BIT's 3rd Annual

World Congress of Gene-2009

Theme: March into New Era of Bio-Economy

Time: December 1-7, 2009 ***Place: Foshan, China***

Enjoy Your New Cluster Conferences for Gene R & D and Commercialization

Highlights of WCG-2009

- 800+ Targeted Audiences
- 500 Scientific/Tech and Business/Economics/Policy Presentations
- 300+ Scientific Posters Presenting Exciting Research Achievements
- 100+ Exhibition Booths/Projects Showcasing New Gene Products/Gene Technologies for Development and Collaborations
- 18 Remarkable Tracks Highlight the Most Focused Areas
- Tailored Dynamic Round Table Network for Business and Market Development as Requested
- Exciting Tech Tour to Top One Beautiful Natural Wonders---Guilin

Hosting Organization
China Medicinal Biotech Association
People's Government of Foshan, China

Operating Organization
People' s Government of Sanshui District, China
Science & Technology Bureau of Foshan City, China
Dalian BIT Life Sciences, Inc., China

Supporting Organization
Science & Technology Bureau of Foshan Sanshui District, China
The Administrative Committee of Sanshui Industrial Park, Foshan, Guangdong
Publicity Department of CPC of Foshan Sanshui District, China
Gendustry Institute of South Medical University, China
South China Biochip Research Center, China

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Tentative

Part One: Commemoratory Symposium:

Forum 1: Life Spring Forum:

-Gene and Gerontology: Aging, Diseases and Longetivity

Part Two: Social, Regulatory and Strategic Planning Forum

Forum 2-1: Forum of Bio-economy and International Biotech Plans:
-Social, Economy, Ethic, Policy and Public Acceptance
Forum 2-2: Forum of Biotechnology in Public Safety and Healthcare
Forum 2-3: Biodiversity and Bio-resources Development and Preservation
Forum 2-4: Translational Medicine and Biopharmaceutical R & D
Forum 2-5: Forum of Biotechnology Infrastructure
-Industry Clusters-Bio-park and Bio Industrial Basis

Part Three: Frontier of Emerging Biotechnologies

Track 1: Genomics
Track 1-1: Next Generation of Genomics
Track 1-2: Genes, Chromosomes and Diseases
Track 1-3: Genomics Tools for Biological Discovery to Clinical Utility
Track 1-4: Pharmacogenomics and Personalized Medicine
Track 1-5: Chemical Genomics, Synthetic Biology and Molecular Medicine
Track 2: Proteomics
Track 2-1: New Proteomic Technologies
Track 2-2: Protein Structure, Function and Sequence Analysis
Track 2-3: Proteomics and Cancer Biomarker Discovery
Track 2-4: Proteomics and Infectious Diseases
Track 2-5: Proteomics and Drug Discovery
Track 2-6: Applied Clinical Proteomics
Track2-7: Human Liver Proteome and Diseases
Track2-8: Human Brain Proteomics and Neurodiseases
Track2-9: Antibody Array for Proteomics
Track 2-10: Proteomics in Stem Cell R & D

Track 3: Bioinformatics

Track 3-1: Bioinformatics Applied for Functional Protein and Gene Analysis
Track 3-2: Bioinformatics and Computational Structure Biology
Track3-3: Bioinformatics in Analysis of Gene Expression and Microarrays
Track3-4: Bioinformatics for Predictive Disease Modeling
Track 3-5: Bioinformatics in Biomedical Engineering

Track 4: Biochips

Track 4-1: Technology Breakthrough in Biochips
Track 4-2: Biochips in Gene Expression
Track 4-3: Tissue Chips in Disease Modeling and Drug Discovery
Track 4-4: Microarray and Cancer Gene Profiling
Track 4-5: MEMS and Lab-On-Chip for Chemistry, Biology and Drug Discovery
Track 4-6: Lab-On-Chips for Clinical Diagnostics Development

