

Program

Time: September 20-22, 2019

Venue: Qingdao International Conference Center (QICC), Qingdao, China

Registration	
<i>Time: 08:30-18:00, September 19-21, 2019 (Thursday - Saturday); Place: Lobby, 2nd Floor, QICC, China</i>	

Opening Ceremony	
<i>Time: 09:00-09:30, September 20, 2019 (Friday); Place: QiLu Hall, 2nd Floor, QICC, China</i>	

Nobel Laureate Forum & Plenary Forum	
<i>Time: 09:30-11:15, September 20, 2019 (Friday); Place: QiLu Hall, 2nd Floor, QICC, China</i>	
Moderator	<i>Mr. Allen Qu</i> , Founder and CEO, Netconcepts, China
09:30-09:35	Moderator's Introduction
09:35-10:00	<i>Title: Invention of High Efficient Blue LEDs and Future Solid State Lighting</i> <i>Dr. Shuji Nakamura</i> , Professor, University of California Santa Barbara, USA <i>2014 Nobel Laureate in Physics</i>
10:00-10:25	<i>Title: Can 154 Years of Disruptive Innovation in Wireless Communications be Continued into Fifth Generation 5G and Beyond Part I</i> <i>Dr. Norman C. Beaulieu</i> , Especially Recruited (Ministerial) Thousand Talent Plan Research Professor, Beijing University of Posts and Telecommunications, China
10:25-10:50	<i>Title: The Sentimental Investor and AI</i> <i>Mr. Daryl Guppy</i> , CEO, Algobot Trading Pte Ltd., National Board Member, Australia China Business Council, Australia
10:50-11:15	Qingdao Local Expert

High-end Dialogue	
<i>Time: 11:20-12:00, September 20, 2019 (Friday); Place: QiLu Hall, 2nd Floor, QICC, China</i>	
Moderator	<i>Dr. Lihui Tian</i> , Professor, Nankai University, China
Guests	<i>Dr. Shuji Nakamura</i> , Professor, University of California Santa Barbara, USA <i>2014 Nobel Laureate in Physics</i>
	<i>Dr. Norman C. Beaulieu</i> , Especially Recruited (Ministerial) Thousand Talent Plan Research Professor, Beijing University of Posts and Telecommunications, China
	<i>Mr. Daryl Guppy</i> , CEO, Algobot Trading Pte Ltd., National Board Member, Australia China Business Council, Australia
	<i>Mr. Rainer Wessler</i> , Head of Digital Experience Greater China, Gensler, Germany

World Academician Forum & Industrial Leadership Forum	
<i>Time: 08:30-09:15, September 21, 2019 (Saturday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	<i>Mr. Stephen Mellor</i> , CTO, Industrial Internet Consortium, USA
08:30-08:35	Chair's Introduction
08:35-09:00	<i>Title: Can 154 Years of Disruptive Innovation in Wireless Communications be Continued into Fifth Generation 5G and Beyond Part II</i> <i>Dr. Norman C. Beaulieu</i> , Especially Recruited (Ministerial) Thousand Talent Plan Research Professor, Beijing University of Posts and Telecommunications, China
09:00-09:25	<i>Title: A Security Maturity Model</i>

	Mr. Stephen Mellor , CTO, Industrial Internet Consortium, USA
09:25-09:50	Title: The New Winning Strategy for Today's China Online Marketing and E-Commerce World or Something Similar Mr. Allen Qu , CEO, Netconcepts, China
09:50-09:15	Title: Perspectives in Artificial Intelligence: Cross-fertilization of Approaches and Challenges Towards the Intelligent Machine Dr. Yves Demazeau , Director of Research, Centre National de la Recherche Scientifique, France

New Energy	
<i>Time: 13:30-14:35, September 20, 2019 (Friday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Dr. Ulrich Stimming , Professor, Newcastle University, UK
Co-Chair	Dr. Fang Yi , Professor, Sun Yat-Sen University, China
13:30-13:35	Chair's Introduction
13:35-13:55	Title: Data Science and Machine Learning in the Energy Industry Mr. Theodoor Pieter Borst , Director of Product Management, DNV GL Digital Solutions, Netherlands
13:55-14:15	Title: Energy Storage, a Crucial Tool to Manage Renewable Energies Dr. Ulrich Stimming , Professor, Newcastle University, UK
14:15-14:35	Title: Powering Personal Electronics by Harvesting Biomechanical Energy Dr. Fang Yi , Professor, Sun Yat-Sen University, China

