**2019 AASP Conference Program**

**Pre-AASP Conference (July 3, Wed., 2019)**

*Strategic Consideration in Registration and Approval of Pharmaceuticals to Asian Countries*

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| Time | Title | Speaker |
| 9:30~10:00 | Registration |
| Chairs: Euichaul Oh (The Catholic University of Korea, Korea); TBA |
| 10:00~10:40 | Drug Registration and Approval in China | Will Chen, Head of global RA, Executive Director, WiXi CDS |
| 10:40~11:20 | Drug Registration and Approval in Vietnam | Director, Drug Administration of Vietnam |
| 11:20~12:00 | Drug Registration and Approval in Thailand | Mrs. Achiraya Praisuwan, Professional Pharmacist, Lead GMP Inspector, Thailand |
| 12:00~13:00 | Lunch (including Vegetarian) |
|  Chairs: Aeri Kim (CHA University, Republic of Korea); Mase Lee (JW Pharmaceutical Corporation, Korea) |
| 13:00~13:40 | Update Regulation on Drug Registration in Indonesia and ASEAN Harmonization | Nova Emelda, S.Si, MS, Deputy Director for Generic Registration, Indonesia |
| 13:40~14:20 | ASEAN Harmonization on Pharmaceutical Inspections : Benefits to the ASEAN Economic Community | Sia Chong Hock, Health Sciences Authority (HSA) of Singapore  |
| 14:20~14:40 | Coffee Break |
|  Chairs: Hongkee Sah (Ewha Womans University, Korea); Jae-Won Jang (Yuyu Pharmaceutical Co.,Ltd., Korea) |
| 14:40~15:20 | The current status and strategies of Asian Pharmaceutical Market Entry (by Korea United Pharm.) | Sang Hyun Jun, Korea United Pharm. |
| 15:20~16:00 | Regulatory Perspective, Case Study of ASEAN Pharmaceutical Market Entry | Ji Young Yang, Head of Global RA, Global Business Division, Boryung Pharm., Korea |
| 16:00~16:40 | The Regulatory Prospect of ASEAN Pharmaceutical Market Entry | Young Ok Kim, Director, Pharmaceutical Safety Bureau, MFDS, Korea |
| 16:40~17:00 | General Review |

**AASP Conference (July 4, Thurs. – July 5, Fri., 2019)**

*Impact of Rapidly Changing Environment on Pharmacy Education, Practice and Pharmaceutical Sciences in Asia*

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| Day 1 (July 4, Thurs. 2019) |
|  | Main Room |
| 09:00-11:00 | **Colloquium of Asian Pharmacy Education** |
| 11:00-11:10 | Coffee Break  |
| 11:10-11:50 | **Plenary Lecture I : Where do we go?: 4th Industrial revolution and future technology** |
| 11:50-12:00 | Coffee break |
| 12:00-12:30 | **Plenary Lecture II :** International Pharmaceutical Federation (FIP) Renaissance |
| 13:30-17:00 | Room 1 | Room 2 | Room 3 |
| **PV***Pharmacovigilance & Social Pharmacy* | **DD I** *Innovative Drug Discovery* | **PB I** *Formulation & Development of Patient Centric Preparations*  |
| Day 2 (July 5, Fri. 2019) |
|  | Room 1 | Room 2 | Room 3 | Main Room |
| 09:00-12:00 | **BB***Biomedical Big Data in Clinical Science* | **PK/PD***From API to Drug Products: the Role of PK/PD & Pharmacogenomics*  | **PB II***New & Advanced Technology in Pharmaceutics and Industry* | **Forum** *Formulation strategy of health functional foods* |
|  | Room 1 | Room 2 | Room 3 |
| 13:30-17:00 | **PE** *Pharmacy Education in Asia* | **PP** *Precision Pharmacotherapy* | **DD II** *Herbal Medicine in Asia for Research & Development* |

**PV:** Pharmacovigilance/Social Pharmacy; **DD:** Drug Discovery (Pharmaceutical Chemistry, Pharmacology, Natural Products, Drug Analysis) (2 sessions); **PB:** Pharmaceutics/ Biopharmaceutics (3 sessions); **BB**: Biomedical Big Data; **PK/PD:** Pharmacokinetics/ Pharmacodynamics; **PE:** Pharmacy Education; **PP:** Precision Pharmacotherapy