Track 5: Small RNAs

Track 5-1: RNAi Applications and Function Screening
Track 5-2: RNAi, mRNA, siRNA Technologies: From Drug Target Discovery to Validation
Track 5-3: ncRNA and mRNA and Diseases
Track 5-4: miRNAs in inflammation and Cancers
Track 5-5: Delivery Technologies for Small RNAs
Track 5-6: RNAi, mRNA and siRNA Therapeutics Development

Track 6: Molecular Biomarkers

Track 6-1: Biomarker Technology R & D and Business Opportunities
Track 6-2: Biomarkers and Drug Safety Assessment
Track 6-3: Biomarkers in Clinical Studies
Track 6-4: Biomarkers in Molecular Diagnostics
Track 6-5: Biomarkers for Alzheimer's disease
Track 6-6: Biomarkers and Translational Medical Research

Track 7: Tissue Engineering

Track 7-1: Scaffolding Materials and Bioreactor System in Tissue Engineering
Track 7-2: Biomaterial-based Tissue Regeneration
Track 7-3: Nanotech, Imaging/Tracking Technologies in Regenerative Medicine
Track 7-4: Angiogenesis and Growth Factor in Tissue Engineering
Track 7-5: Gene Delivery for Tissue Regeneration
Track 7-6: Nervous System and Hippocampal Neurogenesis Regeneration
Track 7-7: Cardiac and Vascular Tissue Engineering
Track 7-8: Skin, Cartilage, Bone Tissue Engineering
Track 7-9: Tendon and Muscle Tissue Engineering
Track 7-10: Dental, Oral and Craniofacial Tissue Engineering

Part Four: Bioanalysis and Biomedicine

Track 8: Bioanalysis

Track 8-1: Bioanalysis in Food Safty and Agricultural Products
Track 8-2: Microscale Bioseparation Methods and Devices
Track 8-3: Advances of LC-MS in Quantative Biomedical Analysis
Track 8-4: Microfluidic Devices and Microchip Electrophoresis in Bioanalysis
Track 8-5: New Generation PCR Devices
Track 8-6: Cell Base Bioanalytical Devices
Track 8-7: Novel Bioanalytical Sensors
Track 8-8: Single Cell and Subcellular Analysis
Track 8-9: Bio- and Chemical-warfare Agent Detection
Track 8-10: New Techniques for the Study of Protein-Protein & Protein-Ligand Interactions

Track 9: Biomedical Analysis

Track 9-1: GLP Bioanalysis in Clinical studies
Track 9-2: Novel Bioanalytical Tools for Drug Metabolism
Track 9-3: Chiral Analysis of Optical Active Drugs
Track 9-4: High Sensitive Analytical Techniques of Biotherapeutics
Track 9-5: Immunoassay and other Bioanalytical Techniques
Track 9-6: Biomedical Analysis of Clinical and Molecular Diagnostics
Track 9-7: Bioanalytical Medical Devices and Imaging
Track 9-8: Bioanalysis in Forensics and Toxicology
Track 9-9: Biomedical Analysis in Infectious Diseases Screening
Track 9-10: Biomedical Analysis in Blood Screening

Track 10: Nanomedicine

Track 10-1: Frontier of Nanobiotechnologies
Track 10-2: Biocompatible Biomaterials in Biomedicine
Track 10-3: Nanoparticles for Diagnostics and Manufacturing
Track 10-4: Nanparticle Drug Delivery Systems
Track 10-5: Tissue Engineering Nanotech and Applications in Medicine

Part Five: Biopharmaceutical Discovery

Track 11: Biotherapeutics Discovery Technology

Track 11-1: Validation of Novel Drug Targets, Biomarkers and Pathways
Track 11-2: High Throughput/Content Screening
Track 11-3 Computer-Aided Drug Design