IT/ICT & Smart Manufacturing	
<i>Time: 14:40-17:25, September 20, 2019 (Friday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Dr. Denise Tsang , Lecturer, Henley Business School, UK
14:40-14:45	Chair's Introduction
14:45-15:05	Title: Innovations, Finance and China's New Age Reform Dr. Lihui 'George' Tian , IFD Chair Professor of Finance, Nankai University, China
15:05-15:25	Title: Smart Materials and Future Industrial Wireless Sensor Network: Are We Really Taking Advantage on These Technological Improvements? Mr. Richard J. R. McCullough , Managing Director, ITIBCN, Germany
15:25-15:45	Title: AI in Manufacturing – A Management Perspective Mr. Anthony E. Gascoigne , Managing Director, GNS Associates Pty Ltd., Australia
15:45-16:05	Title: Robots and Mobile Devices for the Emotional Health of the Elderly Dr. Pradeep Kumar Ray , Shanghai 1000-talent Distinguished Professor, University of Michigan-Shanghai Jiao Tong University Joint Institute, China
16:05-16:25	Title: A Blockchain Smartphone's Secret Sauce(Security) Mr. Karl J Weaver , OEM Business Development Director—Asia-Pacific, Rivetz Corp, USA
16:25-16:45	Title: Does Fortune Favour the Bold and Disruptive Huawei? Dr. Denise Tsang , Lecturer, Henley Business School, UK
16:45-17:05	Title: ICT and Innovation: Visualization for Governance Using Modern Game Engine (MGE) Dr. Hock Chuan Lim , Assistant Professor, University of Wollongong in Dubai, UAE
17:05-17:25	Title: Targeted Convergence of Mass Services Towards the Achievement of Sustainable Development Goals Dr. Viliam Sarian , Professor, Federal State Unitary Enterprise Radio Research and Development Institute (FSUE NIIR), Russia

Innovative Finance & Corporate Globalization	
<i>Time: 09:30-11:10, September 21, 2019 (Saturday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Mr. Shivaji Das , Managing Director - APAC and Partner, Frost & Sullivan, Singapore
09:30-09:35	Chair's Introduction
09:35-09:55	<i>Title: Reviving Silk Road Cross Border Transactions (Innovative Finance & Corporate Globalization)</i> Mr. Daryl Guppy , CEO, Algobot Trading Pte Ltd., National board member, Australia China Business Council, Australia
09:55-10:15	<i>Title: Globalisation and Technology – Supercharging Trade Facilitation in the Asia Pacific?</i> Mr. Bryan Tan , Partner, Pinsent Masons MPillay, Singapore
10:15-10:30	Coffee Break
10:30-10:50	<i>Title: Disruptive Innovation and The Government of the Future</i> Mr. Shivaji Das , Managing Director - APAC and Partner, Frost & Sullivan, Singapore
10:50-11:10	<i>Title: Lessons from Uber's Exit from China</i> Dr. Felix Arndt , Professor, Leicester Castle Business School, UK

Artificial Intelligence & Blockchain	
<i>Time: 13:30-15:15, September 21, 2019 (Saturday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Dr. Xunwei Zhou , Professor Emeritus, Beijing Union University, China
13:30-13:35	Chair's Introduction
13:35-13:55	<i>Title: An Analytics and Artificial Intelligence Framework for Industrial Systems</i> Mr. Stephen Mellor , CTO, Industrial Internet Consortium, USA
13:55-14:15	<i>Title: An Overview of Standardization Efforts of a Blockchain Based OSS-BSS Platform</i> Mr. Shahar Steiff , Director, PCCW Global, Hong Kong, China
14:15-14:35	<i>Title: Membership Grade Mining of Mutually Inverse Fuzzy Implication Propositions</i> Dr. Xunwei Zhou , Professor Emeritus, Beijing Union University, China
14:35-14:55	<i>Title: Customer Management and Artificial Intelligence: Some Research Exploration</i> Dr. Jiayin Qi , Professor, Shanghai University of International Business and Economics, China
14:55-15:15	<i>Title: Challenges of Artificial Intelligence in Forensic Domain</i> Dr. Yasser Morgan , Associate Professor, University of Regina, Canada

