



37TH EUROPEAN IMMUNOGENETICS & HISTOCOMPATIBILITY CONFERENCE

20–23 MAY, 2024
GENEVA, SWITZERLAND



ASSOCIATED MEETINGS

SUNDAY 19 May 2024

Room K

9:00 – 17:00 Inspectors workshop
Chairpersons **Blanka Vidan-Jeras, Christien Voorter,
Sabine Scherer**

Room TBA

9:00 – 17:00 ESHI diploma examination

MONDAY 20 May 2024

Rooms TBA

8:30 – 16:30 Executive committee meeting
External proficiency testing committee meeting
IT & bioinformatics committee meeting
Accreditation committee meeting
Standards committee meeting
Education committee meeting
Scientific committee meeting
Chairpersons **Chairs of each committee**

SCIENTIFIC PROGRAM

MONDAY 20 May 2024

Room - ε

12:00 – 13:30 Population Genetics Working Group
(Open Meeting)
Chairpersons **A. Sanchez-Mazas, José Nunes**

Hall B

OPENING CEREMONY

17:30 – 18:00 Welcome addresses
**EFI President, Dean of the Faculty, Health
Minister**

18:00 – 18:15 **HLA award**
Steven Marsh

18:15 – 18:45 **Julia Bodmer award**
Luca Vago

18:45 – 19:15 **CPELLINI lecture**
Ann-Margaret Little

Exhibition Hall and Villa Sarasin

19:15 – 21:30 Welcome reception

TUESDAY 21 MAY 2024

Hall B

PLENARY SESSION I

Solid Organ Transplantation (How to transplant highly sensitized patients)

Chairpersons **Valérie Dubois, Sebastiaan Heidt**

8:30 – 9:00 New approach to ABO – Incompatible transplantation
Lori West

9:00 – 9:30 Is Imlifidase the new magic bullet for highly sensitized recipients?
Mats Bengtsson

9:30 – 10:00 10 years of the Scandiatransplant acceptable mismatch program
Pernille Bundgaard Koefoed-Nielsen

PARALLEL SESSIONS

Hall B

Special joint SFHI session

Tolerance

Chairpersons **Paul Rouzairre, Alice Aarnink**

10:30 – 11:00 Mixed chimerism for induction of renal allograft tolerance
Thomas Fehr

11:00 – 11:30 Development and assessment of T cell therapies for transplantation
Fadi Issa

11:30 – 12:00 Genetic engineering to empower Treg therapy
Tifanie Blein

Room K

Teaching session 1

HLA and transfusion

Chairpersons **Deborah Sage, Agnès Basire**

10:30 – 11:00 Human platelet antigens - Definition and laboratory investigation
Anthony Poles

11:00 – 11:30 Fetal and neonatal alloimmune thrombocytopenia diagnosis and management: a commissioner point of view
Agnès Basire

11:30 – 12:00 Platelet refractoriness: laboratory diagnosis and patient management
Deborah Sage

Hall A

10:30 – 12:00 **Abstract session 1: Immunotherapy, gene therapy & NK cells**

Chairpersons Britta Eiz-Vesper, Roberto Crocchiolo

Hall C

10:30 – 12:00 **Abstract session 2: Bioinformatics, data analysis in immunogenetics**

Chairpersons Martin Maiers, James Robinson

Room TBA

12:00 – 13:00 **EC + ECC meeting**

Hall A

12:10 – 12:50 **Industry symposium: Werfen**

Hall B

13:10 – 13:50 **Industry symposium: CareDx**

PARALLEL SESSIONS

Hall B

**Special joint session with the Geneva University
The network of immune cells in health and disease**

Chairpersons Nicole Mifsud, Frans Claas

14:00 – 14:30 The neutrophil and macrophage networks

Mikaël Pittet

14:30 – 15:00 The ILC network

Camilla Jandus

15:00 – 15:30 The T/TCR network

David Gfeller

Room K

Teaching session 2

HLA and disease

Chairpersons Gwendaline Guidicelli, Deborah Pritchard

14:00 – 14:30 Best practices for HLA and Genetic Testing in H&I laboratories: SFHI Guidelines

Gwendaline Guidicelli

14:30 – 15:00 Current position of disease associations with the HLA system in clinical diagnostics

Frantisek Mrazek

15:00 – 15:30 HLA genetics and Coeliac disease

Deborah Pritchard

Hall A

14:00 – 15:30 **Abstract session 3: New technologies in Immunogenetics**

Chairpersons Eric Spierings, Jakob Nilsson

Hall C

14:00 – 15:30 **Abstract session 4: Immunogenetics in organ transplantation 1**

Chairpersons Caroline Wehmeier, Claudia Lehmann

Hall B

PLENARY SESSION II

Hematopoietic stem cell transplantation (New therapies for acute leukemia: HSCT, CAR-T, Bispec-Ab)

