



PepCon-2009

Time: April 2-4, 2009 Place: COEX, Seoul, South Korea

RENOWNED SPEAKERS



Dr. Young-Ki Paik,
President Elect of HUPO,
President of AOHUPO,
South Korea



Dr. Klaus Lindpaintner,
Roche Distinguished
Scientist and Sr. VP,
Research, Roche,
Switzerland



Dr. Thomas Seewoester,
Director Process
Development, Amgen,
USA



Dr. Frank Grams,
Business Development
Director, Roche Global
Pharma Partnering, Asia



Dr. Gregg B. Fields,
President Elect of
American Peptide Society
(APS), USA



Dr. Jong Shin Yoo,
President, Korea Human
Proteome Organization,
South Korea



Dr. Sang Yup Lee,
Professor & LG Chem
Chair, Professor, KAIST,
South Korea

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Kobe University, JAPAN
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M. D. Anderson Cancer Center, USA
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Ravishankar Shukla University, India
Seoul National University, Korea
Slovak Academy of Sciences, Slovakia
Stanford University, USA
Swiss Institute of Bioinformatics, Switzerland
Université de Rennes, France
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Track 1: Human Proteome Technologies

-From Molecular Machines to System Biology

Track 1-1: Functional Proteomics, Disease Proteomics, Proteome Biology and Systems Biology

Time: April 2, 2009, Thursday, 13:30-17:30

Session Chair: Dr. Mu Wang, VP of Research Monarch LifeSciences, LLC., USA

Keynote Speech



13:30-13:55 **Title:** Proteomics at Large Scale and High Sensitivity

Dr. Larry Gold, Founder, CEO & Chairman of the Board, SomaLogic, Inc., USA

13:55-14:20 **Title:** Targeted Assay Development Using Mass Spectrometry

Dr. Mu Wang, VP of Research Monarch LifeSciences, LLC., USA

14:20-14:45 **Title:** Proteomics Identifies Thymidine Phosphorylase as a Key Regulator of the Angiogenic Potential of Colony-forming Units and Endothelial Progenitor Cell Cultures
Dr. Giordano Pula, Cardiovascular Division, the James Black Centre, King's College London, UK

14:45-15:10 **Title:** System-Level Analysis of Signal Transduction Networks by Quantitative Proteomics and Systems Biology

Dr. Masaaki Oyama, University of Tokyo, Japan

15:10-15:25 Coffee Break

15:25-15:50 **Title:** An Integrative Systems Biology Approach for Discovering Breast Cancer Serum Markers

Dr. Daehee Hwang, Pohang University of Science and Technology, Pohang, Korea

15:50-16:15 **Title:** Functional Proteomic Analysis Identifies Caspase-6 Activation as a Major Signalling Event in Colon Cancer Cell Apoptosis that May Be Targeted for Combination Chemotherapy

Dr. Jason Yongsheng Chan, National University Medical Institutes, Oncology Research Institute, National University of Singapore, Singapore

Track 1-2: Array Based Proteomics

Time: April 3, 2009, Friday, 08:30-12:00

Session Chair: Dr. Jutta Bachmann, CEO, Bachmann Consulting, Norway

Co-Chair: Dr. Xiaolian Gao, Chief Scientific Officer, LC Sciences, USA

08:30-08:55 **Title:** Recent Advances in ProteoChip Technology
Dr. In-Cheol Kang, Professor, Department of Biological Science, Director of BioChip Research Center, CEO of InnoPharmaScreen Inc., Korea

08:55-09:15 **Dr. Jutta Bachmann**, CEO, Bachmann Consulting, Norway

09:15-09:35 **Title:** Proteomic Kinase Substrate and Phosphopeptide Chip Technology for Protein Profiling
Dr. Xiaolian Gao, Chief Scientific Officer, LC Sciences, USA

09:35-09:55 **Title:** High-Content Protein Arrays for Discovery of Peptide and Peptoid Ligands and Nanoengineering of Reagentless Assays

Dr. Alexander N. Asanov, CEO and President, TIRF Technologies, USA

09:55-10:15 **Dr. Satoshi Nishizuka**, Molecular Therapeutics Laboratory, Department of Surgery, Iwate Medical University School of Medicine, Japan

10:15-10:30 Coffee Break

10:30-10:50 **Title:** High Density Peptide Arrays for Drug Development and Biomarker Discovery

Dr. Keting Chu, President & CEO, DigitAB, Inc., USA

10:50-11:10 **Dr. Bin Alwi Zilfail**, Director, Human Genome Centre, School of Medical Science, Universiti Sains Malaysia, Malaysia

Track 1-3: Bioinformatics and Structural Proteomics

Time: April 3, 2009, Friday, 13:30-17:30

Session Chair: Dr. Herbert Thiele, Director Bioinformatics, Bruker Daltonik GmbH, Germany

Keynote Speech



13:30-14:00 **Title:** Metallomics by Imaging Laser Ablation Inductively Coupled Plasma Mass Spectrometry: New Analytical Directions in Brain Research

Dr. J. Sabine Becker, Professor, Central Division of Analytical Chemistry, Research Centre Juelich, Germany

14:00-14:25 **Title:** A New Integrated Bioinformatics Platform for Advanced Protein Identification Strategies and Quantitative Proteomics Studies

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

14:25-14:50 **Title:** An Efficient Method for Solving the Intractable Problem i.e. Protein Structure Prediction

Dr. Huisheng Fang, Professor, Department of Bioinformatics, China Pharmaceutical University, China

14:50-15:15 **Title:** Probing Protein Environment in Enzymatic Process based on Hybrid Computational Modeling: Case Study of Chorismate Mutase Catalysis

Dr. Toyokazu Ishida, Researcher, Institute for Computational Sciences (RICS), National Institute of Advanced Industrial Science and Technology (AIST), Japan

15:15-15:30 Coffee Break

15:30-15:55 **Title:** The Proteome of Crocodile Egg White

Dr. Sompong Thammasirirak, Associated Professor, Khon Kaen University, Thailand

15:55-16:20 **Title:** Classification of Proteins into Structured and Unstructured Regions

Dr. Satoshi Fukuchi, Assistant Professor, Center for Information Biology and DNA Data Bank of Japan, National Institute of Genetics, Research Organization of Information and Systems, Japan

16:20-16:45 **Title:** Gene Expression Profiles and Protein Features Effectively Complement Each Other in Gene Function Prediction

Dr. Krzysztof Wabnik, Plant Systems Biology Department, University of Gent, VIB, Belgium

