AFOB SUMMER FORUM 2018

Current Issues in Biotechnology for Human Health and Welfare in Asia

August 22-24, 2018

Incheon, Korea

[Second Announcement and Call for Paper]

AFOB Summer Forum is a biennial event of Asian Federation of Biotechnology (AFOB). The 1st AFOB Summer Forum was held in Qingdao, Mainland China in August, 2016, and this is the 2nd one. The Forum aims to stimulate presentation and discussion among thought leaders on current social, industrial, and ethical issues related with biotechnology rather than academic or technical issues. We expect that the forum brings together academic researchers, industrial practitioners and government officials.

Date: August 22-24, 2018
Venue: Holiday Inn, Incheon Songdo, Korea
(https://incheonsongdo.holidayinn.com/en)
Hosted by AFOB Korea RBO
Important Dates: July 20, 2018
- Abstract Submission Deadline
- Early Bird Registration Deadline
Themes: Div.I: Emerging Diseases
         Div.II: Bioenergy & Biomass
         Div.III: Bioindustry
         Div.IV: Biopharmaceuticals
         Div.V: Food Biotechnology
Language: Official language of the Forum is ENGLISH.

Official Homepage: http://summerforum.afob.org
Registration and Fees
All participants should complete registration and payment through AFOB Summer Forum Registration System. (http://summerforum.afob.org).

<table>
<thead>
<tr>
<th>Early Bird (Up to 20 July 2018)</th>
<th>Standard (After 20 July 2018)</th>
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<tr>
<td>Regular</td>
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<tr>
<td>300 USD</td>
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<tr>
<td>Student</td>
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<td>150 USD</td>
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PROGRAM

<table>
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<tr>
<th>Date</th>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>DAY 1</td>
<td>17.00 –</td>
<td>Registration (B1F, Michuhol)</td>
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<tr>
<td>Aug. 22</td>
<td>18.30 - 21.30</td>
<td>Welcome Reception (B1F, Michuhol)</td>
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<tr>
<td>DAY 2</td>
<td>08.00 – 09.00</td>
<td>Registration (2F)</td>
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<tr>
<td>Aug. 23</td>
<td>09.00 – 09.30</td>
<td>Opening Ceremony (2F, Grand Ballroom)</td>
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<td>09.30 – 12.00</td>
<td>Plenary Lectures (2F, Grand Ballroom)</td>
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<td>12.00 – 13.30</td>
<td>Lunch (B1F, Michuhol)</td>
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<td>13.30 – 15.00</td>
<td>Div. I: Emerging Diseases</td>
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<td>(Session 1: 2F, Grand Ballroom 1)</td>
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<td>15.00 – 15.30</td>
<td>Coffee Break</td>
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<td>15.30 – 17.00</td>
<td>Div. I: Emerging Diseases</td>
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<td>17.00 – 18.30</td>
<td>Poster Presentation</td>
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<td>18.30 – 21.00</td>
<td>Banquet (B1F, Michuhol)</td>
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<td>DAY 3</td>
<td>09.00 – 10.30</td>
<td>Division IV: Biopharmaceuticals</td>
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<td>Aug. 24</td>
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<td>10.30 – 11.00</td>
<td>Coffee Break</td>
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<td>11.00 – 12.30</td>
<td>Division IV: Biopharmaceuticals</td>
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<td>12.30 – 13.00</td>
<td>Closing Ceremony (2F, Grand Ballroom)</td>
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<td>13.00 – 14.00</td>
<td>Lunch (B1F, Michuhol)</td>
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<td>14.00 – 17.00</td>
<td>Technical Tour (Samsung Biologics &amp; GE Healthcare)</td>
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<td>Aug. 25</td>
<td>Half day</td>
<td>Optional Excursion (For more information, see the end of this circular.)</td>
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LOCAL ORGANIZING COMMITTEE

Chair: Tai Hyun Park (Seoul National University)

Secretary General: Duk Jae Oh (Sejong University)

Members: Hyung Joon Cha (Postech)
Sung Ok Han (Korea University)
Tae-Joon Jeon (Inha University)
Beom Soo Kim (Chungbuk National University)
JinWoo Kim (Sunmoon University)
Choul-Gyun Lee (Inha University)
Min-Kyu Oh (Korea University)
Chulhwan Park (Kwangwoon University)
Jung-Keug Park (Dongguk University)
Beom-Seop Rho (Incheon Business Information Technopark)
Jong-In Won (Hongik University)

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- M. Mozammel Hoq (Bangladesh)
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- Yew-Min Tzeng (Taiwan)

SCIENTIFIC COMMITTEE
- Agricultural and Food Biotechnology Division: Duong Hoa Xo (Vietnam)
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- Biopharmaceutical and Medical Biotechnology Division: Yew-Min Tzeng (Taiwan)
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- Bioprocess and Bioseparation Engineering Division: Yoon-Mo Koo (Korea) & Fengwu Bai (China)
- Bioenergy and Biorefinery Division: Wen-Teng Wu (Taiwan)
- Environmental Biotechnology Division: Mohd Ali Hassan (Malaysia) & Masao Fukuda (Japan)
- Marine Biotechnology Division: Choul-Gyun Lee (Korea)
- Nanobiotechnology, Biosensors and Biochips Division: Xian-En Zhang (China)
- Systems and Synthetic Biotechnology Division: Sang Yup Lee (Korea) & Zixin Deng (China)
- Tissue Engineering and Biomaterials Division: I-Ming Chu (Taiwan) & Jung-Keug Park (Korea)
- Bioindustry Promotion and Bioeducation Division: Satyahari Dey (India) & Gaojun Yue (China)