Smart Transportation & Autonomous Systems	
<i>Time: 13:30-15:35, September 21, 2019 (Saturday); Place: Room 112A, 1st Floor, QICC, China</i>	
Chair	Dr. Ir. Dean Vučinić , Professor, Vesalius College (VeCo), Vrije Universiteit Brussel (VUB), Belgium
13:30-13:35	Chair's Introduction
13:35-13:55	<i>Title: A Monkey's Brain in the Rolling Robot: Human and Autonomus Driving</i> Dr. Ing. Peter Roessger , Founder & CEO, Beyond HMI/////, Germany

13:55-14:15	Title: <i>Prague Public Transport System: Smart and Modern Despite a Long History?</i> Mr. Ing. Jiri Dosly , Head of International Affairs, Prague Public Transit Co., Inc., Czech Republic
14:15-14:35	Title: <i>Building Practical Multi-Agent Systems along the VOWELS paradigm</i> Dr. Yves Demazeau , Director of Research, Centre National de la Recherche Scientifique, France
14:35-14:55	Title: <i>The Port of Zeebrugge. The OBOR Strategy Combined with a Transparent Data Sharing</i> Mr. Vincent de Saedeleer , Hon. Vice President, Port of Zeebrugge, Belgium
14:55-15:15	Title: <i>Multibody Advanced Airship for Transport (MAAT) - New Concept in Green Energy and Transport Solutions</i> Dr. Ir. Dean Vučinić , Professor, Vesalius College (VeCo), Vrije Universiteit Brussel (VUB), Belgium
15:15-15:35	Title: <i>Effective Adaptation of an Organization as a Complex Adaptive System to a Disruptive Technology Environment</i> Dr. Alon Hagsall , Senior Lecturer, The Center for Academic Studies, Or Yehuda, Israel

Smart City	
<i>Time: 15:40-17:25, September 21, 2019 (Saturday); Place: Room 112A, 1st Floor, QICC, China</i>	
Chair	Dr. Mark Burry , Professor, Swinburne University of Technology, Australia
15:40-15:45	Chair's Introduction
15:45-16:05	Title: <i>Re-Thinking Our Urban Future</i> Mr. Rainer Wessler , Head of Digital Experience Greater China, Gensler, China
16:05-16:25	Title: <i>Smart Sharing City, Its Impact and Implication</i> Mr. In Dong Cho , Deputy Mayor for Economic Policy, Seoul Metropolitan Government, South Korea
16:25-16:45	Title: <i>Innovative Anti-Heat Stress Technology to Enhance the Health And Safety of Construction Workers</i> Dr. Albert P.C. Chan , Chair Professor in Constructon Engineering and Management, Department of Building and Real Estate, The Hong Kong Polytechnic University, Hong Kong, China
16:45-17:05	Title: <i>Tangible Versus Intangible Materiality: Interpreting Gaudi and the Colliding Forces of Traditional and Innovative Construction</i> Dr. Mark Burry , Professor, Swinburne University of Technology, Australia
17:05-17:25	Title: <i>Waste Sorting, Italian Case Studies: Pay as you Throw and Divergent Rate. How to use a Usage-pricing Model for Disposing of Municipal Solid Waste to Change the Habits of Town' Citizens, Increase the Recycling Percentage and Decrease the Total Waste Production.</i> Mr. Stefano Ambrosini , CEO, Waste Management Specialist s.r.l., Italy

Educational Innovation & Smart Classroom	
<i>Time: 08:30-09:55, September 22, 2019 (Sunday); Place: Room 112A, 1st Floor, QICC, China</i>	