16:45-17:10 **Title:** Peptide Epitopes: Approach Fragment Based Drug Design from Plant Viruses

Dr. Virendra Gomase, Department of Bioinformatics, Padmashree Dr. D.Y. Patil University, Editor-in-Chief of International Journal of Bioinformatics, India

Track 1-4: Methodology or Technologies of Human Proteome Analysis

Time: April 4, 2009, Saturday, 08:30-12:00

Session Chair: Dr. Chung Hsuan (Winston) Chen, Distinguished Research Fellow & Director, The Genomics Research Center, Academia Sinica, Taiwan

Co-Chair: Dr. Yoshiya Oda, Director, Laboratory of Core Technology, Eisai Co., Ltd., Japan

08:30-08:55 **Title:** Novel Mass Spectrometry Technologies for Ultra-sensitive Analysis

Dr. Chung Hsuan (Winston) Chen, Distinguished Research Fellow & Director, The Genomics Research Center, Academia Sinica, Taiwan

08:55-09:15 **Title:** Novel Method to Elucidate Protein Interactions and Protein Kinases Based on Chemical Proteomics

Dr. Yoshiya Oda, Director, Laboratory of Core Technology, Eisai Co., Ltd., Japan

09:15-09:35 **Title:** Revealing Targets of the Low Abundance Proteome; The Essence of Biomarker Discovery

Dr. Dian Er Chen, Principal Investigator, Sigma-Aldrich, Inc., USA

09:35-09:55 **Title:** The MAPPIT Toolbox: Strategies to Analyze Molecular Interactions in Intact Cells

Dr. Jan Tavernier, Professor, Head, Cytokine Receptor Lab, VIB Department of Medical Protein Research, Ghent University, Belgium

09:55-10:15 **Title:** Phosphoproteome and Quantitative Proteome Analysis Revealed the Role of Nedd4 E3 Ligases in the Tgfbeta Superfamily Signalling Pathways

Dr. Je-Yoel Cho, Department of Biochemistry, School of Dentistry, Kyungpook National University, South Korea

10:15-10:30 Coffee Break

10:30-10:50 **Title:** Modern Optical Analytical Devices for the Express Peptide and Protein Discovering at the Diagnostics and Environmental Monitoring

Dr. Nickolaj F. Starodub, Professor of National University of Life and Environmental Sciences of Ukraine, Kiev, Ukraine

10:50-11:10 **Title:** Analytical methods for studying physical and chemical instabilities of Lenograstim

Dr. Jasmina Tonic-Ribarska, MSci.pharm. Assistant, Center of Drug Quality Control, Faculty of Pharmacy, University "Ss Cyril and Methodius", Macedonia

Track 2: Protein Sciences and Technology

-Understanding the Life Essence and Encouraging Innovations

Track 2-1: Biomarkers Discovery, Assay and Applications

Time: April 2, 2009, Thursday, 13:30-17:30

Session Chair: **Dr. Jong Shin Yoo**, Vice President, Mass Spectrometry Analysis Center, Korea Basic Science Institute, Daejeon, Korea

13:30-13:55 **Title:** Discovery of Glycoproteins as a Cancer Biomarker in Human Plasma by Mass Spectrometry

Dr. Jong Shin Yoo, Vice President, Korea Basic Science Institute, President of KHUPO, Korea

13:55-14:20 **Title:** Multimarker Strategies and Data Integration: Are We Ready for Prime Time in Laboratory Medicine?

Dr. Damien Gruson, Medical Director, LABCO Diagnostics, Paris, France

14:20-14:45 **Title:** Advances in Biomarker Verification / Validation Strategies using QTRAP LC/MS/MS System Technology

Mr. Sanghwa Kim, Application Support Manager, Applied Biosystems, Korea

14:45-15:10 **Title:** Human Serum Glycome for Disease Biomarker Discovery

Dr. Hyun Joo An, Professor, Department of Chemistry, University of California, Davis, USA

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Translating Mass Spectrometry-Based Proteomics of Malignant Lymphoma into Clinical Application: Identification of Disease Biomarkers and Drug Targets

Dr. Megan S. Lim, Director, Hematopathology, Associate Professor, Department of Pathology, University of Michigan, USA

15:50-16:15 **Title:** Use of Tau and S100 Proteins as Markers of Neurotoxicity and Bilirubin Induced Neurotoxicity in Newborns

Dr. Nurullah Okumus, Division of Neonatology, Gazi University, School of Medicine, Ankara, Turkey

16:15-16:40 **Title:** Elucidation of the MHC Ligandome in Patients with Multiple Sclerosis

Dr. Robert Weissert, the Geneva Research Institute, Merck Serono International S.A., Switzerland

16:40-17:05 **Title:** Antigen/Biomarker Discovery Using High Throughput Proteomics Tools

Dr. Xiaowu Liang, President & CEO, ImmPORT Therapeutics Inc., USA

Track 2-2: Biological Significances of Protein Aggregation, Folding/ Unfolding, and Signaling

Time: April 3, 2009, Friday, 08:30-12:00

Session Chair: Dr. Matthias P. Mayer, Project Leader, ZMBH., Germany

08:30-08:55 **Title:** Analyzing Protein Conformations and Dynamics Using Amide Hydrogen Exchange Mass Spectrometry

Dr. Matthias P. Mayer, Project Leader, ZMBH., Germany

08:55-09:15 **Title:** AFM Studies of the Resistance to Unfolding of Titin and von Willebrand Factor (VWF)

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

09:15-09:35 **Title:** Roles of P97/VCP, A Multifunctional AAA Chaperone, in Protein Oligomerization and Aggregation in Neurodegenerative Diseases

Dr. Teru Ogura, Director, Division of Molecular Cell Biology, Institute of Molecular Embryology and Genetics, Kumamoto University, Japan

09:35-09:55 **Title:** Assisted and Unassisted Folding – GroEL/ES and Cyp18 Action on Carbonic Anhydrase

Dr. Uno Carlsson, Professor, Division of Chemistry, IFM-Department of Physics, Chemistry and Biology Linköping University, Sweden

09:55-10:10 Coffee Break

10:10-10:30 **Title:** Computer simulations of Myoglobin

Dr. Alfredo Di Nola, Full Professor, University of Rome "La Sapienza", Italy

10:30-10:50 **Title:** Unraveling Amyloidogenic Behaviour from Computational Analyses

Dr. Flavio Seno, Professor, Department of Physics, University of Padua, Italy

10:50-11:10 **Title:** Factors that Promote or Protect against Formation of Amyloid Fibrils by Folded Proteins

