

Final Program
Asia-Pacific Histocompatibility and Immunogenetics Association Conference
In collaboration with the Thai Transplantation Society
October 10th-14th 2015, Mandarin Hotel, Bangkok, Thailand

Saturday Oct 10th, 2015

- 8:30-12:00 Pre-congress workshop I (One Lambda) at the Thai Red Cross Society
 "Moving Transplant Diagnostics forward with New Developments from One Lambda"
 Introduction & Welcome
 Paul Wong
 Presenters:
 Peter Brescia
 John Cha
 Baron Victor
- 12:00-13:00 Lunch
- 13:00-16:30 Pre-congress workshop II (Linkage Biosciences) at the Thai Red Cross Society
 Linkage Biosciences Workshop
 "The LinkS_{eq} Real-Time PCR HLA typing technology, as well as an introduction to the SureTyper Software"
 Matthew Frome, Vice President, Linkage Biosciences
 13:00 – Introductions and training on Sample Set-up
 13:45 – Set up of First Sample
 14:00 – Discussion/Presentation on LinkS_{eq} Chemistry
 15:00 – Set up of Second Sample
 16:00 - Introduction to SureTyper Software / Analysis of Samples
 16:30 – Conclusion
- 13:00-16:30 Pre-congress workshop III (Olerup) at the Thai Red Cross Society
 "Introducing QTYPE and ACCUTYPER: new tools for qPCR in HLA typing"
 Ben Passey (Development Manager Olerup SSP AB)
 Roswitha Keller (General Manager Olerup GmbH)

Sunday Oct 11th, 2015

- 8:30-12:00 Pre-congress workshop IV (Conexio) at Faculty of Medicine, Chulalongkorn University
 “Lab demonstration and discussion on Gamma typing, PCR based SSP kit containing a panel of sequence primers characterizing 25 SNPs in the Gamma genomic block of the central MHC”
- 12:00-13:00 Lunch
- 13:00-16:30 Pre-congress workshop V (Inno-Train) at the Thai Red Cross Society
 “Lab demonstration and discussion on HLA typing by FLUOGENE, the SSP-PCR with the speed of endpoint fluorescence detection”
- 13:30-16:30 Councilor meeting (Mandarin hotel)
- 17:00-18:00 Open for Registration
- 18:00-21:00 Welcome Party at the Mandarin hotel

Monday Oct 12th, 2015: Solid Organ Transplantation

- 07.00 Open for Registration
- 08:15-10:00 Plenary Session: Laboratory testing in Solid Organ Transplantation
Chair : Pimol Chiewsilp
Co-Chair : Alycia Thornton
- 8:15-09:00 Acceptable mismatches and acceptable antibody epitopes for highly sensitized patients
Frans Claas
- 09:00-09:30 The Use and Interpretation of HLA Testing for Sensitized Patients in Kidney Transplantation
John A. Gerlach
- 09:30-10:00 Challenges in performing a virtual crossmatch in patients with HLA-allele specific antibodies
Malek Kamoun
- 10:00-10:30 Tea/Coffee Break
- 10:30-12:00 Plenary Session: Update on Solid Organ Transplantation I
Chair : Vasant Sumethkul
Co-Chair : Adis Tasanarong
- 10:30-11:00 Antibody-Mediated Rejection: Clinical
Naline Premasathian
- 11.00-11.30 Antibody-Mediated Rejection: Management
Suphamai Bunnapradist
- 11.30-12.00 Antibody-Mediated Rejection: Apheresis
Dusit Lumlertgul
- 12:00-13:30 Lunch Symposium (Histogenetics)
"Advances in Genotyping Technologies and Bioinformatics:
Implications for HLA Typing and Science of Immunogenetics"
Nezih Cereb, MD President & CEO Histogenetics, USA
"Open Source Bioinformatics for NGS and beyond
Martin Maiers
Director of Bioinformatics
NMDP, USA

Monday Oct 12th, 2015: Solid Organ Transplantation (Cont.)

- 13:30-14:00 Industry Sponsored Symposium (Pfizer)
“Single daily dose of immunosuppressant: Quality of life and Cost Perspective”
Yingyos Avihingsanon
- 14:00-15:00 Plenary Session: Update on Solid Organ Transplantation II
Chair : Kriengsak Wareesangthip
Co-Chair : Surazee Prommool
- 14:00-15:00 ABO Incompatible Transplantation
Pimpun Kitpoka
Yingyos Avihingsanon
- 15:00-15:15 Tea/Coffee Break
- 15:15-16:45 Plenary Session: Update on Solid Organ Transplantation II
Chair : Visit Dhitavaj
Co-Chair : Thanom Supaporn
- 15:15-16:45 Histocompatibility and Transplant Outcome in Thailand
Kajohnsak Noppakun
Supanit Nivatvongs
- 18:30-21:30 Councilor and Speaker Dinner