Chair	Dr. George Teodorescu , Professor, Institute for Integral Innovation, Germany
08:30-08:35	Chair's Introduction
08:35-08:55	Title: <i>Kenotomy©, Understanding the Disruptive Thinking</i> Dr. Gheorghe Teodorescu , Professor, International Institute for Integral Innovation, Italy
08:55-09:15	Title: <i>Game Design and Education. How Playful Design Can Encourage Learning Processes</i> Dr. Markus Wiemker , Professor, Chair of Game Design, media Akademie - Hochschule Stuttgart (mAHS), University of Applied Sciences, Germany
09:15-09:35	Title: <i>Language Skills and Knowledge Dissemination in the 21st Century: the Case of Eswatini</i> Dr. Karen Ferreira-Meyers , Senior Lecturer and Coordinator Linguistics and Modern Languages, Institute of Distance Education, University of Eswatini, Eswatini
09:35-09:55	Title: <i>How Internal Market Orientation Affects Employee Innovative Behaviour in Chinese Higher Education Sectors</i> Ms. Xini Hu , Canterbury Christ Church University, UK

Smart Commerce & Smart Sensors	
<i>Time: 08:30-10:15, September 22, 2019 (Sunday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Dr. Jibrán Khaliq , Senior Lecturer, Northumbria University at Newcastle, UK
08:30-08:35	Chair's Introduction
08:35-08:55	Title: <i>Digital Heart Numerical Modelling and Simulations for Patient-Specific Medical Treatment</i> Dr. Ir. Dean Vučinić , Professor, Vesalius College (VeCo), Vrije Universiteit Brussel (VUB), Belgium
08:55-09:15	Title: <i>The New Winning Strategy for Today's China Online Marketing and E-Commerce World</i> Mr. Allen Qu , CEO, Netconcepts, China
09:15-09:35	Title: <i>Managing Revenue Assurance in Ecommerce</i> Dr. Menachem Domb , Professor, Ashkelon Academic College(AAC), Israel
09:35-09:55	Title: <i>Advanced Functional Materials for Sensing and Actuation Applications</i> Dr. Jibrán Khaliq , Senior Lecturer, Northumbria University, UK
09:55-10:15	Title: <i>Dye-Functionlized Nanoparticles for Cancer Theranostics</i> Dr. Wen Sun , Associate Professor, Dalian University of Technology, China

Economic Sustainability	
<i>Time: 10:30-11:55, September 22, 2019 (Sunday); Place: Room 115B, 1st Floor, QICC, China</i>	
Chair	Dr. Markus Erbach , Founder, PRIM Pragmatic Identity Matching, Germany
10:30-10:35	Chair's Introduction
10:35-10:55	Title: <i>Universal Design and Global Wayfinding Guidelines and Applications that</i>

	<p><i>Support Accessibility for Everyone: A Path to Sustained Growth in the Global Economy</i></p> <p>Ms. Sally Ann Swanson, CEO, Sally Swanson Architects, Inc., USA</p>
10:55-11:15	<p>Title: <i>Smart Grids in the European Union: A New Form of Decentralized Energy</i></p> <p>Dr. Rafael Leal-Arcas, Professor, Queen Mary University of London, UK</p>
11:15-11:35	<p>Title: <i>Managing Economic Sustainability of the Belt and Road Initiative (BRI) by Applying Pragmatic Identity Matching (PrIM)</i></p> <p>Dr. Markus Erbach, Consultant, Researcher, Founder of PrIM, Prim Consulting Berlin, Germany</p>
11:35-11:55	<p>Title: <i>Internationalisation of Education and Economic Sustainability: Bonding between Australia and China</i></p> <p>Dr. Mamta B Chowdhury, Senior Lecturer, Western Sydney University, Australia</p>

