



The Dedicated Event for Protein/Peptide Professionals



Theme: After a Solution for the Machines of Life



Time: March 21-23, 2010

Place: Beijing International
Convention Center,
China

<http://www.bitlifesciences.com/pepcon2010/>



Invitation Letter

Dear Colleges,

BIT Life Sciences is proud to announce that **PepCon-2010** will be held during March 21-23, 2010 in Beijing, the capital of China. The theme of Conference is "After a Solution for the Machines of Life". PepCon is an international event focusing on the current updates on protein/peptide R & D. Following the success of the 1st PepCon-2008 in Shenzhen, China and the 2nd PepCon-2009 in Seoul, South Korea, it has become an influential conference for Protein/Peptide Professionals accessing to latest breakthroughs and frontiers in Protein/Peptide Sciences and Technology along with the potential business opportunities. Through PepCon events, totally 400+ renowned speakers published their visualized achievements and share their excitement, passion, creativity and innovation by networking with 2000+ people in protein and peptide society.

For PepCon-2010, The topics will cover: Basic Protein Science, Protein Technologies, Proteins and Diseases, Human Proteome Technologies, Protein Kinases, Protein Based Drug Discovery, Protein Expression, Protein Biomarkers, Protein as Biocatalysts and Biomaterials, Protein Analysis and Quality Control, Protein Engineering and Production and so on, in which the program includes:

- 350+ Brilliant Scientific, Tech and Business Presentations Offering You Brainstorms
- 200+ Scientific Posters Presenting Exciting Research Achievements
- 80+ Exhibition Booths Showcasing New Products and New Technologies
- 1000+ Attendees Coming from Worldwide to Exchange Ideas, Build New Network and Foster Friendship

With the economic booming, China has become the essential market for almost every ethical biotech company to target at when they think of expanding its business to Asia. On the other hand, for lower cost and oceanic talent pool considerations, any company with extension of both manufacturing and R & D in China will make the corporation very competitive in global market. Therefore, on behalf of the organizing committee, I cordially invite your organization to be one of the sponsors of this event, which will surely provide your organization with an important and unique opportunity to present your company's specific expertise and products in both formal (lectures, posters, advertising material, trade directory, etc.) and informal (coffee/lunch, etc.) settings to all the other conference delegates, and also it is a good PR opportunity to promote your company among VIP governmental decision makers in China. Your generous sponsorship would be highly appreciated, and our eight year professional conference organization experiences have brought great benefits to all our sponsors for their exploration of new resources in China, and will definitely helping your organization too to make contributions not only to education and public awareness of the important issues in this area and also gain good recognitions from the event operation through our powerful circulation system of 100,000 copies of the meeting worldwide.

Please let us know how we may have the pleasure of serving you and which package of sponsorship that your company selects. For further details about the sponsorship items, please visit the meeting website at:

<http://www.bitlifesciences.com/pepcon2010/index.asp>

We are looking forward to hearing from you. Thank you for considering our request.

Sincerely,

Executive Chair
Xiaodan Mei, Ph.D.



President of BIT Life Sciences



Renowned Speakers



Dr. Gilbert Omenn, Leader of Human Plasma Proteome Project(HPPP), USA



Dr. A. Keith Dunker, Founder/Father of The Protein Trinity, USA



Dr. Kazutoshi Mori, 2009 Canada Gairdner Award Recipient, Japan



Dr. Walter Neupert, Chairman of the EMBO Council, Germany



Dr. William J. Lennarz, Distinguished Professor, Stony Brook University, USA



Dr. Waleed Danho, Distinguished Research Leader, Roche Inc.



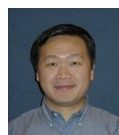
Dr. Wenyan David Shen, Executive Director and Head, Merck & Co., Inc., USA



Dr. Alexander M. Buko, Director, Biogen Idec, Inc., USA



Dr. Abdelazize Laoui, Director Drug Design, Sanofi-Aventis, USA



Dr. Xiayang Qiu, Director of Structural Biology, Pfizer Inc., USA



Dr. Betty Bei Yao, Senior Group Leader, Abbott Laboratories, USA



Dr. Jürgen Wagner, Director, Novartis Institutes, Switzerland



Dr. Steven Bodovitz, Co-Founder, BioPerspectives, USA



Dr. John W. Kozarich, Chairman and President of ActivX Biosciences, USA



Dr. Xiaojian (David) Zhao, Manager, Life Technologies, USA



Dr. Roland Kozlowski, CEO, Lectus Therapeutics Ltd, UK



Dr. Lee Henderson, CEO, Vybion, Inc., USA



Dr. Jianguo Yang, Principal Scientist and Group Leader, Genzyme, USA



Dr. David H Solomon, President/CEO, ZEALAND Pharma A/S, Denmark



Dr. Cheng Liu, CEO, Eureka Therapeutics Inc., USA



Dr. Czeslaw Radziejewski, Group Leader, Abbott, USA



Dr. Bruce Keyt, CSO, Trellis Bioscience, USA



Dr. Christopher J. Mann, Senior Specialist, Genetix Inc., UK



Dr. Lei Sun, President, AutekBio, Inc., USA



Dr. Jiaan Yang, VP, Sundia MediTech Company, Ltd., China



Dr. Chulso Moon, Founder and CEO, Cangen Biotechnologies, USA



Dr. Herbert Thiele, Director, Bruker Daltonik GmbH, Germany



Dr. Daniel Scheidegger, Managing Director, Genzyme, Switzerland



Dr. Habil. J. Sabine Becker, 2009 DGMS Award Recipient, Research Centre Juelich, Germany



Dr. Julius Zhiliang Li, CEO, AutekBio, Inc., USA



Program

Opening Ceremony and Keynote Forum

Opening Ceremony

- Executives of GO and NGO of Protein Science Organizations
- Governmental Regulatory Officers
- Leading Scientists
- Industrial Leaders in Therapeutic Protein Development

Keynote Forum

Title: Advances in Proteomic Profiling of Cancers: Alternative Splice Variants as a New Class of Biomarker Candidate

Dr. Gilbert Omenn, Professor, University of Michigan, Leader of Human Plasma Proteome Project (HPPP), USA

Title: Structurally Disordered Proteins: Roles in Development

Dr. A. Keith Dunker, T-K Li Professor of Medical Research, Indiana University, Founder/Father of The Protein Trinity, USA

Title: The Unfolded Protein Response: Cellular Response That Maintains the Homeostasis of the Endoplasmic Reticulum

Dr. Kazutoshi Mori, Professor, Department of Biophysics, Graduate School of Science, Kyoto University, Japan

Last Keynote Speech Opportunity for Industrial Leaders!

Symposium 1: Basic Protein Science

Session 1-1: Advances of Protein Molecular Biology and Cell Biology

Time: March 21, 2010 13:30-17:30

Keynote Speech: Title: An Antisense RNA Coding Proteins

Dr. Chulso Moon, Founder and CEO, Cangen Biotechnologies, USA

Title: Molecular Machines Mediating Translocation of Proteins across and into the Membranes of Mitochondria

Dr. Walter Neupert, Chairman of the EMBO Council, Professor, University of Munich, Germany

Title: Phospholipid Flippases and Their Influence on Membrane Biogenesis and Vesicular Transport

Dr. Todd R. Graham, Director of Graduate Studies, Department of Biological Sciences, Vanderbilt University, USA

Title: Light-activated DNA Binding in a Designed Allosteric Protein

Dr. Tobin Sosnick, Director, Institute for Biophysical Dynamics, University of Chicago, USA

Title: Functional Analysis of Lysosomal Peptide Transporters in *C. elegans*"

Dr. Ayako Ohashi-Kobayashi, Professor, Laboratory of Immunobiology, Iwate medical University, Japan

Session 1-2: Protein Folding Dynamics, Stability and Quality Control

Time: March 21, 2010 13:30-17:30

Title: Stability-engineering Immune Effector-less Antibodies: A Platform for Improved Scalability, Manufacturability, and Long-term Stability

Dr. Christopher Reyes, Scientist II, Protein Chemistry, Biogen Idec, USA

Title: Conformational Changes during Protein Folding and Binding Revealed by Mutational Analysis

Dr. Thomas Weikl, Group Leader, Max Planck Institute of Colloids and Interfaces, Germany

Title: Architectural Role of Idiosyncratic Helix-turn-helix Motif in Methanogenic-type Seryl-tRNA-synthetase