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| 2019 AASP Conference in Suwon :Impact of Rapidly Changing Environment on Pharmacy Education, Practice and Pharmaceutical Sciences in Asia |
| Date 2019. 7. 4. (Thurs) – 2019. 7. 5 (Fri)Location Ajou University |
| Day 1 (July 4, 2019) |
| **Colloquium of Asian Pharmacy Education**(Organizer: Beom-Jin Lee, Ajou University; Eun-Seok Park, Sungkyunkwan University, Korea) |
| Chair | Moses S.S. Chow (Western University of Health Sciences, USA); Tetsumi Irie (Kumamoto Univ., Japan) |
| 09:00-09:20 | Ken-ichi Inui (Kyoto University, Japan)  |
|  | Current Status and Perspectives of the 6-Year Pharmaceutical Education in Japan: Aiming to Train Pharmacist-Scientists  |
| 09:20-09:40 | T.V. Narayana (Vikas Institute of Pharmaceutical Sciences, India)  |
|  | Future and vision of pharmacy education-India perspective  |
| 09:40-10:00 | Shu Chuen Li (The University of Newcastle, Australia)  |
|  | Challenges to pharmacy education in Australia  |
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| 10:00-10:20 | Daniel Robinson (College of Pharmacy, Western University of Health Sciences, USA) |
|  | Moving Toward Standard of Care from Rules-Based Pharmacy Practice |
| 10:20-11:00 Q&A and panel discussion  |
| 11:00-11:10 Coffee Break |
| **Plenary Lecture**  |
| Chair | Fe-Lin Lin Wu (National Taiwan University, Taiwan); Eun-Seok Park, Sungkyunkwan University, Korea) |
| 11:10-11:50  | TBA  |
|  | Where do we go?: 4th Industrial revolution and future technology |
| 11:50-12:00 | Coffee Break |
| 12:00-12:30 | Ralph J Altiere (FIP; University of Colorado Skaggs of Pharmacy and Pharmaceutical Sciences, USA) |
|  | International Pharmaceutical Federation (FIP) Renaissance |
| 12:30-13:30 | Lunch |
| **PV session (afternoon) Pharmacovigilance & Social Pharmacy**  (Organizer: Song Hee Hong, Seoul National University, Korea; Ju Young Shin, Sungkyunkwan University, Korea) |
| Chair | Shu Chuen Li (The University of Newcastle, Australia); Song Hee Hong, Seoul National University, Korea ) |
| 13:30-14:10 | Ju Young Shin (Sungkyunkwan University, Korea) |
|  | Educating pharmacy student and postgraduate toward pharmacovigilance expert- current curriculum and future direction |
| 14:10-14:50 | Manabu Akazawa (Meiji Pharmaceutical University, Japan) |
|  | Pharmacoeconomics education and study in schools of pharmacy in Japan  |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Rungpetch Sakulbumrungsil (Social and Administrative Pharmacy Department, Faculty of Pharmaceutical Sciences. Chulalongkorn University, Thailand) |
|  | Contribution of Social and Administrative Pharmacy in Education and Policy Decision |
| 15:40-16:20 | Li-Juan Shen (National Taiwan University, School of Pharmacy, Taiwan) |
|  | From pharmacy education to pharmacy practice, endeavor to get the reimbursement of pharmaceutical care in Taiwan’s national health insurance |
| 16:20-17:00 | Ian Wong (The Univ. of Hong Kong (HKU), Department of Pharmacology & Pharmacy, Hong Kong)  |
|  | What next in pharmacy practice research in Asia? |
| **DD I session (afternoon) Innovative Drug Discovery**(Organizers: Wooin Lee, Seoul National University, Korea; Beom-Jin Lee, Ajou University, Korea) |
| Chair |  Paul WS Heng (National University of Singapore, Singapore); Yi Zhun Zhu (Macau University of Science and Techniology) |
| 13:30-14:10 | Daryono Hadi (Bandung Institute of Technology, Indonesia)  |
|  | Prospect of porphyrins as ligand for radiopharmaceuticals |
| 14:10-14:50 | Jing-Ping Liou (Taipei Medical University, Taiwan) |
|  | Drug discovery and development from preclinic to clinic  |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Raimar Löbenberg (University of Alberta, Canada)  |
|  | Marijuana: fiber, food, medicine or narcotic? |
| 15:40-16:20 | Kyung-Hyun Choi (Jeju University, Korea) |
|  | Drug efficacy and toxicity evaluation in multi organ on a chip  |
| 16:20-17:00 | Xuechu Zhen (Soochow University College of Pharmaceutical Sciences, China) |
|  | CNS drug discovery and development: Opportunity and Challenge  |
| **PB I session (afternoon) Formulation & Development of Patient Centric Preparations**(Organizer: Seong Hoon Jeong, Dongguk University, Korea; Jun-Bom Park, Samyook University, Korea) |