Dr. Daizo Hamada, Assistant Professor of Medicine, Division of Structural Biology (G-COE), Department of Biochemistry and Molecular Biology, Graduate School of Medicine, Kobe University, Japan

11:10-11:30 **Title:** The Role of Phosphorylation Motifs in Dissecting MAP Kinase Signaling

Dr. Richard R. Vaillancourt, Associate Professor of Pharmacology & Toxicology, Department of Pharmacology & Toxicology, University of Arizona College of Pharmacy, USA

11:30-11:50 **Title:** To Bind - or not to Bind: Differential Presentation of a Self-peptide by HLA-B27 Subtypes

Dr. Andreas Ziegler, Professor, Institute for Immune Genetics, Charite University Medicine Berlin, Germany

Track 2-3: Membrane Protein Structure and Functions

Time: April 3, 2009, Friday, 13:30-17:30

Session Chair: Dr. Andreas Ziegler, Professor, Institute for immune genetics, charite University Medicine Berlin, Germany

Keynote Speech

13:30-13:55 **Title:** Proteomic Analysis of Membrane Protein Complexes

Dr. Uwe Schulte, Founder and CEO/CSO of LOGOPHARM GmbH, Germany

13:55-14:15 **Title:** Structure- Function of the Calcium Release Channel by Cryo-electron Microscopy

Dr. Montserrat Samsó, Assistant Professor, Anesthesia, Pain and Perioperative Medicine, Harvard Medical School, USA

14:15-14:35 **Title:** Type IV Secretion Protein Complexes Required for Antibiotic Resistance Transfer in Human Pathogens

Dr. Elisabeth Grohmann, Group Leader, Technical University of Berlin, Germany

14:35-14:55 **Title:** X-ray Crystallographic Evidence for a Triple Conformation of An HLA-B*2705 -bound Self-peptide

Dr. Barbara Uchanska-Ziegler, Group Leader and Head of Structural Biology, Institute of Immunogenetics, Charité-University Medicine Berlin, Free University of Berlin, Germany

14:55-15:15 **Title:** Augmented TLR9-induced Btk Activation in PIR-B-deficient B-1 Cells Provokes Excessive Rheumatoid Factor Production and Autoimmunity

Dr. Toshiyuki Takai, Professor, Department of Experimental Immunology, Institute of Development, Aging and Cancer, Tohoku University, Japan

15:15-15:30 Coffee Break

15:30-15:50 **Title:** The EGFR-trypsin-PAR-2 Pathway in Cell Growth and the $\alpha 4\beta 1$ Integrin/VCAM-1 Interactions in Pre-B Cell Repopulation Were Controlled by Fucosyltransferase
Dr. Akihiro Kondo, Professor, Graduate School of Medicine, Osaka University, Japan

15:50-16:10 **Title:** Nature of inter-NBD (Nucleotide Binding domain) Communication in P-Glycoprotein, a Multi Drug Efflux Pump
Dr. S.L.N.Prasad Reddy, Pharmaceutical Biotechnology and Pharmacognosy, Krupanidhi College of Pharmacy, India

16:10-16:30 **Title:** Coarse-Grained Molecular Dynamics Simulation of Membrane Proteins
Dr. Ken Takahashi, Department of Physiology, Nagoya University School of Medicine, Japan

16:30-16:50 **Title:** Cell Migration is Determined by the Phosphatidylserine Recognition Motif of Rac1
Dr. Daniel G. S. Capelluto, Assistant Professor, Biological Sciences Department Virginia Tech, USA

Track 2-4: Micro-array and Protein Chip Technologies

Time: April 4, 2009, Saturday, 08:30-12:00

Session Chair: Dr. Steven Bodovitz, Principal and Co-Founder, BioPerspectives, USA
Co-Chair Dr. Kwon-Soo Ha, Professor, Director of Institute for Molecular Science & Fusion Technology, Department of Molecular & Cellular Biochemistry, Kangwon National University School of Medicine, South Korea

Keynote Speech

08:30-08:55 **Keynote Speech:** Title: Opportunities and Challenges in Multiplexed Diagnostics
Dr. Steven Bodovitz, Principal and Co-Founder, BioPerspectives, USA

08:55-09:20 **Title:** High Throughput Screening of Antibody-Mimic Peptide by Using Protein Microarray
Dr. Soo-ik Chang, Professor, Department of Biochemistry, Chungbuk National University, Korea

09:20-09:45 **Title:** The Application of Microarrays in High-Throughput Enzyme Profiling
Dr. Mahesh Uttamchandani, Defence Medical and Environmental, Research Institute (DMERI), DSO National Laboratories, Singapore

09:45-10:10 **Title:** Applications of Protein Arrays to Serodiagnosis and Enzyme Activity Assay
Dr. Kwon-Soo Ha, Professor, Director of Institute for Molecular Science & Fusion Technology, Department of Molecular & Cellular Biochemistry, Kangwon National University School of Medicine, South Korea

10:10-10:25 Coffee Break

10:25-10:50 **Title:** A Proteome Chip Approach Reveals New DNA Base Damage Recognition Activities in Escherichia coli
Dr. Chien-Sheng Chen, Assistant Professor, Graduate Institute of Systems Biology and Bioinformatics, National Central University, Taiwan

10:50-11:15 **Title:** Highly Enhanced Fluorescence Detection of Biomolecular Microarrays using Large-area Metal Pattern
Dr. Hee-Tae Jung, Associate Professor, Dept. of Chemical & Biomolecular Engineering, KAIST, Seoul, Korea

11:15-11:40 **Title:** A Protein Chip Approach to Unraveling Networks and Pathways
Dr. Heng Zhu, Assistant Professor, Johns Hopkins University School of Medicine, USA

Track 2-5: Animal & Plant Proteins and Applications

Time: April 4, 2009, Saturday, 13:30-17:30

Session Chair: Dr. Birgit Kersten, Max Planck Institute for Molecular Plant Physiology, Germany

13:30-13:55 **Title:** Structure of a Secondary Vitamin D3 Binding Site of Milk γ -Lactoglobulin for Vitamin D Transport
Dr. Chun-Jung Chen, Professor, Life Science Group, Scientific Research Division, National Synchrotron Radiation Research Center, Taiwan

13:55-14:20 **Title:** Plant Phosphoproteomics – The Road Ahead
Dr. Birgit Kersten, Max Planck Institute for Molecular Plant Physiology, Germany