Dr. Ivana Weygand-Durasevic, Professor of Biochemistry, University of Zagreb, Croatia

Title: Stability and Folding of Hyperthermophilic Proteins

Dr. Kazufumi Takano, Associate Professor, Department of Material and Life Science, Osaka University, Japan

Session 1-3: Protein-Protein Interactions and Protein-Transduction

Time: March 22, 2010 08:30-12:10

Title: Protein Dynamics and Protein-Protein Interaction Processes at Play in the Traffic of Iron In and Out of the Bacterioferritin Cavity

Dr. Mario Rivera, Professor of Chemistry, The University of Kansas, USA



Program

Title: Engineered Fluorescent and Bioluminescent Proteins to Visualize

Biological Function in Living Cells

Dr. Takeaki Ozawa, Professor of Chemistry, Department of Chemistry, School of Science, The University of Tokyo, Japan

Title: Interaction Between Proteins of Iron-metabolism

Dr. Thanh Ha Duong, Professor, Laboratoire ITODYS, Université Paris, France

Session 1-4: Proteins Interacting with DNA and RNA

Time: March 22, 2010 08:30-12:10

Title: Protein and DNA Interactions Studied Using Single-Molecule

Dr. Ching-Hwa Kiang, Physics & Astronomy, Rice University, USA

Title: Analyzing DNA-protein Interactions in Small Cell Numbers by Chromatin Immunoprecipitation

Dr. Philippe Collas, Professor of Medical Biochemistry, University of Oslo, Norway

Title: Biophysical Studies of mRNA-binding Proteins Involved in the Regulation of Gene Expression

Dr. Jacqueline Anne Wilce, Assistant Professor, Department of Biochemistry & Molecular Biology, Monash University, Australia

Session 1-5: Structure Biology, Protein Structure, Dynamics and Functions

Time: March 22, 2010 13:30-17:30

Title: Asymmetric Interactions in Death Domain Oligomerization

Dr. Hao Wu, Professor of Biochemistry and Structural Biology, Weill Medical College of Cornell University, USA

Title: Calculating Free Energy Landscapes of Helix-Forming Peptides Using An Adaptively Biased Molecular Dynamics Method

Dr. Celeste Sagui, Professor, Department of Physics, North Carolina State University, USA

Title: Myosin VI Undergoes Cargo-Mediated Dimerization

Dr. Wei Feng, Professor, Institute of Biophysics, Chinese Academy of Sciences, China

Title: Evolution, Function and Structure of Leucine-rich Repeats

Dr. Norio Matsushima, Professor, Sapporo Medical University, Japan

Title: Protein Flexibility and Modularity in Oncogenic and Tumor Suppressor Signaling

Dr. Richard W. Kriwacki, Adjunct Associate Professor, St. Jude Children's Research Hospital, USA.

Title: Protein Supramolecules and Peptide Serving in Nanotechnology

Dr. Ichiro Yamashita, Professor, Nara Institute of Science and Technology, Japan

Title: Crystal Structures of Apo and Liganded Biotin Protein Ligase from

Staphylococcus Aureus.

Dr. Matthew Charles James Wilce, Head of Structural Biology, Monash University, Australia

Session 1-6: Membrane Proteins

Time: March 22, 2010 13:30-17:30

Keynote Speech: Title: Structure and Mechanisms of Membrane Transporters Studied by Electron and X-ray Crystallography

Dr. Werner Kuehlbrandt, Director, Department of Structural Biology, Max Planck Institute of Biophysics, Germany

Title: Electrofused Expressions Systems and Their Capability for Membrane Protein Characterisation Demonstrated by the Elucidation of the Molecular Properties of Channelrhodopsin-2

Dr. Dirk Zimmermann, Global Development Lead, Assay & System Platform Program, Roche Diagnostics Ltd., Switzerland

Title: Insights into Structure and Function of Membrane Transport Proteins by Protein Chemical and Electron Paramagnetic Resonance Spectroscopic Approaches

Dr. Heinrich Jung, Professor, Department of Biology I, Ludwig Maximilians University, Germany

Session 1-7: Proteins and Signaling

Time: March 22, 2010 13:30-17:30

Title: Small Molecules, Big Impacts: Quorum-Sensing Signaling in Bacterial Social Behaviors

Dr. Yung-Hua Li, Associate Professor,



Program

Dalhousie University, Canada

Title: G Protein Coupled Receptors and Signaling in Hypothalamic GnRH Neurons

Dr. Lazar Krsmanovic, Staff Scientist, PDEGEN, NICHD, NIH, USA

Title: Modulation of Cholinergic Receptor Signaling by Snake Neurotoxin

Dr. Yuri Utkin, Professor, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, Russia

Session 1-8: Protein Trafficking/ Transport/ Translocation, Assembly

Time: March 23, 2010 08:30-12:10

Title: Quantitative Organelle Proteomics of MCF-7 Breast Cancer Cells

Dr. Jasminka Godovac-Zimmermann, Professor, Laboratory for Protein Biochemistry, University College London, UK

Title: Aggregation Mediated Sorting of Vacuolar Proteins into Transport Vesicles at the cis-Golgi Apparatus of Developing Plant Embryos

Dr. Giselbert Hinz, Department of Cell Biology, Heidelberg Institute for Plant Sciences, University of Heidelberg, Germany

Title: ESCRT, Autophagy, and Frontotemporal Dementia

Dr. Jin-A Lee, Department of Biotechnology, Hannam University, Korea

Session 1-9: Ubiquitin, Protein Conjugation and Degradation

Time: March 23, 2010 08:30-12:10

Title: C. elegans CDC-48/p97 Controls Germline-specific Sex Determination

Dr. Kunitoshi Yamanaka, Associate Professor, Department of Molecular Cell Biology, Institute of Molecular Embryology and Genetics, Kumamoto University, Japan

Title: Engineering Ubiquitin Ligases for Targeted Protein Degradation

Dr. Shu-Bing Qian, Assistant Professor, DNS, Cornell University, USA

Session 1-10: Protein Metabolism, Secretion, and Enzyme Dynamics

Time: March 23, 2010 08:30-12:10

Title: Porosome: The Universal Secretory Machinery in Cells

Dr. Bhanu P. Jena, Distinguished Professor, Wayne State University School of Medicine; Director, NanoBioScience Institute, USA

Title: Improving Protein Secretion by Engineering Glycosylation Sites

Dr. Shaoqiu Zhuo, Associate Director of Protein Science, diaDexus, Inc., USA

Session 1-11: Protein Splicing and Endo-and Exocytosis

Time: March 23, 2010 08:30-12:10

Title: Vesicle Exocytosis Mechanisms Gone Awry in Disease: New Insights into Old Mechanisms

Dr. Debbie C. Thurmond, Associate Director, Indiana University School of

Medicine, USA

Title: The Exocyst Complex in Polarized Exocytosis

Dr. Wei Guo, Associate Professor of Biology, University of Pennsylvania, USA

Session 1-12: Protein Modifications

Time: March 23, 2010 13:30-17:30

Title: Protein Phosphorylation Patterns Affected by Nuclear DNA Polymorphisms in a Genome-Wide Scale in Arabidopsis Thaliana

Dr. Birgit Kersten, Head of the GabiPD Team, Bioinformatics, Max Planck Institute for Molecular Plant Physiology, Germany

Title: Methylation of Lysines on Histone Tails: Implications for Gene Regulation and Developmental Biology

Dr. Reidunn Aalen, Professor, Department of Molecular Biosciences, University of Oslo, Norway

Title: Global In Vivo Phosphoproteomics of Developing Oilseed Discovers Extensive Phosphorylation in Metabolic Networks

Dr. Ganesh Kumar Agrawal, Associate Director, Research Laboratory for Biotechnology and Biochemistry (RLABB), Nepal

Title: Hypoxic Silencing of Tumor Suppressors by Epigenetic Mechanism in Cancer Progression

Dr. You Mie Lee, Associate Professor, Department of Natural Sciences, School of Life Sciences and Biotechnology, Kyungpook National University, Korea



Program

Session 1-13: Intrinsically Disordered Proteins

Time: March 23, 2010 13:30-17:30

Title: Structural Disorder and Viability of Aberrant Cellular Proteins

Dr. Peter Tompa, Group Leader, Hungarian Academy of Sciences, Hungary

Title: NMR Delineation of Pre-Structured Motifs(PreSMOs)in Intrinsically Unfolded Proteins(IUPs)

