

Asia Pacific Conference of Transplantation Immunogenetics and Blood Transfusion 2022

Date : July 30th-31st, 2022 (Hybrid Conference)

Venue : International Convention Center of Far Eastern Memorial Hospital ,New
Taipei City, Taiwan

| Saturday, July 30 th , 2022 (Hybrid Conference) | | | Language : English |
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| Time | Agenda | Speaker | Moderator |
| 08:30-09:00 | Registration and Reception | | |
| 09:00-09:20 | Opening Remarks | Presidents of TSHI and TSBT | |
| 09:20-09:50 | HLA Testing for Hematopoietic Cell Transplantation | Dr. Heather Dunckley President of APHIA | Dr.Fang-Yeh Chu 朱芳業理事長 President of TSHI |
| 09:50-10:20 | The Correlation Between COVID-19 and HLA | Dr.Fang-Yeh Chu 朱芳業理事長 President of TSHI | Dr.Jang-Jih Lu 盧章智醫師 Department of Laboratory Medicine, Linkou Chang Gung Memorial Hospital, Taiwan |
| 10:20-10:40 | Coffee Break | | |
| 10:40-11:10 | Quality and Safety of Human Platelet Lysates for Cell Therapy and Regenerative Medicine | Dr.Thierry Pierre Robert Burnouf Vice-Dean, College of Biomedical Engineering, Taipei Medical University | Dr.Tzong-Shi Chiueh 闕宗熙理事長 President of TSBT |
| 11:10-11:40 | NGS-based Profiling of Germline TCR and BCR Gene Repertoire | Dr.Pei-Lung Chen 陳沛隆醫師 Chairman, Graduate Institute of Medical Genomics and Proteomics, National Taiwan University, Taiwan | Dr.Ya-Chien Yang 楊雅倩教授 Department of Clinical Laboratory Sciences and Medical Biotechnology, College of Medicine, National Taiwan University, Taiwan |
| 11:40-12:10 | Blood Transfusion in COVID Pandemic, a Sharing of Experience of Tertiary Hospital in Malaysia | Dr.Christina Lee Lai Ling Transfusiologist , University of Malaya Medical Centre, Malaysia | Dr.Hung-Sheng Shang 商弘昇主任 Clinical Pathology Division, Tri-Service General Hospital, Taiwan |

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| 12:25-12:50 | Lunch Symposium- Evaluation of the Blood Bank Mode Software of Automated Hematology Analyzer for Counting Residual WBC in Blood Components: Taipei Blood Center Experience | Dr.Shun-Chung Pai 白舜仲技術長 Chief, Division of Quality, Taipei Blood Center, TBSF | Dr.Tzong-Shi Chiueh, 闕宗熙理事長 President of TSBT |
| 12:50-13:15 | Lunch Symposium- The Cutting-Edge Solution to Detect Donor-Derived Cell-Free DNA for Transplant Surveillance | Hank Yeh, Account Manager of Transplant Lab Solution, Asia-Pacific, CareDx | Michael Yang Ph.D. 楊舜鈞 博士 Marketing Manager, Genetech Biotech |
| 13:30-14:00 | KIR Allele Sequencing – An Update | Jonathan Downing Scientist in Charge , Clinical Immunology, PathWest Australia | Dr.Ya-Chien Yang 楊雅倩教授 Department of Clinical Laboratory Sciences and Medical Biotechnology, College of Medicine, National Taiwan University, Taiwan |
| 14:00-14:30 | The Development of Sustainable Cell Therapy for Hematologic Malignancy in Thailand | Dr.Korarnit Suppipat Director, Cellular Immuno-Therapy Research Unit, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand | Dr.Bor-Sheng Ko 柯博升理事長 Taiwan Society of Blood and Marrow Transplantation |
| 14:30-15:00 | Evolution of HLA Antibody Testing Technologies and Association with Graft Rejection | Dr. Narinder K. Mehra President of ISHI | Dr.Howard Doong 董久源博士 Executive Director of TSHI |
| 15:00-15:20 | Coffee Break | | |
| 15:20-15:50 | The Non-DEHP Alternative in Blood Packs: Current Scenario and Way Forward | Dr. Ulja Schmidt Director WB Processing, MedTech Division , Fresenius Kabi Deutschland GmbH, Germany | Dr.Shun-Chung Pai 白舜仲技術長 Taipei Blood Center, Taiwan |
| 15:50-16:20 | The Importance and Approach to Set Up a System of Hemovigilance | Dr. Salwa Hindawi Professor, Department of Hematology, King Abdulaziz University, Saudi Arabia | Dr.Dong-Tsamn Lin 林東燦醫師 Director of TSHI |