14:20-14:45 **Title:** Identification of Putative Peptide Ligands and Receptors Involved in Control of Cell-Separation Processes in Plants
Dr. Reidunn B. Aalen, Professor, Department of Molecular Biosciences, University of Oslo, Norway

14:45-15:10 **Dr. Crispin R. Dass**, Sen Res Officer and Lab Head, Orthopaedics Dept., SVHM, Australia

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Pre-infectional Secret Omics – Apoplastic Interaction of Rice and *M. Grisea* Secretomes
Dr. Nam-Soo Jwa, Associate Professor, Sejong University, Korea

15:50-16:15 **Title:** Proteinase Inhibitors from Ginkgo Seeds Are Nonspecific Lipid Transfer Protein and a Novel Antifungal Protein
Dr. Ken-ichi Hatano, Assistant Professor, Chemistry and Chemical Biology, National University Corporation Gunma University, Japan

Track 3: Protein Therapeutics Discovery and Development

-Gateway of Development of Protein Based

Biotherapy

Track 3-1: Protein Therapeutics for Immunologic & Inflammatory Diseases

Time: April 2, 2009, Thursday, 13:30-17:30

Keynote Speech



13:30-13:55 **Title:** A Novel Therapeutic Principle in Autoimmune Diseases

Dr. Peter Buckel, Chief Executive Officer, SuppreMol GmbH, Germany

13:55-14:15 **Title:** Is Inhibition of the JAK/STAT Pathway the Key to Suppressing Inflammation in Rheumatoid

Dr. Charles J. Malemud, Professor of Medicine & Anatomy, Case Western Reserve University School of Medicine, USA

14:15-14:35 **Title:** Expression of Salivary Trefoil Factors in Patients with Chronic Periodontitis

Dr. Ponlatham Chaiyarit, Associate Professor, Department of Oral Diagnosis, Faculty of Dentistry, Khon Kaen University, Thailand

14:35-14:55 **Title:** Extracellular HSC70 as a Novel Mediator of Myocardial Inflammatory Response to Ischemia and Reperfusion

Dr. Xianzhong Meng, Professor of Surgery, Director, Cardiothoracic Inflammation Research, Department of Surgery, University of Colorado Denver, USA

14:55-15:15 **Title:** Heme Oxygenase-1: A Novel Therapeutic Target against Oxidative Tissue Injuries in Acute Inflammation

Dr. Toru Takahashi, Senior Assistant Professor, Department of Anesthesiology and Resuscitology, Okayama University Medical School, Japan

15:10-15:30 Coffee Break

15:30-15:50 **Title:** Development of Antigen-specific Immunotherapy for Autoimmune Disease; Myasthenia Gravis as a Model

Dr. Sin-Hyeog Im, Associate Professor, Department of Life Sciences, Gwangju Institute of Science and Technology (GIST), KOREA

15:50-16:10 **Title:** Discovery of Chemokines Mediating Fibrotic Complications in Renal Diseases in Humans

Dr. Frederick Wai Keung TAM, Imperial College Kidney and Transplant Institute, Imperial College London, United Kingdom

16:10-16:30 **Title:** Development of a Novel DNA Vaccine Targeting Macrophage Migration Inhibitory Factor and Its Efficacy on Murine Models of Inflammatory Diseases

Dr. Shin Onodera, Assistant Professor, Hokkaido University Graduate School of Medicine, Japan

16:30-16:50 **Title:** Passive Transfer of Plasmodium Falciparum MSP Pseudopeptide-Induced Antibodies Efficiently Controlled Parasitaemia in Rodent Malaria-Infected Mice. Potential Applications for a Malarial Vaccine Development

Dr. José Manuel Lozano, Associate Professor, Universidad Nacional de Colombia, Colombia

Track 3-2: Protein Therapeutics for Cancers

Time: April 3, 2009, Friday, 08:30-12:00

Session Chair: **Dr. Frank Grams**, Business Development Director, Roche Global Pharma Partnering, Asia

Co-Chair: **Dr. Quintin Pan**, Director, Head and Neck Oncology Research Program, The Ohio State University Comprehensive Cancer Center, USA

Keynote Speech



08:30-08:55 **Title:** The Rational Design of Fusion Proteins for the Treatment of Solid Cancers

Dr. Glen MacDonald, Chief Scientific Officer & Vice President of Operations, Viventia Biotechnologies, Canada

08:55-09:15 **Title:** Take the Challenge: Testing of Biologicals in Rodent Tumour Models

Dr. Ralf Brandt, CEO & Managing Director, vivoPharm Pty Ltd, Australia

09:15-09:35 **Title:** In Search of Innovation from Asia

Dr. Frank Grams, Business Development Director, Roche Global Pharma Partnering, Asia

09:35-09:55 **Title:** A Mechanistic Based Novel Peptide Blocks Nuclear Import of RelB: p52 Dimer and Sensitizes Prostate Cancer Cells to Ionizing Radiation

Dr. William St. Clair, Associate Professor of Radiation Medicine, University of Kentucky, Lexington, Kentucky, USA

09:55-10:15 **Title:** Protective Anti-Tumor Immune Responses by Murine Dendritic Cells Pulsed with Recombinant CEA-Tat Derived from Escherichia Coli

Dr. Seung-Yong Seong, Professor, Department of Microbiology, Seoul National University College of Medicine, Korea

10:15-10:30 Coffee Break

10:30-10:50 **Title:** Pre-Clinical Development of A Novel Cancer Cell Homing, PKCepsilon Inhibitory Peptide for the Treatment of Head and Neck Cancer

Dr. Quintin Pan, Director, Head and Neck Oncology Research Program, The Ohio State University Comprehensive Cancer Center, USA

10:50-11:10 **Title:** Fibrillar Protein rVP1 Induces Ovarian Cancer Cell Apoptosis via Integrin Signaling

Dr. Shu-Mei Liang, Deputy Director, Agricultural Biotechnology Research Center, Academia Sinica, Taiwan

11:10-11:30 **Title:** A Novel Heptapeptide for Overcoming HSP27-Mediated Radio- and Chemoresistance

Dr. Yun-Sil Lee, Chief, Division of Radiation Effect, Korea Institute of Radiological and Medical Science, Korea

11:30-11:50 **Title:** Acute-Phase Protein Response: Can It Be Used As A Diagnostic Tool For Cancer?