Dr. Ken Nishikawa, Department of Bioinformatics, Maebashi Institute of Technology, Japan

Title: Origin of the Enhanced Binding Rates for Intrinsically Disordered Proteins

Dr. Zhirong Liu, Associate Professor, College of Chemistry and Molecular Engineering, Peking University, China

Title: Pup, a Prokaryotic Ubiquitin-like Protein, is an Intrinsically Disordered Protein

Dr. Xiaoming Tu, Associate Professor, University of Science and Technology of China, China

Symposium 2: Protein Technologies

Session 2-1: Protein Screening, Bioassay and Discovery

Time: March 21, 2010 13:30-17:30

Title: A High Throughput Protein Binding Assay Based on Protein Stability

Dr. Yi Wang, Chief Scientific Officer,

Pharmadiscovers Inc., China

Title: Refining Gel-based Proteomics to Optimize Analyses

Dr. Jens R. Coorsen, Foundation Chair & Head, Molecular Physiology and the Molecular Medicine Program, University of Western Sydney, Australia

Title: Identification of Food-Derived Peptides in Human Peripheral Blood -Good Candidate for Active Peptide with Health-Promotion Activity

Dr. Kenji Sato, Professor, Kyoto Prefectural University, Japan

Session 2-2: NMR, EM and X-Ray Crystallography

Time: March 22, 2010 08:30-12:10

Title: Structure-Function Studies of the Membrane Protein Human Leukotriene C4 Synthase by Cryo-EM

Dr. Ingeborg Schmidt-Krey, Professor, Georgia Institute of Technology, USA

Title: Structural Biology of Disease Related Proteoglycans by NMR and X-ray Crystallography

Dr. Weontae Lee, Professor & Chairman, Yonsei University, Korea

Title: Efficient Studies of Protein-protein Interactions by NMR Spectroscopy

Dr. Gerhard Wider, Director of High Field NMR Laboratory, Swiss Federal Institute of Technology ETH Zurich, Switzerland

Title: Structure Elucidation of Membrane-associated Peptides and Proteins Bound to Lipid Bilayers as

Revealed by Solid-state NMR Spectroscopy

Dr. Akira Naito, Professor, Yokohama National University, Japan

Session 2-3: Protein Chips, Arrays and Protein Structures in Silico

Time: March 22, 2010 08:30-12:10

Title: Microfluidics, Multiplexing and Workflow Integration for Next Generation Protein Analysis Platforms

Dr. Thomas Li, Senior Director, Technology Management, Chief Technology Office, Roche Diagnostics, USA

Title: Biomolecules Array on Chip Using 2D Chemical Modification of Self-assembly Monolayer

Dr. Atsushi Kira, Supervisor, ULVAC Inc., Japan

Title: Investigating Metal-regulated Protein Expression Using Antibody Microarrays and Protein-protein Interaction Database Analysis

Dr. Anthony R. White, Head, The University of Melbourne, Australia

Session 2-4: Cell Free Technologies for Proteins

Time: March 22, 2010 13:30-17:30

Title: Synthesis of Artificially-functionalized Peptides Using Cell-free Translation System in Vitro Selection Method

Dr. Akira Wada, Research Scientist, Advanced Science Institute, RIKEN, Japan

Program

Title: Isolation Technique and New Functions of Cell-free Protein in the Formation of Single Crystals in Calcified Endoskeleton

Dr. M. Azizur Rahman, Associate Professor, University of the Ryukyus, Japan

Title: Cell-free Protein Synthesis at High Temperatures Using the Lysate of a Hyperthermophile

Dr. Tamotsu Kanai, Assistant Professor, Kyoto University, Japan

Session 2-5: Protein Separation and Purification Technologies

Time: March 22, 2010 13:30-17:30

Title: In-Depth Analysis of Serum by Consecutive Depletion and Multi-Dimensional De-Complexing Followed by Nano-LC-MS/MS

Dr. Manfred Raida, Group Leader, Experimental Therapeutics Centre, Singapore

Title: Discovery of Novel Calcium Oxalate Crystal Growth Inhibitory Proteins from Medicinal Plants by Mass Spectrometry

Dr. Chandrdeep Tandon, Associate Professor, Jaypee University of Information Technology, India

Title: A Novel Methacrylate-based Monolith with Sub-Micron Skeleton for Separation of Proteins by Liquid Chromatography

Dr. Li Qi, Associate Professor, Chinese Academy of Sciences, China

Symposium 3: Proteins and Diseases

Session 3-1: Protein Interactions and Diseases

Time: March 21, 2010 13:30-17:30

Title: Parkin-Mediated Ubiquitin Signaling and Parkinson Disease

Dr. Lian Li, Professor and Vice Chair, Emory University, USA

Title: Alpha-synuclein and its A30P Mutant Affect Actin Cytoskeletal Structure and Dynamics

Dr. Evelina Chieragatti, Team Leader, The Italian Institute of Technology, Italy

Title: Role of NADPH Oxidase 1 in Toll-Like Receptor-Mediated Atherosclerosis

Dr. Suk-Hwan Baek, Professor, Youngnam University, Korea

Session 3-2: Protein Networks in Disease

Time: March 21, 2010 13:30-17:30

Title: Dissecting Protein Signaling Network in Malaria Parasites

Dr. Celia R. S. Garcia, Professor, University of São Paulo, Brazil

Title: A Systems Biology-based Identification of Prognostic Markers in Tumor

Dr. Wei Sonya Song, Professor and Director, Beijing Shijitan Hospital, China

Title: Inositol 1,4,5-trisphosphate Receptor Signalling in Apoptosis and

Autophagy

Dr. Jan B. Parys, Professor, K. U. Leuven, Belgium

Session 3-3: Proteins in Apoptosis and Autophagy

Time: March 22, 2010 08:30-12:10

Title: Induction of Autophagy by Anthrax Lethal Toxin

Dr. Aiguo Wu, Vice President, AFG Biosolutions Inc., USA

Title: Cancer Cell Mitochondrial Metabolism and the Anti-apoptotic Protein Bcl-2

Dr. Shazib Pervaiz, Professor, National University of Singapore, Singapore

Title: SET/I2PP2A Localization and Cell Death

Dr. Bernadette Allinquant, Research Director, Université Paris-Descartes, France

Title: Apaf-1 Function in Chemoresistant Ovarian Cancer

Dr. J. Rebecca Liu, Associate Professor, University of Michigan Comprehensive Cancer Center, USA

Session 3-4: Protein Misfolding and Cancers

Time: March 22, 2010 08:30-12:10

Title: Studies on Enzymatic Formation and Degradation of Glycoproteins

Dr. William J. Lennarz, Distinguished Professor, Stony Brook University, USA

Title: A Model of Amyloid's Role in Disease Based on Fibril Fracture



Program

Dr. Damien Hall, Assistant Professor,
University of Tsukuba, Japan

Title: Misfolding and Aggregation of
Proteins in Their Biological Environment:
Challenging A Fundamental Issue in
Protein Misfolding Diseases

Dr. Vittorio Bellotti, Professor,
Universita degli studi di pavia, Italy

Session 3-5: Protein Misfolding and Neurodegeneration

Time: March 22, 2010 13:30-17:30

Title: Calpain Inhibition to Treat
Neurodegenerative Diseases

Dr. Alfred Stracher, Chairman,
Distinguished Professor of Biochemistry,
State University of New York Downstate
Medical Center at Brooklyn, USA

Title: Polyglutamine Protein Misfolding
and Neurodegeneration

Dr. Xiao Jiang Li, Distinguished
Professor, Emory University School of
Medicine, USA

Title: New Trends in the Evolving Role of
Unstructured Proteins in the Etiology of
Distinct Human Diseases

Dr. Ferenc Orosz, Senior Researcher,
Hungarian Academy of Sciences,
Hungary

Session 3-6: Protein Therapeutics for Immunologic & Inflammatory Diseases

Time: March 22, 2010 13:30-17:30

Title: Anti-inflammatory Activities of Soy
Di or Tri Peptides in Dextran Sodium
Sulfate Induced Colitis in Piglets

Dr. Yoshinori Mine, Professor,
University of Guelph, Canada

Title: Mucosal Regulatory T and IgA
Regulation of Intestinal Inflammation
and Host Response to Commensal
Flagellin

