### Thursday, 08 September 2022

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 13:00 - 18:00 | Opening and Plenary Session | Welcome to Basel - welcome to the joint meeting of ICHS and SSAI  
President ICHS: Hans H. Hirsch  
President SSAI: Mike Recher  
The City of Basel  
Representative: NN  
Patient Organisation: Swiss Primary Immunodeficiency Patients Organisation |
| 16:00 - 18:00 | Plenary Session 1 |  
**Infection and immunity – Are you competent?**  
Chair 1: Hans H. Hirsch  
Chair 2: Mike Recher  
**The 10 Commandments of Immunity**  
Presenter 1: Rolf Zinkernagel, Zürich (CH)  
**The 10 Categories of Immunodeficiency**  
Presenter 2: Jean-Laurent Casanova, NYC/Paris |
| 18:00 - 19:30 | ICHS GENERAL ASSEMBLY |
| 19:30 - 21:30 | ICHS COUNCIL DINNER |

### Friday, 09 September 2022

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<tbody>
<tr>
<td>08:00-08:50</td>
<td>Meet the Expert 3</td>
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</table>
**SESSION TOPIC**  
Clinical and diagnostic considerations in immunocompetent vs immunodeficient patients (case-based)  
**Epidemiology and management of infections with new therapies in heme-onc and HCT (case-based)**  
**TITLE 1**  
When Imaging goes viral…Focus on Corona, CARVs and CMV  
**The new –nib on the block**  
Presenter 1: Jens Bremerich, Basel (CH)  
Georg Maschmeyer, Berlin, Germany  
**TITLE 2**  
Clinical, diagnostic and functional integration: The lung expert’s view  
**The new block on the -mab**  
Presenter 2: Daiana Stolz, Freiburg, Germany  
Johan Maertens, Leuven, Belgium |
| 09:00-10:00 | Meet the Expert 4 |  
**SESSION TOPIC**  
When too little immunity turns bad… Session dedicated to Dr. Robert Finberg  
Chair 1: Federica Sallusto, Zürich (CH)  
Chair 2: Roy Chemaly, Houston, (USA)  
**TITLE 1**  
**When things get “IFI” – clinical clues in heme-onc, HCT, and SOT**  
**The Swiss Cohort Studies: Track record and way forward**  
Presenter 1: Nina Khanna, Basel (CH)  
Nicolas Müller, ZRH (CH)  
**TITLE 2**  
Is pre-emptive anti-fungal therapy ready for prime time?  
**The Swiss Personalized Health Network**  
Presenter 2: Johann Maertens, Leuven (B)  
Adrian Egl, BS (CH)  
**TITLE 3**  
**Genetic risk stratifiers: Pentraxin paradigm and what’s in the pipeline**  
**The Persimmune study**  
Presenter 3: Pierre-Yves Bochud, Lausanne (CH)  
Jens Lundgren, CPH (DEN)  
**TITLE 4**  
**New drugs, new goals, new guidelines**  
**The Transplant iBOX**  
Presenter 4: Dimitrios Kontoyiannis, Houston (USA)  
Alexandre Loupy, Paris (F) |
| 10:00 - 10:30 | Time for Room Change |
| 10:30-11:50 | Parallel Session 3 |  
**SESSION TOPIC**  
Invasive Fungal Infections – Risk, and drugs and personalized medicine  
**Big Data - AI for Diagnosis, Risk factors and Treatment Outcomes**  
**TITLE 1**  
**When things get “IFI” – clinical clues in heme-onc, HCT, and SOT**  
**The Swiss Cohort Studies: Track record and way forward**  
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Alexandre Loupy, Paris (F) |
| 11:50 - 12:00 | Time for Room Change |
| 12:00-13:20 | Industry Lunch Symposium - Takeda |  
**SESSION TOPIC**  
When the Troll of Transplantation is out - Cytomegalovirus Diagnosis and Management  
**Lunch Break - Posters / Poster Walk/Industry Expo**  
**Presenters**  
Roy Avery, Kotton, Chemaly, Hirsch  
**ICHS Francisco M. Marty Transplantation Virology Award** |
| 13:20 - 15:00 | Parallel Session 7 |  
**SESSION TOPIC**  
The BEST OF ICHS - CORONA COMPETENCE CENTER  
**Immunity is down - just jack it up?**  
**Chair 1**  
**Chair 2**  
**TITLE**  
**Virology**  
**Solid organ**  
**Presenter 1**  
**Presenter 2**  
**Presenter 3**  
**Presenter 4**  
**x**  
**T-cell guided antiviral therapy – ready for use?**  
**Oiral Manuel, Lausanne (CH)**  
**T**  
**Transfer of antigen-specific immune effectors – Just do it!**  
**Patrizia Comoli, Pavia (ITA)**  
**Autoimmunity**  
**Systemic immunometabolism in viral infection**  
**Jose-Maria Aguado, Madrid (ES)**  
Andreas Bergthaler, Vienna (A)  
**Registration and Room Finding** |
| 15:00 - 17:00 | Time for Room Change |
| 17:00-18:00 | Parallel Session 8 |  
**SESSION TOPIC**  
The BEST OF ICHS - CORONA COMPETENCE CENTER  
**Immunity is down - just jack it up?**  
**Chair 1**  
**Chair 2**  
**TITLE**  
**Virology**  
**Solid organ**  
**Presenter 1**  
**Presenter 2**  
**Presenter 3**  
**Presenter 4**  
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**Jose-Maria Aguado, Madrid (ES)**  
Andreas Bergthaler, Vienna (A)  
**Registration and Room Finding** |
Friday, 09 September 2022, Continued