Life Technology Innovation Forum	
<i>Time: 13:40-16:45, September 20, 2019 (Friday); Place: Room 101, 1st Floor, QICC</i>	
Moderator	Dr. Yufeng Zhou , Professor, Fudan University, China
14:10-14:15	Moderator's Introduction
14:15-14:45	<p>Title: <i>Redox Properties of Molecules M Correlated with Their Biological Efficacy as Protectors Against Carcinogenesis and Inflammation</i></p> <p>Dr. Rene Victor Bensasson, Emeritus Director, National Center for Scientific Research, France</p> <p>Member of the Academia Europaea</p>
14:45-15:15	<p>Title: <i>Viral vectors for gene therapy and CAR T Cell Technology</i></p> <p>Dr. Rolf G. Werner, Senior Vice President, Boehringer Ingelheim, Germany</p>
15:15-15:45	<p>Title: <i>Comparative Genomics Reveals The Genetic Divergence of Host Adaptation in Flexible Genomic Regions in Verticillium Dahliae and Evidence of Horizontal Gene Transfer from Fusarium</i></p> <p>Dr. Xiao-Feng Dai, Director, Laboratory of Crop Verticillium Wilt, Institute of Food Science and Technology, Chinese Academy of Agricultural Science, Beijing, China</p>
15:45 -16:15	<p>Title: <i>Natural Products 2.0: Making Nature's Diversity Accessible to Modern Drug Discovery</i></p> <p>Dr. Tim Schuhmann, Investigator III, Novartis Pharma AG, Switzerland</p>
16:15-16:45	<p>Title: <i>Challenges and Opportunities for "Natural" and "Clean Label" Food Ingredient</i></p> <p>Mr. Dirk Cremer, Senior Manager Regulatory Affairs, DSM Nutritional Products, Switzerland</p>

Innovation in Life Technology Case 1: Latest Research of DNA, RNA, Gene	
<i>Time: 08:30-12:10, September 21, 2019 (Saturday); Place: Room 209, 2nd Floor, QICC</i>	
Chair	Dr. Suraiya Rasheed , Professor, University of Southern California, USA
Co-Chair	Dr. Yufeng Zhou , Professor, Fudan University, China
08:30-08:35	Chair's Introduction
08:35-09:00	<p>Title: <i>MicroRNA-210 and Neonatal Hypoxic-Ischemic Brain Injury</i></p> <p>Dr. Lubo Zhang, Professor, Loma Linda University, USA</p>
09:00-09:25	<p>Title: <i>Regulation of Macrophage Activation and Inflammation by Long Noncoding RNA</i></p> <p>Dr. Yufeng Zhou, Professor, Fudan University, China</p>

09:25-09:50	Title: <i>Small Non-Coding Transfer RNA-Derived RNA Fragments (Trfs) and Their Role in Heavy Metal-Induced Stress</i> Dr. Xiaoyong Bao , Associate Professor, University of Texas Medical Branch, USA
09:50-10:15	Title: <i>Non-Coding Rnas Control the Blood Intake, Blood Digestion and Oviposition of Mosquitoes</i> Dr. Shipping Liu , Professor, Southwest University, China
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Identification of Human MicroRNA-Like Sequences Embedded within the Protein-Encoding Genes of the Human Immunodeficiency Virus</i> Dr. Suraiya Rasheed , Professor, University of Southern California, USA
10:55-11:20	Title: <i>Identifying and Exploiting Gene-Pathway Interactions from RNA-Seq Data for Binary Phenotype</i> Dr. Fang Shao , Assistant Professor, Nanjing Medical University, China
11:20-11:45	Title: <i>Expression Regulation Study of a Novel Promoter Mutation in HLA-E Gene by Construction of Luciferase Reporter Gene and Stably Expressed Cell Lines</i> Dr. Wenxu Hong , Duputy Director, Shenzhen Blood Center, China
11:45-12:10	Title: <i>Screening of Egyptian Obese Children and Adolescents for Insertion/Deletion (I/D) Polymorphism in Angiotensin- Converting Enzyme Gene</i> Dr. Zeinab Anwar El-Kabbany , Professor, Ain Shams University, Egypt

