布鲁克先进质谱技术加速生物药物研发研讨会

大分子生物药物结构复杂，异质性强，研发人员在生物工艺控制和产品表征中一直都面临着巨大挑战。质谱技术作为一种强大的分析工具，在药物研发早期、生物工艺控制和产品表征中都具有举足轻重的作用。布鲁克作为全球领先的质谱厂商之一，在生物制药领域一直致力于开发质谱新技术和基于质谱技术的药物表征新方案，以提高生物药物研发的效率。

诚邀您莅临本次布鲁克生物药研发研讨会。

会议地址： 上海浦东新区张江碧波路 699 号 No.699 Bi Bo Road, Pudong Shanghai
博雅酒店（Parkyard hotel），花园宴会厅（CHAPEL）

日程安排： 2019 年 4 月 30 日周二

13:00—13:15 **注册 Registration.**

13:15—13:20 **欢迎致辞 Welcome.** *何磊，布鲁克·道尔顿中国南区销售经理*

13:20—14:00 **布鲁克创新的质谱方案加速生物药物研发进程**
Bruker Innovative MS-based solutions to accelerate the development of biopharmaceutics.
刘先明，*布鲁克·道尔顿蛋白组学和生物制药应用主管*

14:00—14:40 **利用 Native MS 和 Top-Down 方法对蛋白复合物和抗体药物进行生物物理和结构表征**
Biophysical and Structural Characterization of Protein Complexes and Therapeutic Antibodies by Native Mass Spectrometry and Top-Down Fragmentation.
崔卫东 博士，美国安进公司资深科学家

14:40—15:10 **timsTOF Pro 助您提高 HCPs 分析速度和覆盖深度**
How to get Speed and Depth in your Host Cell Protein (HCP) analysis with timsTOF Pro
Michael Greig 博士，布鲁克·道尔顿制药/生物制药商务总监

15:10—15:25 **茶歇 Tea break.**

15:25—16:05 **为药物研发提供强有力保证的分析平台**
Enhanced analytical platform to facilitate pharmaceutical drug development
夏思敏 博士，上海药明康德新药开发有限公司分析服务部大分子组组长

16:05—16:35 **全面的质谱工具用于生物药物糖基化深度表征**
Comprehensive MS tools for the in-depth characterization of glycosylation of biopharmaceutics
刘先明，布鲁克·道尔顿蛋白组学和生物制药应用主管

16:35—17:15 **利用 MALDI 质谱成像技术扩大药物发现管线**
Enhancing the drug discovery pipeline using MALDI Imaging
Shannon Cornett 博士，布鲁克·道尔顿全球质谱成像市场经理

17:15—17:30 Q&A

会议咨询: yiting.yu@bruker.com 13370119923

免费注册： http://bruker-marketing.actonsoftware.com/acton/form/4047/020b:d-0001/0/-/-/-/-/index.htm

手机在线注册

讲师简介

Dr. Michael Greig, Director, US Pharma/Biopharma, Bruker Daltonics

Mike Greig joined Bruker in 2018 as the Director of the US Pharma/Biopharma Business Unit for Bruker Daltonics. In the previous 20 years, he worked at Pfizer in Drug Discovery - most recently leading the Protein Dynamics Group, a core biological mass spectrometry research group focusing on Oncology. During his two decades at Pfizer, he directed labs performing everything from high throughput analysis of small molecule libraries using supercritical fluid-MS, protein NMR, native mass spectrometry, HDX-MS for structural biology, protein turnover, fragment-based drug design, to proteomics. He also spent several years at Ionis Pharmaceuticals managing an oligonucleotide based mass spectrometry research lab and worked at Revlon Science Institute as a polymer and analytical chemist. He has taught over 25 mass spectrometry classes at various scientific conferences and companies worldwide, was a Keynote speaker at the International Mass Spectrometry Conference, a member of the Lab Automation Scientific Committee (now SLAS), member of National High Magnetic Field Laboratory FTICR MS Advisory Panel. Mike has over 50 scientific publications ranging from PK properties of oligonucleotides in mice, native MS of biological complexes, HDX to identify resistance mechanisms in oncology, to SFC/MS of small molecule libraries.

Dr. Weidong Cui, Senior Scientist, Amgen, USA

Weidong Cui obtained his Ph.D. with Bixian Peng and Zhen Gao at the Chinese Academy of Sciences in 1998. He spent postdoctoral and guest researcher stays with Chava Lifshitz at the Hebrew University of Jerusalem, James P. Reilly at Indiana University-Bloomington, Stephen E. Stein and Michael R. Zachariah at National Institute of Standards and Technology and University of Maryland College Park, and Peter B. O'Connor and Catherine E. Costello at Boston University. In 2009, he took a staff position the NIH/NIGMS (formerly NCRR) Biomedical Mass Spectrometry Resource led by Michael L. Gross at Washington University in St. Louis where he developed methods and performed research in native MS, top-down MS, high-field FTICR, protein assemblies, and MS-based protein biophysics. In 2012, he assumed administration responsibilities on the operation of the MS Facility of the Chemistry Department at Washington University in St. Louis. Last year, he joined Amgen in Cambridge of Massachusetts as senior scientist of pivotal attribute sciences in the Process Development Organization.

讲师简介

Dr. Simin Xia, Group leader of Analytical Service Unit, WuXi AppTec, China

Dr. Simin Xia is the senior scientist in charge of Large Molecular Service (LMS) group of Analytical Service Unit at WuXi AppTec. She received her PhD in Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS) for proteome study. She joined WuXi AppTec since 2015. Her work includes the MS-based method development for pharmaceutical drug analysis, especially on polymer, oligonucleotide , peptides, mAb and conjugated products.

Xianming Liu, Application Leader of Proteomics and Biopharma, Bruker Daltonics, China

Xianming Liu is application leader of proteomics and biopharma at Bruker Daltonics, China. He is responsible for the technical support and new MS technologies promotion of proteomics and biopharma. His current activities are focused on the proteomic analysis and characterization of therapeutic proteins using timsTOF Pro. After he graduated in Biophysics from Soochow University in 2012, he joined in WuXi Biologics and was primarily involved with biopharmaceuticals characterization and analytical method development. After two and a half years in WuXi Biologics he joined Bruker Daltonics in 2014.

Dr. Shannon Cornett, Global MS Imaging Market Manager, Bruker Daltonics

Dale Shannon Cornett received his Ph.D. in analytical chemistry from the University of Georgia in 1993. Following a post-doc at City of Hope Medical Center, Shannon joined Bruker and spent the next 8 years in various roles including, Applications Scientist, TOF R&D Manager and Product Manager. In 2002, he moved to Vanderbilt University as Research Assistant Professor to work with Professor Richard Caprioli in the then-emerging field of imaging mass spectrometry. Shannon rejoined Bruker Daltonics in 2009 and now serves in the role of Global MS Imaging Market Manager as well as Adjunct Research Professor in Biochemistry at Vanderbilt.

会场信息

Parkyard hotel 博雅酒店

No.699 Bi Bo Road, Pudong Shanghai 上海市浦东张江高科技园区碧波路699号