Dr. Yingzi Cong, Associate Professor,
Division of Gastroenterology and
Hepatology, School of Medicine, The
University of Alabama, USA

Title: Lactobacillus Rhamnosus
GG-derived Soluble Proteins Prevent
Intestinal Inflammation Through
Activation of Epidermal Growth Factor
Receptor Signaling Pathway

Dr. Fang Yan, Associate Professor,
Vanderbilt University School of Medicine,
USA

Session 3-7: Neurodegeneration and Regeneration

Time: March 22, 2010 13:30-17:30

Title: Cyclin Dependent Kinase
5(Cdk5): Yin & Yang of the Nervous
System

Dr. Harish C. Pant, Senior Investigator,
Laboratory of Neurochemistry, NINDS,
NIH, USA

Title: Stopping Progression of
Parkinson's Disease by Activating the
DJ-1 Gene and Increasing DJ-1 Protein
Content in Brain

Dr. Curt R. Freed, Professor & Head,
Division of Clinical Pharmacology and
Toxicology, University of Colorado School
of Medicine, USA

Title: Cdk5 and Neuron Cell Death

Dr. Shin-ichi Hisanaga, Professor,
Tokyo Metropolitan University, Japan

Symposium 4: Human Proteome Technologies and Cancer Research

Session 4-1: MS, Imaging MS and MALDI-TOF in Proteomics

Time: March 21, 2010 13:30-17:30

Keynote Speech: Title: New Directions
in Bioimaging Mass Spectrometry and
Metalomics for Neurosciences

Dr. J. Sabine Becker, Head of Trace
and Ultratrace Analysis, Central Division
of Analytical Chemistry, Germany

Title: Capture Compound Mass
Spectrometry – an Novel Platform
Technology for Functional Proteomics

Dr. Michael Sefkow, Head of Chemical
Synthesis, Caprotec Bioanalytics GmbH,
Germany

Title: The Interactomics of
Metal-Based Anticancer Complexes

Dr. Fuyi Wang, Professor, Institute of
Chemistry, Chinese Academy of Sciences,
China

Title: Multi Modality Imaging with
Diversity Oriented Fluorescence Library
Approach and MS spectrometry

Dr. Chang Young-Tae, Associate
Professor, National University of
Singapore, Singapore

Session 4-2: Computational Proteomics and Bioinformatics

Time: March 22, 2010 08:30-12:10



Program

Title: Machine Learning Methods for 2D Gel Image Analysis

Dr. Elias S. Manolakos, Professor, Dept. of Informatics & Telecommunications, University of Athens Panepistimioupolis, Greece

Title: Proteomic Characterization of the Human Centrosome by SILAC based Protein Correlation Profiling

Dr. Jens S. Andersen, Professor, Department of Biochemistry and Molecular Biology, University of Southern Denmark, Denmark

Session 4-3: Nanoproteomics, Chip and Array Technologies in Proteomics

Time: March 22, 2010 08:30-12:10

Title: Two-Dimensional Reverse-phase Protein Microarrays: A New Approach to Comprehensive, Disease Specific, Protein Profiling of Patient Samples

Dr. Timothy J. Barder, President, Eprogen, USA

Title: Mapping Phosphotyrosine Signaling Network by Peptide and Protein Arrays

Dr. Shawn SC Li, Associate Professor, University of Western Ontario, Canada

Session 4-4: System Biology and Omics Network

Time: March 22, 2010 13:30-17:30

Title: Algorithmic Systems Biology

Dr. Corrado Priami, President & CEO, The Microsoft Research – University of Trento Centre for Computational and Systems Biology (CoSBI), Italy

Title: Systems Biology and Medicine of Cancer and Chronic Diseases

Dr. Auffray Charles, Research Director, Functional Genomics and Systems Biology for Health, France

Symposium 5: Protein Kinases

Session 5-1: Protein Kinases and Kinome as Drug Targets-Preclinical to Clinical Trials

Time: March 21, 2010 13:30-17:30

Title: Functional Interrogation of the Kinome in Drug Discovery

Dr. John W. Kozarich, Chairman & President, ActivX Biosciences, Inc.; Chief Scientific Advisor, Kyorin Pharmaceutical Co., LTD., USA

Title: The JAK Kinases as Targets for Drug Discovery

Dr. Andrew F. Wilks Ftse, Professor, Exec. Chairman, SYN|thesis med chem., Australia

Session 5-2: Protein Kinase and Apoptosis

Time: March 21, 2010 13:30-17:30

Title: IL-6 Trans-signaling Regulation of Immune Responses and Inflammation in Rheumatoid Arthritis

Dr. Charles J. Malemud, Professor, Case Western Reserve University, USA

Title: Functional Switch of Multifunctional Human Ribosomal Protein S3 by Various Protein Kinases

Dr. Joon Kim, Professor, Laboratory of

Biochemistry, School of Life Sciences & Biotechnology, Korea University, Korea

Session 5-3: Protein Kinase Inhibitors in Cancer

Time: March 22, 2010 08:30-12:10

Title: Antineoplastic Effect of Proliferation Signal Inhibitors: from Biology to Clinical Application

Dr. Maurizio Salvadori, professor, University of Florence, Italy

Title: The MEK/ERK Signaling Pathway Affects Turnover of an ABC Transporter, ABCG2, Which Causes Multidrug Resistance of Cells

Dr. Yasuo Imai, Associate Professor, Department of Pathology, Dokkyo Medical University Koshigaya Hospital, Japan

Title: Exploring FGFR4 as a Potential Drug Target for the Treatment of Hepatocellular Carcinoma

Dr. Ho Han Kiat, Assistant Professor, Department of Pharmacy, National University of Singapore, Singapore

Session 5-4: Protein Kinase and Cell Cycle Control

Time: March 22, 2010 08:30-12:10

Title: Schisandrin B is a Specific Inhibitor of ATR Functioning as Master Controller of DNA Damage Checkpoints

Dr. Tetsuya Konishi, Professor, University of Pharmacy and Applied Life Sciences, Japan

Title: Role of PKC-iota in Cancer Cell Proliferation and Survival

Dr. Mildred Acevedo-Duncan,



Program

Research Associate Professor, USF, VA Research, USA

Title: Protein Kinases in the Ion-transporting ATPases World: A Fascinating Talk about Energy Interconversion

Dr. Adalberto Vieyra, Professor of Biophysics and Physiology, Institute of Biophysics Carlos Chagas Filho and National Institute of Structural Biology and Bioimage, Brazil

Session 5-5: Receptor Tyrosine Kinases

Time: March 22, 2010 13:30-17:30

Title: Targeting the IGFR in Solid Tumors

Dr. Nancy L. Lewis, Director, Phase I Clinical Trial Program, Cooper Cancer Institute, USA

Title: Signaling Pathways Controlling Epithelial Integrity and Shape

Dr. Christian Dahmann, Group Leader, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany

Title: Differential Roles of the Mitogen-Activated Protein Kinase Pathway in Smooth Muscle

Dr. Xi-Long Zheng, Associate Professor, the University of Calgary, Canada

Session 5-6: The EGF Receptor and Associated Signaling

Time: March 22, 2010 13:30-17:30

Title: Role of BMPs and EGF-like Growth Factors in Regulating Ovarian Function

Dr. Shunichi Shimasaki, Professor, Department of Reproductive Medicine,

University of California, San Diego, School of Medicine, USA

Title: Two Phosphodegrons Targeting TAZ for SCF β -TrCP Dependent Degradation in Response to Different Signals

Dr. Qunying Lei, Molecular and Cell Biology Lab, Institutes of Biomedical Sciences, Fudan University, Shanghai, China

Title: Regulation of Actin Cytoskeleton via EGF Signaling

Dr. Laszlo Buday, Deputy Director, Institute of Enzymology, Biological Research Center, Hungary

Session 5-7: Bacterial Protein Kinases

Time: March 23, 2010 08:30-12:10

Title: Fine-tuning of a Histidine Kinase/Response Regulator System by Accessory Proteins in Escherichia Coli

Dr. Kirsten Jung, Professor, Ludwig-Maximilians-Universitaet Muenchen, Germany

Title: Inhibitors Targeting the Two-component Signal Transduction in Bacteria

Dr. Ryutaro Utsumi, Professor, Bioscience, Graduate School of Agriculture, Kinki University, Japan

