



37TH EUROPEAN IMMUNOGENETICS & HISTOCOMPATIBILITY CONFERENCE

20–23 MAY, 2024
GENEVA, SWITZERLAND



ASSOCIATED MEETINGS

SUNDAY 19 May 2024

Room TBA

9:00 – 17:00 Inspectors workshop
Chairperson **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 - TBA

12:30 – 14:00 Population genetics working group
Chairperson **A. Sanchez-Mazas**

Hall B

OPENING CEREMONY

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

18:00 – 18:30 Julia Bodmer award

18:30 – 19:00 Ceppellini lecture

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 L

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: practical cases of diagnosis and management
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 L

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 Wine & cheese 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
<i>Chairpersons</i>	Valérie Olivier, Jean-Luc Taupin

Hall C	
10:30 – 12:00	Abstract session 6: MHC evolution, population genetics
<i>Chairpersons</i>	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	
<i>Chairpersons</i>	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 L	
Teaching session 3	
KIR in solid organ and hematopoietic stem cell transplantation	
<i>Chairpersons</i>	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)
<i>Chairpersons</i>	Nina Svetlitzky, Katarzyna Bogunia-Kubik

Hall C	
14:00 – 15:30	Abstract session 8: Autoimmunity, Infection, Reproduction & Cancer
<i>Chairpersons</i>	Danillo Augusto, Fatma Oğuz

Hall B	
PLENARY SESSION IV	
Giving life- bone marrow / solid organ donors	
<i>Chairpersons</i>	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
<i>Chairperson</i>	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
<i>Chairpersons</i>	Marco Andreani, Luca Vago

PLENARY SESSION V	
Antigen presentation and neoantigens	
<i>Chairpersons</i>	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

<i>Chairpersons</i>	Marco Andreani, Sylvie Ferrari-Lacraz
12:00 – 12:15	19th IHIW presentation
12:15 – 12:30	Jon Van Rood award & best abstracts award
<i>Committee chair</i>	Steven Marsh
<i>Committee chair</i>	Best poster awards Stefan Schaub

LECTURE

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

Welcome to Prague and final conclusions