Dr. Onn Haji Hashim, Professor & Head, Department of Molecular Medicine, Faculty of Medicine, University of Malaya, Malaysia

Track 3-3: Promising Protein Therapeutics for CNS Disorders/ Neurodegenerations

Time: April 3, 2009, Friday, 13:30-17:30

Session Chair: Dr. Elena V. Batrkova, Department of Pharmaceutical Sciences, University of Nebraska Medical Center, Center for Drug Delivery and Nanomedicine, USA

13:30-13:55 **Title:** Peptides Targeting Protein Kinases- A GSK-3 Story

Dr. Hagit Eldar-Finkelman, Associate Professor, Department of Human Molecular Genetics and Biochemistry, Sackler School of Medicine, Tel Aviv University, Israel

13:55-14:20 **Title:** Therapeutic Proteins Delivered by Monocytes to the Brain in Parkinson's Disease

Dr. Elena V. Batrkova, Department of Pharmaceutical Sciences, University of Nebraska Medical Center, Center for Drug Delivery and Nanomedicine, USA

14:20-14:45 **Title:** Bird Brains Throw Much Needed Light on New Treatments for Alzheimer's Disease

Dr. Radmila Mileusnic, Reader in Neurobiology, Department of Life Sciences, The Open University, UK

14:45-15:10 **Title:** A Novel Protein in Chick Retina Exhibits Bifunctional Activities: Glutamine Synthetase and Glutamate Decarboxylase

Dr. Nison Sattayasai, Associate Professor, Khon Kaen University, Thailand

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Conformational Stability and Aggregation Mechanism of Amyloid in Alzheimer's Diseases

Dr. Yun-Ru (Ruby) Chen, Research Fellow, The Genomics Research Center, Academia Sinica, Taiwan

Track 3-4: Antibodies or Protein Therapeutics for Major Disease

Time: April 4, 2009, Saturday, 08:30-12:00

Keynote Speech



08:30-08:55 **Title:** Development of Anticalins with Potent anti-VEGF Activity as Inhibitors of Neovascularization in Oncology and Ophthalmology

Dr. Arne Skerra, Vice-Chairman, Founder of Pieris AG and Professor at the Technical University of Munich,

Germany

08:55-09:20 **Title:** Reducing the Immunogenicity of Therapeutic Antibodies

Dr. Matthew Baker, Chief Scientific Officer, Antitope Ltd, UK

09:20-09:45 **Title:** FGF21 as a Novel Metabolic Regulator

Dr. Radmila Micanovic, Research Advisor, Biotechnology Discovery Research, Lilly Research Laboratories, U.S.A.

09:45-10:10 **Title:** Designing New Analogs of Glycoprotein Hormones Using Site-directed Mutagenesis and Gene Transfer

Dr. Fuad Fares, Associated Professor, Faculty of Science and Science Education, Haifa University, Haifa, Israel, and ModigeneTech, Weizmann Science Park, Nes-Ziona, Israel

10:10-10:25 Coffee Break

10:25-10:50 **Title:** A Panel of Anti-PrP Monoclonal Antibodies for Research, Diagnostics and Therapy

Dr. Vladka Curin Serbec, Proffer, Blood Transfusion Centre of Slovenia, Centre for the production of diagnostic reagents and for research, Slovenia

Track 3-5: Nanotechnology and Peptide/Protein Formulation and Delivery Technology

Time: April 4, 2009, Saturday, 13:30-17:30

Co-Chair: Dr. Shailendra Saraf, Director Institute of pharmacy and Dean, Faculty of Technology, Pt. Ravishankar Shukla University, India

Keynote Speech



13:30-13:55 **Title:** Delivery of Topically Applied Antibody Fragments to the Back of the Eye

Dr. Dominik Escher, Chief Executive Officer, ESBATech AG, Switzerland

13:55-14:20 **Title:** Experimental Approach for Growth Inhibition of Human Malignancies by the Highly Efficient Transporter-mediated Anti-tumor Peptide Delivery System

Dr. Eisaku Kondo, Associate Professor, Department of Pathology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan

14:20-14:45 **Dr. Alexander Denisov**, Head of Division for Mol.Genetics & Immunology, Research Center For Toxicology, Russia

14:45-15:10 **Title:** Protein Microspheres for the Delivery of Anti-Tuberculosis Drugs

Dr. S.K. Mehta, Department of Chemistry and Centre of Advanced Studies in Chemistry, Panjab University, INDIA

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Design of Functional Peptide-Nanoparticle Complexes with Potential Applications in Targeted Drug Delivery
Dr. Bengt-Harald Jonsson, Division of Molecular Biotechnology, Department of Physics, Chemistry and Biology, Linköping University, Sweden

15:50-16:15 **Dr. Hayat Onyuksel**, Associate Head and Professor of Pharmaceutics and Bioengineering, College of Pharmacy, University of Illinois at Chicago, USA

16:15-16:40 **Title:** Nanotechnology: Novel and Potent Protein Formulation Technology
Dr. Shailendra Saraf, Director Institute of pharmacy and Dean, Faculty of Technology, Pt. Ravishankar Shukla University, India

Track 4: Bioengineering or Bioprocessing: Protein Downstream Technologies

-Riding on the Third Wave of White Biotechnology

Track 4-1: Cell Genetics, Cell Line Development for Protein Production

Time: April 2, 2009, Thursday, 13:30-17:30

Session Chair: Dr. George Lovrecz, Project Leader, Fermentation Group, CSIRO Molecular & Health Technologies, Australia

Co-Chair: Dr. John H Chon, Director, Upstream Process Development, PERCIVIA, USA

Keynote Speech



13:30-13:55 **Title:** New Strategies for Efficiently Producing Repetitive Proteins – Spider Silk as an Example

Dr. Sang Yup Lee, Distinguished Professor & LG Chem Chair, Professor, Dept. of Chemical & Biomolecular Engineering, KAIST, Korea

13:55-14:20 **Title:** Mammalian Cell Cultures: How the Glycosylation Pattern Can be Influenced by Various Scale-up Methods?