Session 5-8: The AKT/PI 3-Kinases, and The MAP Kinase Pathway

Time: March 23, 2010 08:30-12:10

Title: PI3K-AKT-mTOR Regulates Cell Differentiation through Notch Pathway

Dr. Hongbing Zhang, Professor of

Physiology, Peking Union Medical College, Chinese Academy of Medical Sciences, China

Title: Protective Effects of Melatonin on the Brain and Retina in Hypoxic Injury

Dr. Kaur Charanjit, Associate Professor, Department of Anatomy, Yong Loo Lin School of Medicine, National University of Singapore, Singapore

Session 5-9: Protein Kinases as Targets for Metabolic Disease

Time: March 23, 2010 08:30-12:10

Title: Appetite Enhancement & Weight Gain by Peripheral TrkB Agonists in Non-human Primates

Dr. John C. Lin, Executive Director, Research, Pfizer Inc. USA

Title: Whole Organ Enzymology of the Creatine Kinase Reaction

Dr. J. S. Ingwall, Harvard Medical School, USA

Session 5-10: Wnt / Hedgehog / Notch Signaling Pathways

Time: March 23, 2010 13:30-17:30

Title: Drosophila Clathrin Adaptor AP-1 Complex Regulates Notch Dependent Binary Cell Fate Decisions

Dr. Roland Le Borgne, PI, Director of Resarch 2 (DR2) CNRS, Developmental Cell Biology, Université de Rennes, France

Title: Wnt Signaling in Bone Regenerative Strategies

Dr. Jan de Boer, Associate Professor, University of Twente, Institute of



Program

Biomedical Technology, The Netherlands

Session 5-11: Kinase Screening, Profiling, Identification and Lead Optimization

Time: March 23, 2010 13:30-17:30

Title: Genome Wide Analysis of Kinase Binding Site Signatures

Dr. Abdelazize Laoui, Director Drug Design, Sanofi-Aventis, USA

Title: Effective Screening Protein Database for Inhibitor and Kinase Binding Site with Quantitative Analysis

Dr. Jiaan Yang, VP of Drug Discovery Technology, Sundia MediTech Company, Ltd., China

Title: Bridging Cheminformatic and Bioinformatic Space via Kinase Profiling: A Data Mining Approach

Dr. Yi Han, Sr. Principal Scientist, Discovery Chemistry, Hoffmann-La Roche Inc. USA

Session 5-12: Small Molecule Kinase Inhibitor Discovery

Time: March 23, 2010 13:30-17:30

Title: A Jak2 Tyrosine Kinase Inhibitor, G6, Suppresses Jak2-V617F Mediated Human Pathological Cell Growth

Dr. Peter P. Sayeski, Associate Professor, Department of Physiology and Functional Genomics, University of Florida College of Medicine, USA

Title: Characterization of Upstream and Downstream Regulators of the MAP3K, MEK3

Dr. Rich Vaillancourt, Associate Professor, Department of Pharmacology

& Toxicology, University of Arizona College of Pharmacy, USA

Session 5-13: Translation Regulation in the CNS

Time: March 23, 2010 13:30-17:30

Title: Translational Control of Synaptic Plasticity and Learning and Memory

Dr. Joel D. Richter, professor, Program in Molecular Medicine, University of Massachusetts Medical School, USA

Title: Abnormal Development and Maintenance of Brain White Matter in Mice Carrying Hypomorphic eIF2B5 Allels

Dr. Orna Elroy-Stein, Professor, Tel-Aviv University, Israel

Title: Translation Initiation and Elongation Factors in Neurological Health and Disease

Dr. Christopher G. Proud, Professor of Cellular Regulation and Head, Biomolecular Sciences, Biological Sciences, University of Southampton, United Kingdom

Symposium 6: Protein Based Drug Discovery

Session 6-1: Target Discovery and Validations

Time: March 21, 2010 13:30-17:30

Title: Peptide Based Drug Discovery – the Zealand Model

Dr. David H Solomon, President, Chief Executive Officer, ZEALAND Pharma A/S, Denmark

Title: Biomarker Identification of Methamphetamine Drug Abuse using a Neuroproteomics Platform

Dr. Firas Kobeissy, University of Florida College of Medicine, USA

Session 6-2: GPCRs in Drug Discovery

Time: March 21, 2010 13:30-17:30

Title: Structure Based Drug Design for GPCRs Becomes a Reality

Dr. Sid Topiol, Associate Director, Computational Chemistry, Lundbeck Research, USA

Title: Cannabinoid CB2 Receptor as a Target for Pain Modulation

Dr. Betty Bei Yao, Senior Group Leader Neurological Disease Research, Global Pharmaceutical Discovery, Abbott Laboratories, USA

Session 6-3: Protein Structure, Modeling, and Fragment-Based Drug Discovery

Time: March 22, 2010 08:30-12:10

Title: Applications of Protein NMR in Fragment Based Drug Discovery

Dr. Hong Wang, Senior Principal Scientist, Pfizer Global R&D, USA

Title: Molecular Imaging in Peptide and Protein Drug Development

Dr. Xiaoyuan (Shawn) Chen, Chief, Laboratory of Molecular Imaging and Nanomedicine(LOMIN)NIBIB/CC/NIH, USA

Session 6-4: Protein Crystallography in Drug Discovery

Program

Time: March 22, 2010 08:30-12:10

Title: Molecular Insights into Protein and Protein-Ligand Interactions to Impact Drug Discovery

Dr. Xiayang Qiu, Director of Structural Biology, Biophysics and AB Computational Chemistry Pfizer Inc., USA

Title: Synthetic EthR Inhibitors Boost Antituberculous Activity of Ethionamide

Dr. Alain R Baulard, Professeur Calmette, Institut Pasteur de Lille, France

Session 6-5: Protein Drug Delivery System and Nanotechnologies

Time: March 22, 2010 13:30-17:30

Title: Therapeutic Delivery of Proteins: Commercialization and Futures

Dr. Mark Bünger, Research Director, Lux Research Inc., USA

Title: Exploring Modular Protein Engineering As a Novel Approach for Gene Therapy

Dr. Neus Ferrer-Miralles, Institut de Biocnologia i Biomedicina, Universitat Autònoma de Barcelona, Spain

Session 6-6: Design Drugs Targeting Protein-Protein Interactions

Time: March 22, 2010 13:30-17:30

Title: ProCode: A Novel Platform to Optimize Antibody Affinity and Solubility with Broader Applications in Drug Development

Dr. Lee Henderson, CEO, Vybion, Inc.,

USA

Title: Interaction of Anti-Microbial Peptides with Membranes –an NMR and Computational Study

Dr. Ulrich Sternberg, Professor, Karlsruhe Institute of Technology, Germany

Session 6-7: New Peptides Drug Discovery

Time: March 22, 2010 13:30-17:30

Keynote Speech: Title: Therapeutic Peptides: Opportunities and Challenges

Dr. Waleed Danho, Distinguished Research Leader, Hoffmann-LaRoche Inc., USA

Title: CIS Display: An in vitro Display Technology for the Selection of Therapeutic Proteins

Dr. Chris Ullman, CSO, Isogenica Ltd., UK

Title: Screening of Peptide Inhibitor Blocks Selectively the Interaction between Estrogen Receptors and Coactivators

Dr. Trang T. P. Phan, Chemical Genomics Centre (CGC), Max-Planck Institute of Molecular Physiology, Germany

Symposium 7: Protein Expression

Session 7-1: Advances in Control of Gene Expression and Alternative Expression

Time: March 21, 2010 13:30-17:30

Title: Regulation of KNOX Gene Expression in Rice

Dr. Yukihiro Ito, Associate Professor, Tohoku University, Japan

Title: Suicide Genes for Anti-cancer Gene Therapy

Dr. Jure Piskur, Professor, Lund University, Sweden

Title: Local Gene Expression in Synaptic Plasticity

Dr. Antonio Giuditta, Professor, University Federico II, Italy

Session 7-2: Eukaryotic/ Prokaryotic, Insect and Mammalian Expression

Time: March 21, 2010 13:30-17:30

Title: Glycoprotein Production in the Single Use and Conventional Bioreactors

Dr. George Lovrecz, Project Leader, CSIRO Molecular & Health Technologies, Australia

Title: Efficient Production of Disulfide Bonded Proteins in the Cytoplasm of E.coli

Dr. Lloyd Ruddock, Professor of Protein Science, University of Oulu, Finland

Title: Antibiotic-free Selection in E. coli: New Considerations for Optimal Design and Improved Production