Track 11-4: Structural Biology and Drug Discovery
Track 11-5: Bioprocessing Technologies of Proteins, Antibodies and Vaccines
Track 11-6: Gene Therapy
Track 11-7: Cell Therapy
Track 11-8: Monoclonal Antibody Therapeutics
Track 11-9: Cytokine Therapy
Track 11-10: DNA Vaccines
Track 11-11: Oligonucleotide Therapeutics
Track 11-12: RNAi , mRNA, siRNA and Therapy
Track 11-13: Immunotherapeutics
Track 11-14: Angiogeneisis and Biopharmaceutics
Track 11-15: Protein Therapeutics R & D
Track 12: Advances of Emerging New Biotherapeutics
Track 12-1: Anti-infective Biotherapeutics
Track 12-2: Anti-Diabetes Biotherapeutics
Track 12-3: Anti-Neurodegenerative Biotherapeutics
Track 12-4: Anti-inflammation Biotherapeutics
Track 12-5: Cardiovascular Biotherapeutics
Track 12-6: Cancer Tumor Biomarkers, Pathways and Targeting
Track 12-7: Anticancer Antibodies and Immunotherapies
Track 12-8: Cancer/Tumor Vaccines
Track 12-9: AIDS Vaccines
Track 12-10: TB, Malaria and Emerging Disease Vaccines

Part Six: Industrial Biotechnologies

Track 13: Agriculture and Veterinary Biotech
Track 13-1: The Role of Ag-biotech Innovation for National and International Sustainable Growth
Track 13-2: Transgenic Animals and Plants
Track 13-3: Enhancing Productivity of Biofeed stocks
Track 13-4: Plant Genetic Engineering
Track 13-5: Functional Foods and Bioactives
Track 13-6: Biomolecules as Pest Control Agents and Herbicides
Track 13-7: Veterinary Biomedicine and Animal Vaccines
Track 14: Marine and Aquaculture Biotech
Track 14-1: Discovery of Productive Marine Organisms
Track 14-2: Functional Biomaterials from Marine Biotechnology
Track 14-3: Nature Drugs from Marine Biotechnology
Track 14-4: Extremophiles and Their Implications
Track 14-5: Application of Marine Products in Agriculture and Food Industry
Track 14-6: Marine Biotech Products in Mining and Industrial Processing
Track 14-7: Marine Biotech in Environmental Remediation and Pollution Control

Track 15: Environment Biotechnology
Track 15-1: Biotech in Detection of Environment Pollution
Track 15-2: Microbial Blends and Remediation Nutrients
Track 15-3: Robust Enzymes for Bioremediation
Track 15-4: Efficient Biotech in Municipal and Industrial Waste Treatment
Track 15-5: In Situ and Ex-situ Bioremediation and Bio-augmentation
Track 15-6: Bioreactor and Bio-membrane/Film for Environment Protection
Track 16: Biomaterials
Track 16-1: New Synthetic Polymer Biomaterials
Track 16-2: New Natural Biopolymers by Fermentation
Track 16-3: New Biodegradable Polymers
Track 16-4: New Metallic Biomaterials
Track 16-5: New Ceramics and Glass Biomaterials
Track 17: Petroleum Biotechnology
Track 17-1: Biotech in Produced/Injection Water Management
Track 17-2: Nitrate Injection for Biological Mitigation of Reservoir Souring
Track 17-3: Microbial Enhanced Oil Recovery Mechanisms
Track 17-4: Green Biocides for Microbial Influenced Corrosion in Oilfields
Track 17-5: Biosurfactants for Improved Oil Recovery on Oil and Gas Fields

Part Seven: Business Development and Successful Case Studies

Track 18: Bio-VC and Business Development
Track 18-1: What is Bio-Venture Capital Investment in China
Track 18-2: Who are the Key VC Players in Chinese Biotech
Track 18-3: Bio-VC in Cancer Biotherapeutics
Track 18-4: Bio-VC in Monoclonal Antibodies
Track 18-5: Investment on Biopharmaceutical Outsourcing
Track 18-6: VC on Bioanalytical and Medical Devices

Part Eight: Exposition and Poster Sessions