China* Title: Multi-Omics Profiling Reveals Mitochondrial Metabolic Remodeling in Foam Cell Formation
15:35-15:50	**Yang Zhao** *National Institute of Metrology, China* Title: Proteomics Data Quality Control and Deep Analysis for Precision Oncology

Session 21: **Proteomics-driven Precision Medicine (B)**

Oct 14, 2025 14:00-16:10 (Maoming Hall)

Chairs: **Yongzhan Nie, Ying Jiang**
Secretary General: **Hong Wang**
Host: **Mark Baker, Hong Wang**

Time	Speaker and Title
14:00-14:20	**Chantragan Srisomsap Phiphobmongkol** *Chulabhorn Research Institute, Thailand* Title: Proteomics-Driven Insights into Cancer Biomarkers Discovery
14:20-14:40	**Terence Poon** *University of Macau, China* Title: Data Quality Challenges in Precision Medicine
14:40-15:00	**Teck Yew Low** *Sunway University, Malaysia* Title: TBD
15:00-15:20	**Mark Molloy** *The University of Sydney, Australia* Title: Proteomics of colorectal liver metastases
15:20-15:35	**Shuncheng Li** *Western University (Canada), Canada* Title: TBD
15:35-15:50	**Jinghua Yang** *The First Affiliated Hospital of Zhengzhou University, China* Title: Proteoformics by Pan-modifications & Human Diseases
15:50-16:00	**Xiaohui Liu** *SJTU Technical Center of Clinic-Omics, China* Title: A Multidimensional Proteomic Analysis of Brain Metastases (BrMs) and Gliomas
16:00-16:10	**Daryl Chin** *A*STAR, Singapore* Title: Cell-Surface Proteomics Reveals a Novel Candidate Immunotherapeutic Target in Microsatellite-Stable Colorectal Cancer

Session 22: **Proteome Dynamics**

Oct 14, 2025 14:00-16:15 (Jieyang Hall)

Chairs: **Lihua Zhang, Zhen Liu**
Secretary General: **Lunzhi Dai**
Host: **Lihua Zhang**

Time	Speaker and Title
14:00-14:20	**Wei Wu** *Agency for Science, Technology and Research, Singapore* Title: Going beyond personal in the quest for neoantigens
14:20-14:40	**Pouya Faridi** *Monash University, Australia* Title: Immunopeptidome Dynamics Across Compartments and Treatments
14:40-15:00	**Yansheng Liu** *Yale School of Medicine, USA* Title: Proteome and Phosphoproteome Turnover Atlas: From In Vitro to In Vivo
15:00-15:20	**Nguan Soon Tan** *Nanyang Technological University, Singapore* Title: A Multi Organomics Map Reveals Complementary Metabolic Rewiring by GLP 1 and Dietary Reversion Using the MASLD Mouse Model
15:20-15:35	**Zhen Liu** *Nanjing University, China* Title: Cracking the Glyco-Code
15:35-15:50	**Qun Zhao** *Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China* Title: Large-Scale Mapping of Dynamic Protein Complexes in Cells by in Vivo Crosslinking Mass Spectrometry
15:50-16:05	**Lunzhi Dai** *Sichuan University, China* Title: Internal Standard–Assisted Profiling of Protein Modifications in Low-Input Samples
16:05-16:15	**Miao-Hsia Lin** *National Taiwan University, Taiwan, China* Title: Layer-Resolved Proteomic Profiling of the Cornea After Trigeminal Denervation

学术报告及壁报交流

大会和分会报告的参会代表，请在注册当日（2025 年 10 月 10 日）将报告材料交至大会学术组，报告材料须为 Powerpoint 文件，一律要求英文准备，存储于移动硬盘、USB 闪盘中，大会提供笔记本电脑和幻灯放映设备，不接受个人电脑接入。如有特殊需求，请提前与大会学术组联系。

为更好地进行壁报交流，本次大会壁报建议尺寸为 1.2m(长）*0.9m（宽），请您按照尺寸打印后带至会场，会务组会为您提供必要的工具（胶带、图钉等）。

技术培训与会议注册

大会（注册）网址：www.aohupo2025.com

会前培训注册类型		普通注册	
		人民币	美元
MaxQuant 技术培训 + Peaks on line 培训（10-11 日，2 天）上述两个培训班二选一（平行召开）	学生	500	70
	博士后	500	70
	普通科研工作者	1000	140
	企业人员	2200	300
AI 大模型及蛋白质组应用培训 + 蛋白质组技术培训（12 日上午，3/4 天）上述两个培训班二选一（平行召开）	学生	300	40
	博士后	300	40
	普通科研工作者	500	70
	企业人员	1200	160

大会注册类型	普通注册	
	人民币	美元
学生注册费	1200	160
博士后注册费	1800	250
普通科研工作者注册费	2100	300
企业人员注册费	4000	550

现场注册及报到：2025 年 10 月 10 日 -12 日

现场注册时请携带本人身份证，学生代表需携带学生证。已交费代表请带好汇款凭证，以备核对。正式代表和学生代表，可以参加会议组织的所有活动。注册费包括会务费、资料费、会议期间餐费等。

会议地址和住宿宾馆

会议地址：白云国际会议中心，中国 · 广东省 · 广州 · 白云区白云大道南 1039-1045 号 (白云山风景区、近广州体育馆)

会议报到及现场注册：白云国际会议中心 3 号楼一层大厅

住宿安排：白云国际会议中心岭南东方酒店

其他住宿建议：请参见大科学计划公众号住宿推文

由于参会人员较多，请代表自行乘地铁抵达报到地点。大会组委会不安排车辆接送，望参会代表谅解。交通指南如下：

■ 白云国际机场 ←→ 会议中心

A. 乘地铁 3 号线北延段，在嘉禾望岗站换乘 2 号线，到白云文化广场站（C 口出）下车 , 乘车时间 40 分钟

B. 乘的士走机场高速约 35 分钟 , 费用约人民币 80 元

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推荐路线：

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