FORUM DIVISION ORGANIZERS

- Emerging Diseases (Division I): Yong Ho Park (Korea)
- Biomass and Bioenergy (Division II): Choul-Gyun Lee (Korea)
- Bioindustry (Division III): Wen-Chien Lee (Taiwan)
- Biopharmaceuticals (Division IV): Tae Gyu Lee (Korea)
- Food Biotechnology (Division V): Jong-Hyun Park (Korea)

PLEANARY SPEAKERS

Tae Han Kim
(CEO, Samsung Biologics, Korea)
Title: TBA

Filip Claes
(Regional Laboratory Coordinator for Asia and the Pacific, FAO, UN)
Title: Practical Biotechnology in Food and Agriculture: Tools for the People

KEYNOTE SPEAKERS

<Emerging Diseases>

Yasuyoshi Ike
(Professor, Gunma University, Japan)
Title: Development of Antimicrobial Agents and Evolution of the Super-multiresistant Bacteria

Sun Young Hwang
(Director, Haemaru Small Animal Clinical Research Institute and Referral Animal Hospital, Korea)
Title: Antimicrobial resistance of infectious pathogens in companion animals

Woo-Joo Kim
(Professor, Korea University, Korea)
Title: Response strategy to emerging infectious diseases: lessons from 2015 MERS-CoV outbreak

Jang Won Yoon
(Professor, Kangwon National University, Korea)
Title: Shiga toxin producing Escherichia coli infections in humans and animals

Annop Kunavongkrit
(Professor, Chulalongkorn University, Thailand)
Title: Common Zoonotic Diseases in Pig Production: Emerging or Re-emerging Issue

Sung Woo Kim
(CEO, MiCo BioMed Co., Ltd., Korea)
Title: Rapid Diagnosis of Infectious Diseases Using a Portable LabChip-based Real-time PCR
<Bioenergy & Biomass>

**Michael Borowitzka**  
(Professor, Murdoch University, Australia)  
Title: Biomass and bioenergy in Australia: Trends and policies

**Fengwu Bai**  
(Professor, Shanghai Jiao Tong University, China)  
Title: Perspectives for biomass resources and bioenergy production in Asia and beyond

**Charin Techapun**  
(Professor, Chiang Mai University, Thailand)  
Title: Trends and Policies in Bioenergy and Biomass in Thailand

**Jin Suk Lee**  
(Administrator, Korea Institute of Energy Research, Korea)  
Title: Recent developments and key barriers on advanced biofuels

**Akihiko Kondo**  
(Professor, Kobe University, Japan)  
Title: TBA

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**<Bioindustry>**

**Goutam Ghosh**  
(Vice President & Head, R&D and Technology Management Group, Panacea Biotech Ltd., India)  
Title: TBA

**Ching-Kuan Lin**  
(President, Challenge Bioproducts Co. Ltd., Biotechnology and Biochemical Engineering Society of Taiwan)  
Title: TBA

**Klararong Sriroth**  
(Director, Mitphol Sugar Co. Ltd., Thailand)  
Title: TBA

**Guojun Yue**  
(Director, SDIC, China)  
Title: TBA

**Satyahari Dey**  
(Professor & Managing Director, Indian Institute of Technology Kharagpur, India)  
Title: TBA

**Senyon Teddy Choe**  
(Director/President, Mogam Institute for Biomedical Research, Korea)  
Title: TBA

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**<Biopharmaceuticals>**

**Brian Yang**  
(Senior Writer, PharmaAsia News)  
Title: Current status of innovative biotherapeutics in China: from antibody platforms to CAR-T therapies

**Yeul-Hong Kim**  
(Professor, Korea University, Korea)  
Title: The innovative approach of cancer drug development through precision medicine

**Truong Hai Nhung**  
(Laboratory of Stem Cell Research and Application Ho Chi Minh City University of Science (HCMUS), Vietnam)  
Title: Current status of regenerative medicine and stem cell therapy in Vietnam

**Lam Kong Peng**  
(Executive Director, Bioprocessing Technology Institute Agency for Science, Technology & Research (A*STAR), Singapore)  
Title: Current status and future prospects for biotechnology and bioprocessing/biomanufacturing industry in Singapore
Jin-San Yoo
(CEO, PharmAbcine, Korea)
Title: Clinical Development of Tanibirumab and its IO combination strategy

Sin-Hyeog Im
(Professor, Postech, Korea)
Title: Probiotics and Pharmabiotics: Current Status and Future Prospects

Yin-Chieh Tsai
(Professor, National Yang-Ming University, Taiwan)
Title: Microbiota-Gut-Brain Axis, Psychobiotics, and Neuropsychiatric disorder

Yuan Kun Lee
(Professor, National University, Singapore)
Title: Gut Microbiota in Health and Diseases: An Asian Perspective

Tadao Saito
(Professor, Tohoku University, Japan)
Title: Production of Prebiotics Including Human Milk Oligosaccharides (HMO) and Utilization to Functional Foods
OPTIONAL EXCURSION

Korean Folk Village (KFV) – Traditional Cultural Theme Park

New and Varied Traditions
It offers various unique hands-on programs related to traditional culture, such as historical dramas and folk games. The KFV also organizes events and activities with diverse themes and concepts reinterpreted to reflect our times.

Touch and Feel! Live Traditional Experiences
The programs incorporate a variety of hands-on activities related to Korean arts and culture, ranging from daily life experiences, folk games, and handicraft workshops.

Orthodox and Healthy, Delicious Korea
Regional specialties from across the country are served in the Street Market, which was made to recreate the original appearance of street markets in the Joseon period. Every dish is prepared in an authentic Korean home style using only natural seasonings.

(Ref. & for more info at https://www.koreanfolk.co.kr/multi/english/)

CONTACT
For more information, please visit http://summerforum.afob.org or contact:

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