Tuesday Oct 13th, 2015: Immunogenetics

- 07.00 Open for Registration
- 8:15-10:00 Plenary Session: Immunogenetics and Disease Association
Chair : Mary Diviney
Co-Chair : Sasijit Vejbaesya
- 8:15-09:00 Revisiting HLA polymorphisms and disease associations
Katsushi Tokunaga
- 09:00-09:20 Role of HLA in Pharmacogenetics
Surakameth Mahasirimongkol
- 09:20-09.50 Genetics and Epigenetics of Systemic Lupus Erythematosus in Asia
Nattiya Hirankarn
- 10:00-10:30 Tea/Coffee Break
- 10.30-11.50 Oral Presentation Session
Chair : Chanvit Leelayuwat
Co-Chair : Jonathan Downing
- 10.30-10.40 HLA Allele and Haplotype Frequencies determined by Family Segregation
following Next Generation Sequencing
Alana Chin
- 10.40-10.50 Outcomes for Sensitized Patients in New Zealand
Jonathan Downing
- 10.50-11.00 Impact of HLA Mismatch on Lung Transplant Survivals: Analysis of
OPTIN Data
Liang Wan
- 11.00-11.10 HLA Antigen Mismatch is a Predictor for Acute Rejection in Living Donor Renal
Transplant Patients
EngHooi Sian
- 11.10-11.20 Long-term Outcomes of Renal Transplants from Spousal and Living-related
Donors: Malaysia 12-years of Experience
Rhanye Mac Guad
- 11.20-11.30 Mixed Chimeras in Multilineage Hematopoiesis after Recovery from Graft-
Versus-Host-Disease following Liver Transplantation
Jung Yoon
- 11.30-11.40 Gene Dose of HLA Susceptibility and Protective Genotypes Orchestrates Relative
Immune Dysfunction in Type 1 Diabetes and its Related Severe Form
Navchetan Kaur
- 11.40-11.50 HLA and Cytokine Gene Polymorphisms in Chronic Immune Trombocytopenic
Purpura
Shweta Tyagi

Tuesday Oct 13th, 2015: Immunogenetics (Cont.)

- 12:00-13:30 Lunch Symposium (One Lambda)
“NXType: The Turnkey Solution for HLA Typing by NGS”
: Overview of NXType workflow, TypeStream Analysis Software, key advantages, and product updates
- 13:30-14:00 Industry Sponsored Symposia (Illumina)
“Fine-mapping HLA Disease Associations in Asian Populations”
Foo Jia Nee, Human Genetics, Genome Institute of Singapore
- 14:00-16:30 Plenary Session: Asia/Pacific Experiences in Tissue Typing
Chair : Soisaang Phikulsod
Co-Chair : Oytip Nathalang
- 14:00-15:00 Experiences and Workflow in Solid Organ Transplantation
Rhonda Holdsworth (Australia), Janette Kwok (Hong Kong), Eun Young Song (Korea), Uma Kanga (India), Cheng-Chan Lu (Taiwan), Duangtawan Thammanichanond (Thailand)
- 15:00-15:30 Tea/Coffee Break
- 15:30-16:30 Experiences and Workflow in Hematopoietic Stem Cell Transplantation
Rhonda Holdsworth (Australia), Janette Kwok (Hong Kong), Eun Young Song (Korea), Uma Kanga (India), Cheng-Chan Lu (Taiwan), Parichart Permpikul (Thailand)
- 16:30-17:00 Annual General Meeting of APHIA
- 17:00-18:00 Poster Exhibition
- 18:30-21:30 Gala Dinner

Wednesday Oct 14th, 2015: Hematopoietic Stem Cell Transplantation

- 08:15-10:30 Plenary Session: Update on Hematopoietic Stem Cell Transplantation I
Chair : Louise Goddard
Co-Chair : Nipapan Leetrakool
- 8:15-09:00 KIR and Hematopoietic Stem Cell Transplantation
Dianne De Santis
- 09:00-09:30 Personalized Immunogenetics : from HLA to Regenerative Cell Therapy
Dominique Charron
- 09:30-10:30 Update on Hematopoietic Stem Cell Transplantation: Clinical Perspectives
Suradej Hongeng, Kleebsabai Sanpakit, Udomsak Bunworasate
- 10:30-11:00 Tea/Coffee Break
- 11:00-11:30 Industry Sponsored Symposium (Immucor)
“NGS applied to HLA typing: From Mapping Susceptibility to Identifying Tolerable Mismatches”
Marcelo Fernández-Viña, Stanford Medical School Blood Center, Stanford, CA
- 11:30-12:00 Industry Sponsored Symposium (GenDx)
“Getting things done: Next Generation Sequencing Strategies on multiple Platforms”
Loes van de Pasch PhD, Utrecht, Netherlands
“Accurate Chimerism Monitoring by real time PCR”
Wietse Mulder PhD, Utrecht, Netherlands
- 12:00-13:00 Lunch
- 13:00-13:30 Industry Sponsored Symposia (Omixon)
“Holotype EAP Success”
Marcello Scala, EMEA and Asia Sales Manager
Efthymia Melista, Field Application Scientist
- 13:30-15:30 Plenary Session: Update on Hematopoietic Stem Cell Transplantation II
Chair : Ubonwon Charoonruangrit
Co-Chair : Nattiya Hirankarn
- 13:30-14:15 Update on Hematopoietic Stem Cell Transplantation (TBA)
Steven Marsh
- 14:15-14:45 The Effect of HLA class I Polymorphism in Unrelated Hematopoietic Stem Cell Transplantation
Susana R. Marino
- 14:45-15:15 Role of anti-HLA and non-HLA Antibodies in Hematopoietic Stem Cell Transplantation
Rhonda Holdsworth
- 15:15-15:45 Summary and Conclusion Remarks