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

14:20-14:45 **Title:** PER.C6 Technology: A Human Cell Line for Recombinant Protein Production at Extreme Levels

Dr. John H Chon, Director, Upstream Process Development, PERCIVIA, USA

14:45-15:10 **Title:** MaXxpress: A Route to High Protein Productivity in CHO

Dr. Steve Williams, Cobra Biomanufacturing, PLC, UK

15:10-15:35 **Title:** Biomarker Detection in Vaccine Cell Lines

Dr. Susan Pang, Senior Researcher, Bio-Molecular, LGC Ltd, UK

15:35-15:50 Coffee Break

Track 4-2: Protein Expression, Purification and Lyophilization

Time: April 2, 2009, Thursday, 13:30-17:30

Session Chair: Dr. E. K. Lee, Bioprocessing Research Lab., Dept. of Chem. Eng. Hanyang University, Ansan, Korea

15:50-16:15 **Title:** Largest Comparative Study on Expression Improvement by Gene Optimization Clearly Demonstrates Superiority over Wildtype Gene approach

Dr. Max Mühlig-Versen, Senior Manager, GENEART AG, Germany

16:15-16:40 **Title:** The Removal of Aggregation During Process Purification

Dr. Faisal Uddin, Biopharmaceutical Development Department, MedImmune Ltd, United Kingdom

16:40-17:05 **Title:** A Novel Versatile and Tightly Regulated Microbial Expression for Methylophilic Bacteria and E. Coli Production Strains

Dr. Carlos B. Míguez, Project Leader, Microbial and Enzymatic Technology Group, Biotechnology Research Institute, National Research Council of Canada, Canada

Track 4-3: Recombinant Monoclonal /Antibodies and Protein-based Vaccine Bio-engineering

Time: April 3, 2009, Friday, 08:30-12:00

Session Chair: Dr. Thomas Seewoester, Director Process Development, Amgen, USA

Keynote Speech

08:30-08:55 **Keynote Speech: Title:** Engineering Solutions to Improve Recombinant Protein Production - From Genetic Engineering to Process Engineering

Dr. Xuefeng Yu, Director, Bacterial Upstream Process Development, Sanofi Pasteur, Canada

08:55-09:20 **Title:** Exploring Stable Protein Domains for the Rapid Identification of Malaria Vaccine Candidates

Dr. Giampietro Corradin, Associate Professor, Biochemistry Dept., University of Lausanne, Switzerland

09:20-09:45 **Title:** Therapeutic Potentials of Anti-Tn-antigen Antibodies: IGF-I receptor Down-regulation as a Cancer Growth Inhibition Mechanism

Dr. Yoko Fujita-Yamaguchi, Professor, Applied Biochemistry, Tokai University School of Engineering, Japan

09:45-10:10 **Title:** Recombinant Monoclonal Secretory Immunoglobulin A: Antigen Delivery Vehicle for Immunization

Dr. Blaise Cortesey, Division of Immunology and Allergy, CHUV, Switzerland

10:10-10:25 Coffee Break

Track 4-5: Protein Product Quality Enhancement to Protein Analytics

Time: April 3, 2009, Friday, 08:30-12:00

Session Chair: Dr. Thomas Seewoester, Director Process Development, Amgen, USA

Keynote Speech



13:30-13:55 **Title:** The Quest for Superior Product Quality – A Play between Enhancing and Selecting
Dr. Thomas Seewoester, Director Process Development, Amgen, USA

10:25-10:50 **Title:** Development of Target Specific Recombinant Polyclonal Antibody Products

Dr. Torben P. Frandsen, Director, Antibody Chemistry, Symphogen A/S, Denmark

10:50-11:15 **Title:** Doing Business Globally. Cross-Border Collaborations, Platform Technologies and Market Opportunities with Ital

Dr. Paolo Barbanti, CEO, Pharma & Biotech Advisors srl, Italy

11:15-11:40 **Title:** Comparability Assessment During Protein Product Development: Innovative vs Bigeneric Products

Dr. Suman T. Patel, Senior Director, Shire HGT, MA, USA

11:40-12:05 **Dr. Satomi Onoue**, Department of Pharmacokinetics and Pharmacodynamics, School of Pharmaceutical Sciences, University of Shizuoka, Japan

Track 5: Peptide Structure and Functions and Therapeutic Designs

- Smart Mimics of Bioactive Molecules with Understanding the functions

Track 5-1: Peptide Conformations, Stability and Functions

Time: April 2, 2009, Thursday, 13:30-17:30

Session Chair: Dr. Young Kee Kang, Professor, Department of Chemistry, Chungbuk National University, Cheongju, Korea

13:30-13:55 **Keynote Speech: Title:** Conformational Design of Cyclic Bioactive Peptides: Restrictions via Cyclisation and N-Methylation

Dr. Horst Kessler, Professor, Center of Integrated Protein Science (CIPSM) at the Technische Universität München, Germany

13:55-14:20 **Title:** Flexible and/or Disordered Structures of Tandem Repeats in Proteins

Dr. Norio Matsushima, Professor of Division of Biophysics, Center for Medical Education, Sapporo Medical University, Japan

14:20-14:45 **Title:** Synthetic Peptides Derived from Tumor Suppressor p53 Inhibit the Excision of UV- Induced DNA Damages

Dr. Yin-Chang Liu, Director, Institute of Molecular Medicine, National Tsing-Hua University, Taiwan

14:45-15:10 **Dr. Young Kee Kang**, Professor, Department of Chemistry, Chungbuk National University; Secretary General of Korean Peptide-Protein Society, Korea

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Chemokine Peptide-mediated Migration Control of Osteoclast Precursors Visualized by in Vivo Bone Imaging: A Novel Point of Regulation for Osteoimmunology

Dr. Masaru Ishii, Associate Professor, Laboratory of Biological Imaging, Immunology Frontier Research Center (IFReC), Osaka University, Japan

15:50-16:15 **Title:** Racemization of Amyloid β Peptide Controls the Process of Its Fibril Aggregates Formation

Dr. Naoko Utsunomiya-Tate, Professor, Faculty of Pharmacy, Musashino University, Japan

16:15-16:40 **Title:** Peptide Structure and Functions and Therapeutic Designs- Drug Targets

Dr. Ernest Adeghate, Professor, Department of Anatomy, Faculty of Medicine & Health Sciences, United Arab Emirates University, United Arab Emirates

Track 5-2: Peptide Synthesis and Peptide Combinatorial Chemistry

Time: April 3, 2009, Friday, 08:30-12:00

Co-Chair: Dr. Seung Bum Park, Associate Professor, Department of Chemistry, Seoul National University, Seoul, Korea

13:30-13:55 **Dr. Chien-Chen Lai**, Associate Professor, Institute of Molecular Biology, National Chung Hsing University, Taiwan

13:55-14:20 **Title:** Current Drug Discovery Approaches Using Molecular Diversity and Chemical Biology

Dr. Seung Bum Park, Associate Professor, Department of Chemistry, Seoul National University, Seoul, Korea

14:20-14:45 **Title:** Syntheses and Evaluation of Peptide Aldehyde as An Inhibitor for SARS 3CL Protease

Dr. Hiroyuki Konno, Department of Chemistry, Kyoto Prefectural University of Medicine, Japan