| Chair | Vishal Kumar Gupta (Jagadguru Sri Shivarathreeshwara University, India); Jaehwi Lee (Chung-Ang University, Korea) |
| 13:30-14:10 | Cheong-Weon Cho (Chungnam National University, Korea)  |
|  | The strategic formulation studies for improving the compliance of patient |
| 14:10-14:50 | Shinji Yamashita (Setsunan University, Japan)  |
|  | Personalized formulation: Development of kid-friendly oral drug products  |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Hong Kee Kim (Innotherapy Inc., Korea) |
|  | Hemostatic Materials for Coagulopathy Patients |
| 15:40-16:20 | Heon Ju Lee (ROKIT Inc., Korea)  |
|  | Pharmaceutical applications of 3D bioprinters |
| 16:20-17:00 | Jianqing Gao (College of Pharmaceutical Sciences, Zhejiang University, China) |
|  | Stem cell-base drug/gene delivery system:our strategy |
| Day 2 (July 5, 2019) |
| **Forum (morning)Formulation strategy of health functional foods *(conducted by Korean language)***(Organizers: Beom-Jin Lee, Ajou University, Korea; Seong Hoon Jeong, Dongguk University, Korea ) |
| Chair | Kwon-Yeon Weon (Daegu Catholic University, Korea); Seong Hoon Jeong (Dongguk University, Korea ) |
| 09:00-09:40 | In Gyu Yang (Pharmacist & Health, Korea) |
|  | K-pharmacy : The New Perspective of Nutraceutical |
| 09:40-10:20 | Dae Sung Kim (Hanpoong Pharm & Foods Co., Ltd , Korea) |
|  | Development of health functional foods using natural products  |
| 10:20-10:30 | Coffee Break |
| 10:30-11:10 | Chul Soon Yong (College of Pharmacy, Yeungnam University, Korea) |
|  | Formulation strategy of functional foods |
| 11:10-11:50 | JaeHyun Lee (Cosmax BIO Product R&I, Korea) |
| 09:00-09:40 | Manufacturing and Quality Control Automation of Health functional Food |
| **BB (morning) Biomedical Big Data in Clinical Science**Organizers: Beom-Jin Lee, Ajou University, Korea; Jung Mi Oh, Seoul National University, Korea) |
| Chair | Imelda Pena (University of the Philippines Manila, Philippine); Rosnani Hashim (Cyberjaya University College of Medical Sciences, Malaysia) |
| 09:00-09:40 | ~~Libby Roughead (University of South Australia, Australia)~~  |
|  | ~~Using big data to improve medication safety in practice~~ |
| 09:40-10:20 | Howard Lee (Seoul National University, Korea) |
|  | A dimensionality reduction model to increase the efficiency and accuracy of clinical trial feasibility assessment using electronic medical records |
| 10:20-10:30 | Coffee Break |
| 10:30-11:10 | Rae Woong Park (Department of Biomedical Informatics, Ajou University of Medicine, Korea) |
|  | FEEDERNET - a clinical RWE sharing platform over the globe |
| 11:10-11:50 | Lou Huei-Xi(Integrated Health Information Systems Pte Ltd, Singapore)  |
|  | Innovation disruption in clinic practice |
| **PK/PD (morning) From API to Drug Products: the Role of PK/PD & Pharmacogenomics**(Organizers: Soyoung Shin, Wonkwang University, Korea; Sung-Hoon Ahn (Kangwon National University, Korea) |
| Chair | Van Hung Nguyen (Haiphong University of Medicine and Pharmacy, Vietnam); Suk-Jae Chung (Seoul National University, Korea |
| 09:00-09:40 | Rao V. S. V. Vadlamudi (President, Common Wealth Pharmacist’s Association, India)  |
|  | PK/PD consideration, a Key Driver for Successful Drug development |
| 09:40-10:20 | Tomohiro Terada (Shiga University of Medical Science Hospital, Japan) |
|  | PK/PD/PGx analysis of tyrosine kinase inhibitors~from research to practice |
| 10:20-10:30 | Coffee Break |
| 10:30-11:10 | In-Soo Yoon (Pusan National University, Korea) |
|  | Hepatic CYP450-mediated metabolism and pharmacokinetics of phytochemicals |
| 11:10-11:50 | Im-Sook Song (Kyungpook National University, Korea) |
|  | In vitro and in vivo assessment of pharmacokinetic interactions by evaluating the effect of red ginseng on drug metabolizing enzymes and transporters |
| **PB II (morning) New & Advanced Technology in Pharmaceutics and Industry** (Organizers: Seong Hoon Jeong, Dongguk University, Korea; Jun-Bom Park, Samyook University, Korea) |
| Chair | Lai Wah Chan (National University of Singapore, Singapore); Yu-Kyoung Oh (Seoul National University, Korea) |
| 09:00-09:40 | Yongzhuo Huang (Shanghai Institute of Materia Medica Chinese Academy of Sciences, China) |
|  | Tumor-associated macrophages-targeting drug delivery and therapeutic strategy  |