Innovation in Life Technology Case 2: The Mechanism of Carcinogenesis, Cancer/Tumor Biomarkers, and Target	
<i>Time: 08:30-12:10, September 21, 2019 (Saturday); Place: Room 206, 2nd Floor, QICC</i>	
Chair	Dr. Luzhe Sun , Professor and Dielmann Endowed Chair, University of Texas Health Science, USA
Co-Chair	
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>The Significance of FCN3 Down-Regulation in Hepatocellular Carcinoma</i> Dr. Luzhe Sun , Professor and Dielmann Endowed Chair, University of Texas Health Science, USA
09:00-09:25	Title: <i>Alpha5-Nachr Mediates Nicotine Signaling Contributions to Lung Cancers</i> Dr. Xiaoli Ma , Vice-Head of the Central Laboratory, Jinan Central Hospital Affiliate Shandong University, China
09:25-09:50	Title: <i>FcγR Interaction is not Required for Effective Anti-PD-L1 Immunotherapy but can Add Additional Benefit Depending on the Tumor Model</i> Dr. J. Sjef Verbeek , Visiting Professor, Tooin University of Yokohama, Japan
09:50-10:15	Title: <i>Aberrant JMJD3 Expression Upregulates Slug to Promote Migration, Invasion, and Stem Cell-Like Behaviors in Hepatocellular Carcinoma</i> Dr. Bo Tang , Director, The First Affiliated Hospital of GuangXi Medical University, China
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Recruitment and Retention of Human CCR6+Regulatory T Cells with Superior Suppressive Activity in Oral Cancer</i> Dr. Jean-San Chia , Professor, National Taiwan University, China

10:55-11:20	Title: <i>Targeting The Nuclear Export Protein, XPO1: A Novel Pan-Cancer Therapeutic Strategy</i> Dr. Bing Hou , Director of Discovery & Early Development, Antengene Corporation Limited, China
11:20-11:45	Title: <i>Genetic Variability and Oncogenic Risk Association of Human Papillomavirus Type 58 E6 and E7 Genes in Taizhou Area, China</i> Dr. Huihui Xu , Associate Researcher, Taizhou Hospital of Zhejiang Province, China

Innovation in Life Technology Case 3: Neurobiology and Neuroscience	
<i>Time: 13:30-17:10, September 21, 2019 (Saturday); Place: Room 209, 2nd Floor, QICC</i>	
Chair	Dr. Laura Gaudet , Professor, Chadron State College, USA
Co-Chair	Dr. Run Zhang , Director, Örebro University, Sweden
13:30-13:35	Chair's Introduction
13:35-13:55	Title: <i>Understanding Persons with Traumatic Brain Injury (TBI) through the lens of a Multi-Scale, Multi-Dimensional Series of Psychosocial Instruments</i> Dr. Laura Gaudet , Professor, Chadron State College, USA
13:55-14:15	Title: <i>Fibroblasts as a Bio-cellular Model for Studying Amino Acids Transport in Schizophrenia, Bipolar and Related CNS Disorders</i> Dr. Run Zhang , Researcher, The University of Queensland, Australia
14:15-14:35	Title: <i>Metformin Enhances Adult Neurogenesis and Memory Function through Hippocampal IRS1 Signaling Independent of the Hypoglycemic Effect</i> Dr. Akiko Taguchi , Chair of Department of Integrative Aging Neuroscience, National Center for Geriatrics and Gerontology, Japan
14:35-14:55	Title: <i>Long-Term Cochlear Implant Outcomes in Children with GJB2 and SLC26A4 Mutations</i> Dr. Che-Ming Wu , Associate Professor, Chang Gung Memorial Hospital, Taiwan
14:55-15:15	Title: <i>Neuroprotective Effect of Artemisinin and the Application of Its Analogs in the Treatment of Neuronal Degenerative Disease</i> Dr. Wenhua Zheng , Professor, University of Macau, China
15:15-15:30	Coffee Break
15:30-15:50	Title: <i>Genetics and Epigenetics in Human Brain Evolution</i> Dr. Dan Riga , Academy of Romanian Scientists, Romanian Medical Science Academy, Romania
15:50-16:10	Title: <i>Protective Effect of Intraoperative Nerve Monitoring against Nerve Injury during Thyroid Surgery</i> Dr. Shih Ming Huang , Professor, National Cheng Kung University, Taiwan, China
16:10-16:30	Title: <i>Arginine Vasopressin Modulates Spike Activity and Spike Coding in the Rat Suprachiasmatic Nucleus</i> Dr. Alexey N. Inyushkin , Professor, Samara State University, Russia
16:30-16:50	Title: <i>The Role and Mechanism of Long-Chain Non-Coding RNA CDKN2B-As1 in Ischemic Stroke</i> Dr. Wenli Chen , Clinical Pharmacist, The Fifth Affiliated Hospital, Sun Yat-sen Unive China
16:50-17:10	Title: <i>Intracerebroventricular Injection of Mir-7 Inhibits Secondary Brain Injury</i>