14:45-15:10 **Title:** Inhibitory Effect of Oligopeptide on Cbl-b-mediated Ubiquitination and Degradation of IRS-1

Dr. Takeshi Nikawa, Department of Nutritional Physiology, Institute of Health Biosciences, The University of Tokushima Graduate School, Japan

15:10-15:25 Coffee Break

15:25-15:50 **Title:** Ribosome Display Selection of Target Binding Peptides from Artificial Peptide Library

Dr. Akira WADA, Research Scientist, Nano Medical Engineering Laboratory, Advanced Science Institute, RIKEN, JAPAN

15:50-16:15 **Title:** Profiling Specificity of Deubiquitylating Enzymes Using Peptide-and Protein-based Probes

Dr. Holger Kramer, Dr. Benedikt Kessler Group, Department of Clinical Medicine, Centre for Cellular and Molecular Physiology, University of Oxford, UK

Track 5-3: Peptide Therapeutic Designs by Peptidomimetics and Peptidomics

Time: April 3, 2009, Friday, 13:30-17:30

Co-Chair: Dr. Kyung-Soo Hahm, Director, Chosun University, South Korea

08:30-08:55 **Dr. Peter W. Schiller**, Professor of Pharmacology, Director, Laboratory of Chemical Biology, and Peptide Research, Clinical Research Institute of Montreal, Canada

08:55-09:15 **Title:** Intracellular Protein Kinase C (PKC) α -responsive Peptide-polymer Conjugates for Cancer-targeting Gene Therapy

Dr. Jeong-Hun Kang, Professor, Department of Applied Chemistry, Faculty of Engineering, Kyushu University, Japan

09:15-09:35 **Title:** Intracellular Signal-Responsive Gene Regulation System for Cancer Cell-Specific Gene Therapy by Using New Class of Peptide-Polymer Conjugate

Dr. Yoshiki Katayama, Professor, Department of Applied Chemistry, Faculty of Engineering, Kyushu University, Japan

09:35-09:55 **Title:** Topical Delivery of Peptides (Spantide II) for the Treatment of Psoriasis and Contact Dermatitis

Dr. Mandip Singh Sachdeva, Professor, Florida A&M University, College of Pharmacy, USA

09:55-10:15 **Title:** Synthetic Peptides for the Multi-drug Resistant and Bio-film Forming Bacterial Infections

Dr. Kyung-Soo Hahm, Director, Chosun University, South Korea

10:15-10:30 Coffee Break

10:30-10:55 **Dr. Wadih Arap**, The University of Texas M. D. Anderson Cancer Center, Departments of Genitourinary Medical Oncology and Cancer Biology, USA

10:55-11:20 **Title:** Endomorphins: Potent Anti-inflammatory Drugs in Arthritis

Dr. David S. Jessop, University of Bristol, UK

Track 5-4: Peptide Therapeutics Pipeline and Successful Case Studies

Time: April 4, 2009, Saturday, 8:30-12:00

Session Chair: **Dr. Shibo Jiang**, Head of Viral Immunology Laboratory, New York Blood Center, USA

13:30-13:55 **Keynote Speech: Title:** Research and Development of Biofunctional Peptides

Dr. Shann-Tzong Jiang, National Chair Professor & Vice President, Providence University, Taiwan

13:55-14:15 **Title:** Conopeptide to Drug : Structure and Activity Studies Central to the Development Of Xen2174

Dr. Andreas Brust, Research Manager Chemistry, Xenome Limited, Australia

14:15-14:35 **Title:** Combination Therapy of Peptidic HIV Fusion Inhibitors

Dr. Shibo Jiang, Head of Viral Immunology Laboratory, New York Blood Center, USA

14:35-14:55 **Title:** Behaviour of Neuropeptides in a Healthy Population: A Study on Neuropeptide EI

Dr. María Ester Celis, Laboratory of Physiological Sciences, Cátedra of Bacteriology, and Virology Faculty of Medical Sciences, University of Córdoba, Argentina

14:55-15:15 **Title:** Structural and Functional Studies of the Antimicrobial Peptide Histatin-5 and Its Analogue, TOAC O-Histatin-5, in Solution and upon Interaction with Biomimetic Systems

Dr. Shirley Schreier, Professor, Department of Biochemistry, Institute of Chemistry, University of São Paulo, Brazil

15:15-15:30 Coffee Break

15:30-15:50 **Title:** A Different View in Searching for A New Drug Target: Insulin-regulated Amino Peptidase (IRAP)

Dr. Eagle Yi-Kung Huang, Associate Professor, National Defense Medical Center, Taiwan

15:50-16:10 **Title:** Development of Novel Candidate Peptides for Antiangiogenic Applications

Dr. Berrin Erdag, Head of Immunogenetic Laboratory, TUBITAK Genetic Engineering and Biotechnology Institute, Turkey

16:10-16:30 **Title:** Biological Roles of Angiotensin II and Its Receptor Blocker in Human Prostate Cancer

Dr. Hiroji Uemura, Associate Professor, Dept. of Urology, Yokohama City Univ. Grad. Sch. of Medicine, Japan

16:30-16:50 **Title:** Suppression of Rheumatoid Inflammation and Angiogenesis by a Novel Synthetic Hexapeptide to Block the Interaction of VEGF and Its Receptors

Dr. Wan-Uk Kim, Associate Professor, Department of Internal Medicine, Division of Rheumatology, Catholic University of Korea, School of Medicine

Speech Opportunity, please contact Emily Liu,
Email: emily@bit-pepcon.com ,
fax: 0086-411-84799629

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- Protein Therapeutics
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- 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
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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.bit-pepcon.com>

Exhibit Booth Application Form

Company Name _____

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Regular rate: \$ 2,999 for Two Booths

BOOTH RENTAL INCLUDES:

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

Please indicate your top 3 booth location choices:

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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

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;
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- 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;
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- 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

Who Should Sponsor?

Sponsors should include companies from:

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- Peptide Synthesis & Manufacturing
- Contract Research Organizations
- Software Solution Providers
- Regional Development Agencies
- Instrument & Equipment Providers
- Venture Capitalists
- Consultants
- Distribution and Logistics
- Peptide/ Protein Foundation

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

If you do not see a sponsorship that suits your company's needs, please contact Emily Liu, Program Leader, at 0086-411-84799625 or e-mail emily@bit-pepcon.com to tailor your sponsorship.