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| 16:20-16:50 | Towards Defining the Relative Immunogenicity of HLA Epitope Mismatches | Dr.Sebastiaan Heidt Associate Professor, Department of Immunology, LUMC, the Netherlands | Prof.Cheng-Chan Lu 呂政展教授 Department of Pathology, National Cheng Kung University, Taiwan |
| 16:50-17:00 | Sign Out | | |

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Date : July 30th - 31st, 2022 (Hybrid Conference)

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| Sunday, July 31 st , 2022 (Hybrid Conference) | | Language : English, Mandarin(Chinese) | |
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| Time | Agenda | Speaker | Moderator |
| 08:30-09:00 | Registration and Reception | | |
| 09:00-09:30 | HLA Genotyping Via Whole Genome Sequencing Data (Language:Mandarin(Chinese)) | Dr. Shu-Jui Hsu 許書睿助理教授 Assistant Professor, Graduate Institute of Medical Genomics and Proteomics, National Taiwan University, Taiwan | Szu-Wen Shen 沈似紋組長 Department of Laboratory Medicine, National Taiwan University Hospital, Taiwan |
| 09:30-10:00 | Study of the Single Nucleotide Polymorphisms in Hematopoietic Stem Cell Transplantation (Language:Mandarin(Chinese)) | Dr. Ding-Ping Chen 陳定平副教授 Associate Professor, Chang Gung University, Taiwan | Dr.Zheng-Dao Lee 李政道博士 Executive Supervisor of TSHI |
| 10:00-10:30 | A CIBERSORTx-Based Immune Cell Scoring System Could Independently Predict the Prognosis of Patients with Myelodysplastic Syndromes (Language:Mandarin(Chinese)) | Dr. Chien-Chin Lin 林建嶽醫師 Attending physician, Department of Laboratory Medicine, National Taiwan University Hospital, Taiwan | Dr.Wen-Chien Chou 周文堅理事長 The Hematology Society of Taiwan |
| 10:30-10:50 | Coffee Break | | |
| 10:50-11:20 | ABO-Incompatible Renal Transplantation (Language:Mandarin(Chinese)) | Dr. Chih-Yuan Lee 李志元醫師 Attending Physician, Department of Surgery, National Taiwan University Hospital, Taiwan | Dr.Ping-Chin Lai 賴彬卿醫師 Nephrology Center, China Medical University Hospital, Taiwan |

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| 11:20-11:50 | HLA Typing in Clinical Practice of Transplantation and Transfusion (Language:Mandarin(Chinese)) | Dr. Hai Yan Wang 王海燕主任 Head of Department, Department of Transfusion Medicine, The Affiliated Hospital of Qingdao University, China | Dr.Jen-Shiou Lin 林正修主任 Department of Laboratory Medicine, Changhua Christian Hospital, Taiwan |
| 11:50-12:20 | Platelets Alloantibodies Role in Thrombosis and Thrombocytopenia | Dr. Ferrari Silvia Director Strategic Accounts and Transfusion Scientific Programs , Immucor, Inc. | Dr.Shin Yi Tsai 蔡欣怡醫師 Department of Laboratory Medicine, MacKay Memorial Hospital, Taiwan |
| 12:30-12:55 | Lunch | | |
| 12:55-13:20 | Lunch Symposium-Moving to New Golden Standards Luminex Based Testing | Dr.Christine Heylen Sr. Director, International Commercial Scientific Affairs, Transplant, Immucor | Dr.Fang-Yeh Chu 朱芳業理事長 President of TSHI |
| 13:30-15:00 | Oral Presentation (Language:Mandarin(Chinese)) | | Prof.Cheng-Chuang Su 蘇正川教授 School of Medicine, Tzu Chi University, Taiwan |
| 15:00-15:20 | Coffee Break | | |
| 15:20-16:50 | Oral Presentation (Language:Mandarin(Chinese)) | | Hui-Fei Tang 湯惠斐主任 Department of Laboratory Medicine, Far Eastern Memorial Hospital, Taiwan |
| 16:50-17:00 | Sign Out | | |