	<i>Induced by Intracerebral Hemorrhage Via EGFR/STAT3 Pathway in Rats</i> Dr. Rongyong Man , Huaihua First People's Hospital, China
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Innovation in Life Technology Case 4: Protein Research Frontier, Biocatalysis and Enzyme Engineering	
<i>Time: 13:30-15:40, September 21, 2019 (Saturday); Place: Room 208, 2nd Floor, QICC</i>	
Chair	Dr. Young June Park , Professor, Seoul National University, South Korea
Co-Chair	Dr. Xin Jin , Associate Professor, China University of Petroleum, China
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>A Reference Electrode-Free Electrochemical Biosensor Platform for Detecting MMP-9 and Troponin Using a Concentric Electrode Device</i> Dr. Young June Park , Professor, Seoul National University, South Korea
14:00-14:25	Title: <i>In Silico Prioritization and Further Functional Characterization of SPINK1 Intronic Variants</i> Dr. Wenbin Zou , Executive Assistant, Shanghai Changhai Hospital, China
14:25-14:50	Title: <i>Catalytides are the Attractive Hydrolase-Peptide for the Strategic Development of New Drugs against Alzheimer's Disease</i> Dr. Toshifumi Akizawa , CEO, O-Force Co., Ltd., Japan
14:50-15:15	Title: <i>Catalytic Transfer Hydrogenolysis of Bio-Polyols: Structure-Sensitivity Studies on Bimetallic PtPd/C Catalyst</i> Dr. Xin Jin , Associate Professor, China University of Petroleum, China
15:15-15:40	Title: TBD Dr. Jinxiang Zhang , Principal Scientist, Qingdao Vland Biotech, China

Innovation in Life Technology Case 5: Advances in Molecular & Cell Biology	
<i>Time: 13:30-17:35, September 21, 2019 (Saturday); Place: Room 206, 2nd Floor, QICC</i>	
Chair	Dr. Nancy L. Guo , Professor, West Virginia University, USA
Co-Chair	Dr. Amr El-Shazly , Professor, Liege University Hospital, Belgium
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Multi-Walled Carbon Nanotube-Induced Gene Expression in Vitro: Concordance with in Vivo Studies</i> Dr. Nancy Lan Guo , Professor, West Virginia University, USA
14:00-14:25	Title: <i>Fractalkine / CX3CR1 Immunomodulatory Role in Nasal Inflammation</i> Dr. Amr El-Shazly , Professor, Liege University Hospital, Belgium
14:25-14:50	Title: <i>Filling the Gap Between Protein Biomarker Identification and Validation Using Quantitative Dot Blot Analysis (QDB)</i> Dr. Jiandi Zhang , Founder, Quanticision Diagnostics, Inc., China
14:50-15:15	Title: <i>The Immunomodulatory Effects of Solid-State-Cultured Mycelium of Antrodia Camphorata (SCMAC) and its Active Phytosterol Compounds 9A and EK100 on Chronic Asthma Mouse Model</i> Dr. Shung-Te Kao , Professor, China Medical University, Taiwan
15:15-15:30	Coffee Break
15:30-15:55	Title: <i>To Sense The Temperature Distribution of a Single Cell with an Array of</i>

	<i>Thin-Film Thermocouples</i> Dr. Shengyong Xu , Professor, Peking University, China
15:55-16:20	Title: <i>Can Cell Deformability Be Distinguished through Micro Slit Made by Photolithography Technique?</i> Dr. Shigehiro Hashimoto , Dean, Kogakuin University, Japan
16:20-16:45	Title: <i>The Early History of Polyamine Research</i> Dr. Uriel Bachrach , Professor Emeritus, Hebrew University-Hadassah Medical School, Israel
16:45-17:10	Title: <i>Exercise-Induced Myokine FNDC5/Irisin Functions in Cardiovascular Protection and Intracerebral Retrieval of Synaptic Plasticity</i> Dr. Xuehong Xu , Professor, Shaanxi Normal University College of Life Sciences, China
17:10-17:35	Title: <i>The Developmental Seizure-Induced Hippocampal Mossy Fiber Sprouting: An Endocrine/Metabolism- Related Neuroanatomical Pathology and Its Regulation</i> Dr. Hong Ni , Professor, Children's Hospital of Soochow University, China