Dr. Regis Sodoyer, Research Department, Sanofi Pasteur, France

Session 7-3: Novel Protein Expression Systems and Sample Purification, Detection Technologies



Program

Time: March 22, 2010 08:30-12:10

Title: A Gram Quantity Bacterial Expression Method Without a Fermentor
Dr. Jianjun Wang, Associate Professor, Wayne State University, USA

Title: Detection of Protein-protein Interactions(PPIs) in Living Cells with Dual Expression Recombinase Based(DERB)Vector-A Potential Tool for High Throughput PPI Screen and Verification

Dr. JianPing Lu, Research Scientist, McMaster University, Canada

Title: Engineered Micro-Algae to Produce Therapeutic Proteins

Dr. Aude Carlier, CSO& co-founder, Algenics, France

Session 7-4: High Throughput Protein Production and Gene Expression Analysis

Time: March 22, 2010 08:30-12:10

Title: Novel Approach to Chemically Defined Platform Medium and Feed Optimization for CHO Cell Culture

Dr. Xiaojian (David) Zhao, Technical Area Manager, Research & Development, Life Technologies, USA

Title: Human Protein Factory: An Infrastructure to Convert the Human Transcriptome Into the in Vitro-Expressed Human Proteome of Versatile Utility

Dr. Nobuo Nomura, Deputy Director, AIST Tokyo Waterfront, Japan

Symposium 8: Protein Biomarkers

Session 8-1: Protein Biomarker Discovery and Validation for Diagnosis and Treatment

Time: March 23, 2010 08:30-12:10

Title: Bioinformatics Strategies for Diagnosis and Biomarker Discovery in MALDI-TOF-MS Profiles and MALDI TOF Images

Dr. Herbert Thiele, Director Bioinformatics, Bruker daltonik GmbH, Germany

Title: Opportunities and Challenges in Multiplexed Diagnostics

Dr. Steven Bodovitz, Principal, BioPerspectives, USA

Title: Innovative Proteomics Technologies for the Discovery of Valuable Biomarkers for Human Diseases

Dr. Vincent Castronovo, Professor, Department of Biology, Metastases Research Laboratory, GIGA-CANCER (CRCE) University of LIEGE, Belgium

Session 8-2: Toxicity Biomarkers and Biomarkers Assay Development

Time: March 23, 2010 08:30-12:10

Title: Genomic and Proteomic Biomarkers for Toxicology: Evaluating Appropriate Biomarkers in a Sea of Natural Variation

Dr. Rebecca D. Klaper, Assistant Director, Center for Water Security, Great

Lakes WATER Institute, University of Wisconsin-Milwaukee, USA

Title: Oxidative Stress and Toxicity
Dr. Ines Albesa, Departamento de Farmacia, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Argentina

Session 8-3: Protein Biomarkers for Cancers

Time: March 23, 2010 08:30-12:10

Title: Cancer Biomarker Discovery and Development Using Protein and Antibody Arrays

Dr. Ruo-Pan Huang, founder and president, RayBiotech, Inc., USA

Title: Rb Expression - A Biomarker in Urinary Bladder Carcinoma

Dr. Hans Olsson, Associate Professor, Pathology laboratory University hospital Linköping, Sweden

Title: Hakai, An E-Cadherin Binding Protein, As a Novel Tissue Based Tumour Progression Marker

Dr. Angélica Figueroa, Principal Investigator, Biomedical Research Institute (INIBIC), Medical Oncology Unit, A Coruña University Hospital, Spain

Session 8-4: Biomarkers in Drug Development and Clinical Use

Time: March 23, 2010 08:30-12:10

Title: Biomarkers in the Development of Novel Formulations in Nanomedicine

Dr. Paul Debbage, Professor, Department of Anatomy, Histology and Embryology, Medical University



Program

Innsbruck, Austria

Title: Biomarkers Road Map in Drug Discovery in Neurological Disorders

Dr. Rivka Ravid, Senior Scientist, Netherlands Institute for Neurosciences, Royal Dutch Academy of Science, the Netherlands

Session 8-5: Protein Biomarkers for Diseases: Cardiovascular, CNS, Inflammation and Immunology

Time: March 23, 2010 13:30-17:30

Title: Neuroproteomic Dementia Biomarkers: Status Quo and Perspectives

Dr. J. Wiltfang, Professor, University of Duisburg-Essen, Germany

Title: Proteomics Platform and Sample Quality Control Protocols towards the in vivo Discovery of Multiple Sclerosis Biomarkers

Dr. Alexander M. Buko, Director, Biogen Idec, USA

Symposium 9: Protein as Biocatalysts and Biomaterials

Session 9-1: Protein Design and Evolution for Enzymes

Time: March 21, 2010 13:30-17:30

Title: Biocataliomics: a Closer Linker of Chemistry and Biology

Dr. Yijun Chen, Director, Laboratory of Chemical Biology, China Pharmaceutical University, China

Title: A Third Generation of Uronium and Phosphonium Type-Based Coupling

Reagent

Dr. Ayman El-Faham, Professor, King Saud University, Kingdom of Saudi Arabia

Title: Molecular Evolution in Quaternary Structure of an Essential Bacterial Enzyme

Dr. Matthew Perugini, Department of Biochemistry and Molecular Biology, University of Melbourne, Australia

Session 9-2: Metabolic Pathway Engineering and Systems Biology

Time: March 21, 2010 13:30-17:30

Title: Synthetic Biology: Designing Pathways for Useful Cellular Function

Dr. Cil Purnick, Research Associate, Princeton University, USA

Title: 3C-Metabolic Flux Analysis and Metabolic Regulation Analysis of E.coli for the Development of Virtual Cell

Dr. Kazuyuki Shimizu, Professor, Department of Bioscience & Bioinformatics, Kyushu Institute of Technology, Institute for Advanced Biosciences, Keio University, Japan

Session 9-3: Protein Biomaterial Design and Implications

Time: March 21, 2010 13:30-17:30

Title: Proteins in Nanoporous Silica-based Sol-gel Glasses: from Bioencapsulation and Surface Adsorption to Protein Folding Studies

Dr. Bouzid Mena, Research Program Director, Nanotechnology Division, Fluorotronics, Inc., USA

Title: Corn Protein: a New Kind of Biomaterials as Bone Substitute

Dr. Jinye Wang, Professor, School of Life Sciences & Biotechnology, Shanghai Jiao Tong University, China

Title: Molecular Functions Designed in Protein Nanocage Assemblies

Dr. Takafumi Ueno, Associate Professor, Institute for Integrated Cell-Material Sciences, Kyoto University, Japan

Title: Bacterial Inclusion Bodies: a New Functional and Biocompatible Nanomaterial

Dr. Elena García-Fruitós, Institute for Biotechnology and Biomedicine, Applied Microbiology, Autonomous University of Barcelona, Spain

Symposium 10: Protein Analysis and Quality Control

Session 10-1: Progress of Analytical Techniques for Protein

Time: March 22, 2010 13:30-17:30

Title: Analytical Strategies for Early Stage Therapeutic Antibodies Development

Dr. Judy Chou, Senior Group Leader, Genentech, Inc., USA

Title: Analyses and Characterization of Therapeutical Proteins

Dr. Youling Wu, Associate Director, Seattle Genetics, USA

Session 10-2: Chip and Array Technology for Protein Analysis



Program

Time: March 22, 2010 13:30-17:30

Title: Traceless and Site-Specific Immobilization of Proteins onto Solid Supports using Protein Trans-splicing

Dr. Julio A. Camarero, Associate Professor, Department of Pharmacology and Pharmaceutical Sciences, School of Pharmacy, University of Southern California, USA

Session 10-3: Spectroscopic Analysis and other GMP Compliance Analytical Methods

Time: March 23, 2010 08:30-12:10

Title: Quantifying Protein Aggregation

Dr. Hui Ning, Product Specialist, Nanometrics, Malvern Instruments China, China

Title: Key Factors for a Successful Stability Program for Biologics

Dr. Kim Huynh-Ba, Technical Director, Pharmalytik, Germany

Title: Spectroscopic Studies of Changes in Plasma Lipoproteins Induced by External Factors

Dr. Dubravka Krilov, Associate Professor of physics, University of Zagreb, Croatia