Chairpersons Kay Poulton, Pietro Crivello

16:00 – 16:30 HSCT

Jakob Passweg

16:30 – 17:00 B-specific antibody therapy

Catherine Thieblemont

17:00 – 17:30 CAR-T cells

Federico Simonetta

Hall B

17:30 – 18:00 **Serological nomenclature: update**

Chairperson Marcelo Fernández-Viña

Hall C

17:30 – 18:10 **Industry symposium: Hansa Biopharma**

Hall A

17:30 – 18:10 **Industry symposium: Omixon**

Poster Hall

18:10 – 20:00 **Poster viewing session**

WEDNESDAY 22 MAY 2024

Hall B

PLENARY SESSION III

HLA immunogenetics and population genetics a combined SIP-EFI session

Chairpersons Neema Mayor, Alicia Sanchez-Mazas

8:30 – 9:00 Using genomic data to understand the nature and timescale of selection on HLA genes

Diogo Meyer

9:00 – 9:30 Archaic introgression enhanced recognition of HLA-A by first nations Oceanian Natural Killer cells

Paul Norman

9:30 – 10:00 Unveiling HLA population diversity: evolutionary meanings and clinical implications

Alicia Sanchez-Mazas

PARALLEL SESSIONS

Hall B

Special session

HLA DP models and beyond

Chairpersons Jill Hollenbach, Pierre-Antoine Gourraud

10:30 – 11:00 The importance of Immunopeptidomics data to analyze the immune response

Julien Racle

11:00 – 11:30 The immunopeptidome in HCT – lessons learned from HLA-DP

Katharina Fleischhauer

11:30 – 12:00 MHC class II haplotypes

Effie Petersdorf

Hall A

10:30 – 12:00 Abstract session 5: Immunogenetics in organ transplantation 2
Chairpersons Valérie Olivier, Jean-Luc Taupin

Hall C

10:30 – 12:00 Abstract session 6: MHC evolution, population genetics
Chairpersons Natasja de Groot, Steven Mack

Hall A

12:10 – 12:50 Industry symposium: One Lambda / Thermo Fisher

13:10 – 13:50 Industry symposium: GenDx

PARALLEL SESSIONS**Hall B**

Young EFI professional special session
AI and big data in immunogenetics

Chairpersons Timo Olieslagers, Arianne Brandsma

14:00 – 14:30 AI and Big data: friend or foe?
Christian Lovis
14:30 – 15:00 Endeavour in HLA research, an exciting winding path
Nicolas Vince
15:00 – 15:30 Scientific career path; inspiration, collaboration and commitment
Sandra Tafulo

Room K

Teaching session 3
KIR in solid organ and hematopoietic stem cell transplantation

Chairpersons Paul Norman, Stéphane Buhler

14:00 – 14:30 The KIR system
Paul Norman
14:30 – 15:00 KIRs in solid organ transplantation
Alice Koenig
15:00 – 15:30 KIRs in hematopoietic stem cell transplantation
Stéphane Buhler

Hall A

14:00 – 15:30 Abstract session 7: Hematopoietic stem-cell transplantation (HSCT)
Chairpersons Nina Svetlitzky, Katarzyna Bogunia-Kubik

Hall C

14:00 – 15:30 Abstract session 8: Autoimmunity, Infection, Reproduction & Cancer
Chairpersons Danillo Augusto, Fatma Oğuz

Hall B**PLENARY SESSION IV****Giving life- bone marrow / solid organ donors**

Chairpersons Joannis Mytilineos, TBA

16:00 – 16:30 The DKMS studies
Johannes Schetelig
16:30 – 17:00 One organ for every recipient
Constanca Figueiredo
17:00 – 17:30 The view and strategy of WHO
Efstratios (Stratos) Chatzixiros

Hall B

17:30 – 18:00 EFI medals ceremony
Chairperson Ann-Margaret Little

Hall B

18:00 – 19:00 EFI GENERAL ASSEMBLY

THURSDAY 23 MAY 2024**Hall B**

8:30 – 10:00 Best abstract session
Chairpersons Marco Andreani, Luca Vago

PLENARY SESSION V**Antigen presentation and neoantigens**

Chairpersons Lotte Wieten, Esteban Arrieta-Bolaños

10:30 – 11:00 Deciphering the properties of antitumor T cells in solid cancers
Giacomo Oliveira
11:00 – 11:30 Lymphatic vessels as immunomodulators in cancer
Stéphanie Hugues
11:30 – 12:00 Antigen discovery for the development of personalized cancer immunotherapy
Michal Bassani-Sternberg

CLOSING CEREMONY

Chairpersons Marco Andreani, Sylvie Ferrari-Lacraz

12:00 – 12:15 19th IHIW presentation
12:15 – 12:30 Jon Van Rood award & best abstracts award
Committee chair Steven Marsh
Best poster awards
Committee chair Stefan Schaub

LECTURE

12:30 – 13:00 The world of exoplanets
Monika Lendl

REMARKS

Welcome to Prague and final conclusions