Innovation in Life Technology Case 6: Microbiology Study, Microbiota and Human Health	
<i>Time: 08:30-11:20, September 22, 2019 (Sunday); Place: Room 206, 2nd Floor, QICC</i>	
Chair	Dr. Kunyan Zhang , Professor, University of Calgary, Canada
Co-Chair	Dr. Manfred W. Beilharz , Associate Professor, University of Western Australia, Australia
08:30-08:35	Chair's Introduction
08:35-09:05	Title: <i>Whole Genome Sequence to Reconnoiter Staphylococcus Aureus Virulence</i> Dr. Kunyan Zhang , Professor, University of Calgary, Canada
09:05-09:35	Title: <i>Rapid Microbiological Methods for Contamination Detection and Antimicrobial Susceptibility Testing in Blood Cell Samples</i> Dr. Hideyuki Noda , Senior Researcher, Hitachi, Ltd., Japan
09:35-10:05	Title: <i>Comparative Characteristic of Antimicrobial Resistance in Geriatric Hospital: a Retrospective Cohort Study</i> Dr. Lubart Emily , Head of Acute Geriatric Department, Geriatric Medical Center, Israel
10:05-10:20	Coffee Break
10:20-10:50	Title: <i>Salmonella Osteomyelitis: Genotype Disclosure on Non-Typhoidal Salmonella Species</i> Dr. Cheng-Hua Huang , Medical Consultant, Cathay General Hospital Taipei, Taiwan
10:50-11:20	Title: <i>African Swine Fever Treatment in Vietnam</i> Dr. Manfred W. Beilharz , Associate Professor, University of Western Australia, Australia

Innovation in Life Technology Case 7: Novel Biodrugs, Drug Science, Medical and Pharmaceutical Biotechnology	
<i>Time: 08:30-11:35, September 22, 2019 (Sunday); Place: Room 209, 2nd Floor, QICC</i>	

Chair	Dr. Vincent T. Chow , Associate Professor, National University of Singapore, Singapore
Co-Chair	Dr. Hui Kong , Associated Professor, Beijing University of Chinese Medicine, China
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>The C-Terminal Domain of Angiopoietin-Like 4 (Cangpt14) is a Potential Biomarker and Therapeutic Target of Acute Pneumonia</i> Dr. Vincent T. Chow , Associate Professor, National University of Singapore, Singapore
09:00-09:25	Title: <i>Simultaneous Determination of Thirteen Veterinary Quinoxalines and Their Major Metabolites in Swine Liver</i> Dr. Linli Cheng , Associated Professor, China Agriculture University, China
09:25-09:50	Title: <i>Progression and Characterization of The NAFLD/NASH Model in FATZO Mice Fed with One High Fat High Fructose Diet</i> Mr. Yongfu Xiao , Head of Pharmacolog, Crown Bioscience, Inc., China
09:50-10:15	Title: <i>World's Unique Artificial Intelligence Detection System Using IR and Raman Fusion</i> Dr. Alan Zhang , CEO, EYZtek, Inc., China
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Pharmacokinetics and Tissue Distribution Kinetics of Puerarin in Rats Using Indirect Competitive ELISA</i> Dr. Hui Kong , Associated Professor, Beijing University of Chinese Medicine, China
10:55-11:20	Title: <i>Sijunzi Decoction Alleviate Sarcopeniain Type 2 Diabetes Mellitus Via PI3K/AKT/Mtor Pathway</i> Dr. Ningna Zhou , Professor , Yunnan University of Traditional Chinese Medicine, China
11:20-11:45	Title: <i>The Role of Oxidized Cardiolipinin the Development of Atherosclerosis</i> Dr. Xiang Hua , Physician, Karolinska University Hospital, Sweden
11:45-12:10	Title: <i>The Prevention and Treatment of Breast Cancer from Individual Factors</i> Dr. Daoke Yang , Department Head, Zhengzhou University, China