Symposium 11: Protein Process Development and Manufacturing

Session 11-1: Cell Line Engineering and Development

Time: March 21, 2010 13:30-17:30

Keynote Speech: Title: Challenges in Cell Line Development

Dr. Jianguo Yang, Principal Scientist and Group Leader, Genzyme, USA

Title: Efficient Screening for Highest Producing Mammalian Cell Clones

Dr. Christopher J. Mann, Senior Application Support Specialist, Genetix Inc., UK

Title: Novel CHO Selection System for Rapidly Generating High Expression Cell Lines to Produce Therapeutically Antibodies

Dr. Xiaoyun Wu, CEO, ADV Bioscience LLC, USA

Title: High-throughput Expression Platform for Recombinant Human Antibody Cell Line Generation

Dr. Cheng Liu, CEO & President, Eureka Therapeutics Inc., USA

Title: Molecule Assessment Before Stable Cell Line Development – Pre-emptive tools to Identify Potential Problematic Attributes

Dr. Janet Chen, Principal Scientist, Amgen, USA

Session 11-2: Cell Culture and Upstream Process Development

Time: March 21, 2010 13:30-17:30

Title: On-Line Monitoring: Animal Cell Cultivation in Suspension and Fixed-Bed Bioreactor Using Dielectric Measurements and Spectroscopy Scanning

Dr. Olivier Berteau, Director, Fogale Inc., USA

Title: Platform Strategy for Upstream Process Development - Streamlining

Efficiency, Product Quality, Technology Transfer and Scale Up

Dr. Xiao Ping Dai, Assistant Director, Medarex Inc., USA

Title: Process Development and Scaling-up Using Disposable Technologies--The New Frontier of Manufacturing Biologics

Dr. Lei Sun, President, AutekBio, Inc., USA

Session 11-3: Improved Separation, Purification, Recovery, Crystallization, and Lyophilization

Time: March 22, 2010 08:30-12:10

Title: Efficient and Flexible Downstream Process for Recombinant Therapeutic Protein Production

Dr. Michelle Xia, Vice President, Crown Bioscience Inc., USA

Title: A New Strategy for Purification of Intact Proteins Simultaneously Satisfying with High Resolution, High Speed, High Sample Loading

Dr. Xindu Geng, Full Professor, Director of Institute of Modern Separation Science, Northwest University, China

Title: A Novel Recombinant System for Efficient Expression of Unstable Proteins--Using a New Fusion Affinity Tag and High-performance Cleavage Enzyme

Dr. Tomohisa Ogawa, Associate Professor, Tohoku University, Japan

Title: Improving Recombinant Protein Purification Yield



Program

Dr. Heping Cao, Principal Research Scientist, United States Department of Agriculture, Agricultural Research Service, USA

Session 11-4: Scaling Up Bioprocess Development for Biotherapeutics

Time: March 22, 2010 08:30-12:10

Title: New Selection Strategies to Predict the Stability and Productivity of Mammalian Cell Lines in Batch Culture Systems

Dr. Sebastien Chenuet, Principal Scientist, Swiss Federal Institute of Technology (EPFL), Switzerland

Title: PURE System for Production of Target Protein and Antibody Drugs

Dr. Takuya Ueda, Professor, The University of Tokyo, Japan

Title: Optimization and Validation of Virus Filtration Process

Dr. In Seop Kim, Associate Professor, Department of Biological Sciences, Hannam University, South Korea

Session 11-5: New Protein Therapeutic Formulation Development

Time: March 22, 2010 13:30-17:30

Title: Studies of Protein Aggregation and Particulates in Support of GMP Manufacturing

Dr. Li Shi, Senior Director, Genzyme, USA

Title: Molecular Mechanism of Monoclonal Antibody Aggregation and

Its Implication for Formulation Development

Dr. Tiansheng Li, President, HTL Biosolutions Inc., USA

Title: Protein Drug Delivery: Challenges and Opportunities

Dr. Ning Li, Sr Principal Scientist, Pfizer, Inc., USA

Title: Functional Proteins and Peptides in Human Milk and Pediatric Nutrition

Dr. Eduard Poels, Vice President, Mead Johnson Nutrition, USA

Symposium 12: Proteins as Drugs-Non-Antibody and Non-Vaccine

Session 12-1: Cytokines/ Chemokine, Interleukins

Time: March 22, 2010 08:30-12:10

Title: New Insight into the Redox Regulation of Proinflammatory and Antiviral Cytokines Production in RNA Virus Infections

Dr. Nathalie Grandvaux, Canada Research Chair in signaling and virus infections, University of Montreal, Canada

Title: Cytokine Network in Diseases: Has the Mysteries Been Unfolded?

Dr. T. K. Chaudhuri, Cellular Immunology Laboratory, University of North Bengal, India

Session 12-2: Hematopoietics and Blood Modifiers

Time: March 22, 2010 13:30-17:30

Title: TXNIP Regulates Hematopoietic Stem Cell Quiescence and Mobilization

Dr. Inpyo Choi, Director, Cell Therapy Research Center, KRIBB, Korea

Title: The Role of ZNF521 Protein in Hematopoietic Cells

Dr. Ikuya Sakai, Professor, Matsuyama University, Japan

Young Scientists Forum

Young Scientists Forum

Time: March 23, 2010 13:30-17:30

Title: Signal Transduction Plasticity; It's Role in Evolution and Human Disease

Dr. Angus Harding, Research Assistant, Institute for Molecular Bioscience, University of Queensland, Australia

Title: Primitive Metalloenzymes Inspired by Nature

Dr. Marc Creus, Postdoctoral Scientific Collaborator and HABILITAND (Group Leader), Department of Chemistry, University of Basel, Switzerland

Call for Speakers, Posters, Sponsors!

Contact: Ms. Sally Guo

Email: sally@bit-pepcon.com

Tel: +86-411-84799609-801

Fax: +86-411-84799629



The Dedicated Event for Protein/Peptide Professionals

Theme: After a Solution for the Machines of Life

Time: March 21-23, 2010 Venue: Beijing International Convention Center, Beijing, China



Exhibition

Exhibitor Benefits Include:

- One Booth Space in the Main Conference Networking Area
- Logo on PepCon Website with Direct Link to Your Website
- Logo on Direct Mail Brochure Distributed to over 100,000 Potential Attendees
- Face-To-Face Marketing your Solutions, Technologies or Products to over 500 Attendees
- Insert in the Conference Tote Bag
- One Registration with Full Conference Access
- One "Booth Only" Personnel Registration
- Participation in Comprehensive Pre-event Marketing Campaigns
- Meeting Guide, Proceeding & Conference Directory Company Listing Including Contact Information and 100 words Description
- Tailored Marketing Strategies to Suit Your Organization's Size, Capabilities and Individual Requirement
- Discount for Your Customers

Who Should Exhibit?

- Protein Therapeutics
- Protein/Peptide Drug
- Peptide Synthesis
- Protein Chips and Microarrays
- Protein Characterization
- Enzyme Engineering
- Custom Peptide
- Antibody Engineering
- Vaccine
- Bioinformatics
- Bioprocess
- CRO
- Drug Discovery
- Biomarkers
- Diagnostics
- Scale-Up & High-throughput
- Purification & Sequencing
- Expression Vectors
- Drug Delivery
- Immunogenicity
- Assay Development
- Disease Prognosis
- Nanotechnology
- Peptide Therapeutics
- Bioactive Peptides
- Formulation Technologies
- Insulin & Interferon
- Software & Solution

Call for Posters

The Poster Sessions offer you a unique opportunity to have your scientific research projects displayed and viewed by your peers, looking over others' work, and exchange opinions with your fellow participants. Attendees may view and discuss the Posters and leave messages for the authors. The posters will be displayed for the duration of the event, allowing maximum visibility of your research studies. Posters must relate to the Conference and Exhibition theme and should illustrate novel science and technologies. Researchers with new results or patents are encouraged to apply. Individuals will be selected to give an oral presentation. Submission of Poster Submission from: February 20, 2009. For details please check: <http://www.bitlifesciences.com/pepcon2010/index.asp>

Exhibit Booth Application Form

Company Name _____

Address _____

City _____

State _____

Zip _____

Country _____

General Phone No _____

General Fax No _____

Internet URL _____

Primary Contact:

Name _____

Title _____

Direct Phone No _____

Direct Fax No _____

Email _____

Exhibit Booth Rental Rates

FEES

Regular rate: \$1699 for One Booth

BOOTH RENTAL INCLUDES:

- 1 booth registration per 3M*3M
- 1 Desk
- 1 120v/500 watt electrical outlet
- 2 plastic chairs
- 1 waste basket and one company ID sign

Please indicate your top 3 booth location choices:

First Choice _____ Second Choice _____ Third Choice _____



Sponsorship

Why Sponsor at PepCon?