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1. Corporate logo on Badge/Belt/Tote Bag;
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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:

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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;
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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:

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Seoul is the capital and largest city of South Korea. With over ten million people, Seoul is one of the world's largest cities. The Seoul National Capital Area - which includes the major port city of Incheon and satellite towns in Gyeonggi-do, has almost 23 million inhabitants and is the world's second largest metropolitan area.[1] Almost half of South Korea's population live in the Seoul National Capital Area, and nearly one quarter in Seoul itself, making it the country's chief economic, political and cultural center. As a Special City, it is administered directly by the national government.

Conference Venue: COEX Convention & Exhibition Center in Gangnam district, Seoul, is one of South Korea's largest convention and exhibition centers. It was designed by Larry Oltmanns who was a Design Partner with SOM at the time.

Situated on the grounds of the Korean World Trade Center complex, the site features the convention and exhibition centers, the COEX shopping mall, two luxury hotels, a multiplex cinema, the COEX Aquarium and the Seven Luck Casino. Up to 200,000 people visit the complex to work and shop every day. COEX is served by Samseong Station on line 2 of the Seoul Subway.



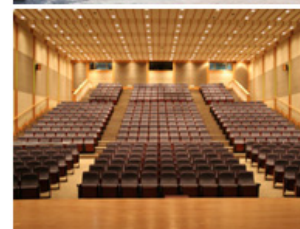
How to get to COEX?

Incheon International Airport <http://www.iac.co.kr/eng/airport>

Taxi: If you take a taxi from the airport, we suggest that you take one from a designated taxi stand, and ask for a receipt. Luxury taxis are black in color and are higher-priced than the grey-color general taxis. Estimated charges for a taxi from Incheon to COEX are approximately 50,000 won for a general taxi and 90,000 won for a luxury taxi. The passenger will also be required to pay the road toll fee of approximately 7,000 won.

Shuttle Bus: Most visitors choose to take an airport shuttle bus instead of a taxi. We recommend either the KAL Limousine Bus or

the Korea City Air Terminal Limousine Bus. Both buses cost 13,000 won, and it usually takes about an hour, depending on traffic conditions. The red KCAT Limousine Bus will bring you to the City Air Terminal at the COEX Center. The blue KAL Limousine Bus goes directly to many 4 and 5-star hotels throughout the city. Note that both the COEX InterContinental and Grand InterContinental Hotels are located here at COEX. You can take these buses from the arrivals section at Incheon Airport. Employees at information desks will be happy to direct you to the appropriate departure area.



KCAT Limousine Bus



KAL Limousine Bus

About PepCon: The Dedicated Event for Protein/Peptide Professionals is marching into updating current frontier and advances in Protein/Peptide Sciences and Technology along with good business potentials. We will invite both Academic and Industrial leaders from around the world to discuss the latest research and developments and breakthroughs in understanding the essence of life and its functions to enhanced applications in Bio-Economic Era. PepCon's philosophy is to "Let Professionals Help Professionals". PepCon is your stage to publish your visualized achievements annually and share your excitement, passion, creativity and innovation by networking with our colleagues in protein and peptide society.

PepCon 2009: Will be the first time off-shore conference of BIT Life Sciences. We will keep good tracking of the program in the previous year, and extend to new fields what experts and colleagues expected. We offer 240 Presentations, extensive business development opportunities, technology and product exhibition and poster sessions, You can propose your own topics in which you think those will reflect the best interests of protein and peptide communities. The second annual is calling for bring more development experts and executives to add up to our scientific program which cover both upstream and downstream R & D dvances. PepCon once again offers a brain storm for motivated experts to lead the wave of modern protein and peptide sciences, technology and smart business.



More than 500 people participated opening ceremony and other program of PepCon 2008



Dionex Corporation as the representative of more than 20 world famous companies attended the exhibition

Contact Us:

Organizing Committee of PepCon-2009

Address: 26 Gaoneng St., F4, Dalian Hightech Zone,

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Tel: 0086-411-84799625 Fax: 0086-411-84799629

Email: emily@bit-pepcon.com

Website at: <http://www.bit-pepcon.com>



A Part of Speakers in PepCon 2008

April and May are notably the best months to travel in Korea. As the cold breeze of March dissipates, the streets and tourist attractions once again begin to bustle with people as the welcomingly warm winds of spring sail in.



Seoul City Tour

Seoul, Korea's capital city, is a tourist destination replete with a host of activities to enjoy, ranging from traditional royal palaces to shopping districts boasting the latest fashion trends.



Caribbean Bay

Caribbean Bay is Korea's largest water park with a wave pool, slides, and other water facilities, attracting many young people.



Anseong Namsadang Nori

Every Saturday from April to October, the area around Namsadang Training Center becomes a venue for fun and festive traditional performances. The program features ten different performances, including the graceful and dazzling tightrope walk seen in the movie *The King and the Clown*.



Suwon Hwaseong Fortress

Suwon's Hwaseong Fortress was registered as a UNESCO World Culture Heritage in December of 1997 along with Changdeokgung Palace. Starting at the end of March, Hwaseong Fortress prepares performances for the spring that were temporarily at a halt during winter.



Asan

The city of Asan is home to Onyang Hot Springs, Korea's oldest and most famous hot springs. As such, it has long been one of the most popular tourist destinations.



Apgujeong Area

If you want to see what's in vogue in Korea, then you must venture to the area of Apgujeong, located in the neighborhood across from Galleria Department Store. The streets of Apgujeong are filled with stores featuring the latest trends, and is known as 'the place to be' for young Koreans.



Korean Food

To experience Korean food is to experience both Korean taste and culture. Known for its distinctively diverse flavor, wonderful appearance, and excellent nutritional value, Korean food is loved by people the world over.



Shopping in Korea

From traditional local shops to late night markets, Korea offers a variety of shopping destinations all equipped with an endless selection of items to buy.



Taekwondo

Besides the use for self-defense, taekwondo has also become very popular as a sport.



Korea House

The Korea House is a place where international visitors to Korea can taste traditional Korean food, get hands-on cultural experiences, and attend engaging Korean folk performances.



Gwangju Kimchi Festival

A festival of kimchi, the quintessential Korean food, is held in Gwangju, a region known for numerous delicacies.

What do you think are the most loved traditional cultural events in Seoul? Americans and Europeans have chosen 'The Best' traditional cultural events from their own personal experiences.



■ 1st choice: The Celebration of Buddha's Coming with a Lotus Lantern Festival



■ 2nd choice: The Royal Guard Changing Ceremony at the king's palaces



■ 3rd choice: Wedding ceremony reenactment of Joseon's imperial family



■ 4th choice: Namsangol Hanok Village performance



■ 5th choice: Seoul Oriental Medicine Fair