| 09:40-10:20 | Susumu Uchiyama (Department of Biotechnology, Graduate School of Engineering, Osaka University, Japan) |
|  | Total design of biopharmaceuticals with high quality and safety |
| 10:20-10:30 | Coffee Break |
| 10:30-11:10 | Su-Geun Yang (Inha University, Korea) (confirmed) |
|  | Image guided locoregional cancer therapy |
| 11:10-11:50 | Hu-Lin Jiang (China Pharmaceutical University, China)  |
|  | Triphenylphosphine-quercetin self-assemblies for mitochondria-targeted cancer therapy  |
| **PE session (afternoon) Pharmacy Education in Asia**(Organizer: Jung Mi Oh, Seoul National University, Korea; Beom-Jin Lee, Ajou University, Korea) |
| Chair | Motoko Kanke (Khon Kaen University, Thailand; Kyoritsu University of Pharmacy, Japan); Dong Hwan Sohn (Keimyung University, Korea) |
| 13:30-14:10 | Yolanda R Robles (UP College of Pharmacy, Philippines)  |
|  | Collaborative Relationship between Pharmaceutical Organizations and the Academe: Influence on Pharmacy Education |
| 14:10-14:50 | Dinh Thi Thanh Hai (Hanoi University of Pharmacy, Vietnam)  |
|  | Pharmacy education in Vietnam  |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Janet P. Engle, Pharm.D., Ph.D. (University of Illinois at Chicago College of Pharmacy, USA) |
|  | Board Certification: Role in American and International Pharmacy Practice |
| 15:40-16:20 | Rosnani Hashim (Cyberjaya University College of Medical Sciences, Malaysia) |
|  | Evolution of pharmacy education in Malaysia |
| 16:20-17:00 | Kyungim Kim (Korea University, Korea)  |
|  | Pharmacy education in Korea; Current status and our challenges for the implementation of outcome-based education |
| **PP (afternoon) Precision Pharmacotherapy** (Organizers: Jung Mi Oh, Seoul National University, Korea; Beom-Jin Lee, Ajou University, Korea) |
| Chair | Agung Endro Nugroho (Universitas Gadjah Mada, Indonesia); Jung Mi Oh (Seoul National University, Korea) |
| 13:30-14:10 | Fe-Lin Lin Wu (National Taiwan University, Taiwan)  |
|  | Genetic and clinical factors that influence the tacrolimus pharmacokinetics  |
| 14:10-14:50 | Francis R. Capule (College of Pharmacy, University of the Philippines Manila, Philippines Manila, Philippines) |
|  | Carbamazepine-induced SJS/TEN: The Important Role of the HLA-B75 Serotype  |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Balram Chowbay (National Cancer Centre Singapore, Singapore) |
|  | Tamoxigenetics and precision medicine: Is *CYP2D6* genotyping an optimal choice? |
| 15:40-16:20 | Wan-Liang Lu (School of Pharmaceutical Sciences, Peking University, China) |
|  | Liposomes-based biomimetic therapy for resistant cancer and cancer stem cells |
| 16:20-17:00 | Young Kee Shin (Seoul National University, Korea) |
|  | What is Needed for the Korean and Asian Pharmacy Discipline to Lead the New era of Precision Medicine? |
| **DD II (afternoon) Herbal Medicine in Asia for Research & Development** (Organizers: Minsoo Noh, Seoul National University, Korea; Mi-Kyung Lee (Woosuk University, Korea) |
| Chair | Joan Z Zuo (The Chinese University of Hong Kong, Hongkong); Minsoo Noh, Seoul National University, Korea) |
| 13:30-14:10 | Hyun Ok Yang (Natural Products Research Center, Korea Institute of Science and Technology, Korea)  |
|  | Neuroprotective effect of a traditional Korean herbal formula, via autophagy induction in models of Parkinson's disease  |
| 14:10-14:50 | Yibin Feng (School of Chinese Medicine, The Univ. Hong Kong)  |
|  | Drug discovery from natural resource:  insights of Traditional Chinese Medicine |
| 14:50-15:00 | Coffee Break |
| 15:00-15:40 | Christina Chai (National University of Singapore, Singapore)  |
|  | Natural Product Inspired Drug Discovery  |
| 15:40-16:20 | Elfahmi (The School of Pharmacy, Bandung Institute of Technology, Indonesia) |
|  | Biotechnological approaches for the production of active compounds of medicinal plants: from classical to the recent developmental methods  |
| 16:20-17:00 | Michiho Ito (Department of Pharmacognosy, Graduate School of Pharmaceutical Sciences, Kyoto University, Japan) |
|  | Chapter 26 in International Classification of Diseases of World Health Organization - international recognition of experience-based effectiveness of herbal medicines  |