PepCon is a dedicated event for protein/peptide Professionals, More than 500 professionals are expected to attend the PepCon 2009, we pleased to offer sponsorship opportunities to organizations that want to increase their visibility among leading research scientists working in the fields of proteomics/peptide science, bioinformatics, systems biology, therapeutic and drug discovery, micro-array and protein chip, bioengineering or bioprocessing. Sponsoring PepCon 2009 is a valuable way to gain maximum exposure for your organization and will demonstrate your company's support for the furthering of research and development in protein/peptide field.

Sponsorship Opportunities

Who Should Sponsor?

Sponsors should include companies from:

- Peptide/ Protein Technology Platforms
- Biomarkers Discovery & Application
- Micro-array and Protein Chip
- Peptide/ Protein Therapeutics
- Peptide/ Protein Drug Discovery
- Bioengineering or Bioprocessing Platforms
- Antibodies and Vaccine
- Peptide Synthesis & Manufacturing
- Contract Research Organizations
- Software Solution Providers
- Regional Development Agencies
- Instrument & Equipment Providers
- Venture Capitalists
- Consultants
- Distribution and Logistics
- Peptide/ Protein Foundation

VIP Sponsorship

• Platinum Sponsor (1) US\$40,000

The Benefits include:

- 1) As the Co-Host of the congress;
- 2) Co-Chairmanship of the congress;
- 3) Welcome Remarks and 35 minute Keynote Speech at Keynote Forum of Opening Ceremony;
- 4) Moderating one Plenary Session and one panelist for one plenary session by sponsor's representative;
- 5) Permanent Faculty membership and enjoy all VIP treatment in the future event
- 6) 2-page corporate profile in the proceedings;
- 7) Name list & contact details of attendees;
- 8) Corporate logo on the cover of the conference proceedings as co-host;
- 9) Corporate Logo on the congress Website;
- 10) Set-up of corporate information desk, and Exhibition Booth (Special Setting) and distribution of corporate marketing information at the congress;
- 11) Eight (8) complimentary full registration passes;
- 12) Full page ad in the inner page of front page of Conference proceedings;
- 13) Four (4) complimentary poster stands

• Gold Sponsor (1) US\$20,000

The Benefits include:

- 1) As the Co-Host of the congress;
- 2) Welcome Remarks and 10 minute Keynote Speech at Keynote Forum of Opening Ceremony;
- 3) Organize one Pre-conference training workshop to dedicated audience during the congress
- 4) Chair a special session closely matching the sponsor's main business sector
- 5) Permanent Faculty membership and enjoy all VIP treatment in the future event
- 6) 2-page corporate profile in the proceedings;
- 7) Name list & contact details of attendees;
- 8) Corporate logo on the cover of the conference proceedings as co-host;
- 9) Corporate Logo on the congress Website;
- 10) Set-up of corporate information desk, and Exhibition Booth (Special Setting) and distribution of corporate marketing information at the congress;
- 11) Eight (4) complimentary full registration passes for PepCon 2009; and Full page ad in the second page of Conference proceedings;
- 12) Four (2) complimentary poster stand



Sponsorship

• Silver Sponsor (1) US\$10,000

The Benefits include:

- 1) As the Supporting Organizer of the congress;
- 2) Welcome Remarks at Keynote Forum of Opening Ceremony;
- 3) Organize one launch showcase to report recent progress on novel therapeutic development during the first day of the congress
- 4) Chair a special session closely matching the sponsor's main business sector
- 5) Permanent Faculty membership and enjoy all VIP treatment in the future event
- 6) 1-page corporate profile in the proceedings;
- 7) Name list & contact details of attendees;
- 8) Corporate logo on the cover of the conference proceedings;
- 9) Corporate Logo on the congress Website;
- 10) Set-up of corporate information desk, and Exhibition Booth (3x 3 m) and distribution of corporate marketing information at the congress;
- 11) Eight (3) complimentary full registration passes; and Full page ad in the third page of Conference proceedings;
- 12) Four (2) complimentary poster stands.

New Leader Sponsorship Category

• Keynote Forum Sponsors (2) US \$ 10000 each

The Benefits include:

1. The naming right for the keynote session;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
6. 1/2 page ad in Conference proceedings of the congress;
7. One (1) complimentary passes for the congress;
8. One (1) complimentary poster stand.

• Welcome Banquet (2) US \$ 10,000

The Benefits include:

1. The naming right for the banquet;
2. 5-minute welcome remarks prior to the banquet;
3. Corporate logo on the congress website;
4. Name list & Contact details of attendees;
5. 1-Page corporate profile in the proceedings of the congress;

6. Distribution of corporate brochure and other related corporate information at the congress;
7. 1/2 page ad in Conference proceedings of the congress;
8. Two (2) complimentary passes for the congress;
9. One (1) complimentary poster stand.

• Session Sponsors (31) US \$ 6000 each

The Benefits include:

1. The naming right for Panel session;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
7. 1/2 page ad in Conference proceedings of the congress;
8. One (1) complimentary passes for the congress;
9. One (1) complimentary poster stand.

• Presenting Company Sponsors (8) US \$ 8000 each

The Benefits include:

1. The naming right for the session;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
6. 1/2 page ad in Conference proceedings of the congress;
7. One (1) complimentary passes for the congress;
8. One (1) complimentary poster stand.

Fast Growth Company Sponsorships

• Luncheon Sponsors (3) US \$8,000 each

The Benefits include:

1. The naming right for Luncheon;
2. 5-minute welcome remarks prior to Luncheon;
3. Corporate logo on the congress website;
4. Name list & Contact details of attendees;
5. 1-Page corporate profile in the proceedings of the congress;
6. Distribution of corporate brochure and other related corporate information at the congress;
8. 1/2 page ad in Conference proceedings of the congress;

Sponsorship

9. One (1) complimentary passes for the congress;
10. One (1) complimentary poster stand.

• **Badge / Belt Sponsor (2) US \$ 5000 each**

The Benefits include:

1. Corporate logo on Badge/Belt/Tote Bag;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
7. 1/2 page ad in Conference proceedings of the congress;
8. One (1) complimentary passes for the congress;
9. One (1) complimentary poster stand.

• **Coffee Break (3) US \$ 5000 each**

The Benefits include:

1. The naming right for Coffee Break;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
7. 1/2 page ad in Conference proceedings of the congress;

8. One (1) complimentary passes for the congress;
9. One (1) complimentary poster stand.

• **Gifts (2) US \$ 5000 each**

The Benefits include:

1. Corporate Logo on Gifts;
2. Corporate logo on the congress website;
3. Name list & Contact details of attendees;
4. 1-Page corporate profile in the proceedings of the congress;
5. Distribution of corporate brochure and other related corporate information at the congress;
7. 1/2 page ad in Conference proceedings of the congress;
8. One (1) complimentary passes for the congress;
9. One (1) complimentary poster stand.

• **Media Exchanges (20)**

The benefits include:

1. 1-page corporate profile in the proceedings of the congress;
2. Corporate logo on the congress website and publications;
3. Distribution of corporate brochure and other related corporate information at the congress;
4. 1/2 page ad in Conference proceedings of the congress;
5. One (1) complimentary passes for the congress;
6. One (1) complimentary poster stand.

If you do not see a sponsorship that suits your company's needs, please contact Sally Guo, Program Leader, at 0086-411-84799609-801 or e-mail to sally@bit-pepcon.com to tailor your sponsorship.

Sponsorship Reservation Form

Company Name _____

Address _____

City _____

State _____

Zip _____

Country _____

General Phone No _____

General Fax No _____

Internet URL _____

Primary Contact:

Name _____

Title _____

Direct Phone No _____

Direct Fax No _____

Email _____

- Sponsorship Items:** Platinum Sponsor (1) Gold Sponsor (1) Silver Sponsor (1) Keynote Forum Sponsors (2)
 Welcome Banquet (1) Session Sponsors (30) Presenting Company Sponsors (8) Luncheon Sponsors (3)
 Badge / Belt Sponsor (2) Coffee Break (3) Gifts (2) Media Exchanges (20)