15:00 - 15:30  COFFEE BREAK

15:30-17:00  Plenary Session 3

SESSION TOPIC  When too much immunity turns bad... (Aberrant responses to microbes, drugs, and vaccines)

Chairs 1  Mike Recher, Basel (CH)

Chairs 2  Carol Kaufman, USA

TITLE  Hyperinflammation – DRESS, STATs, and Allergy

Presenter 1  Josh Milner, Bethesda (USA)

Presenter 2  Alain Fischer, Paris (F)

17:00 - 17:15  Time for Room Change

17:15-18:45  Happy Hour Symposium

18:00 - 20:00  Industry Symposium

Saturday, 10 September 2022

7:00  Registration and Room Finding

08:00-08:50  Meet the Expert 7

SESSION TOPIC  Microbe alarm before transplantation – You’re on call... (When to treat, when to defer, when to reject…)

TITLE  ...the SOT perspective

Presenter 1  Paolo Grossi, Varese (ITA)

Monica Slavin, Melbourne (AUS)

TITLE  ...the HCT perspective...

Presenter 2  Zentia Papanicolao, New York (USA)

Mario Fernández-Ruiz, Madrid (ESP)

08:50 - 09:00  Time for Room Change

09:00-10:00  Plenary Session 4

SESSION TOPIC  Corona and CoVID19 2022: State-of-the-Art in the third pandemic year after start - (Session dedicated to Dr. Francisco Marty)

Chair 1  Monica Slavin Melbourne (AUS)

Chair 2  Hans H. Hirsch, Basel (CH)

TITLE  SARS-CoV-2 and CoVID19 - Clinical trials, real-time translation and way forward

Presenter 1  Lindsey R. Baden, Boston (USA)

Presenter 2  Eddie Holmes, Melbourne (AUS)

11:00 - 10:30  COFFEE BREAK

10:30-11:50  Paralell Session 11

SESSION TOPIC  Bacterial Infections, Immune dysfunction and critical illness

Chairs 1  Nina Khanna

Maddalena Peghin, Varese (ITA)

Chairs 2  NN

NN

TITLE  Sepsis State-of-the-Art and what is unique to the immunocompromized host?

CARV pathogenesis – clues from the good, the bad, and the ugly

Presenter 1  Thierry Calandra, Lausanne (CH)

Chrisanthi Skevaki, Giessen (GER)

TITLE  Breaches in defence: cathethers, ports and implants post-transplant

How do I manage CARVs in solid organ transplant recipients?

Presenter 2  Paolo Grossi, Varese (ITA)

Mike Ison, Chicago (USA)

TITLE  MDR-bugs in heme-onc and HCT: Selection, scare and stewardship

How do I manage CARVs in heme-onc and HCT?

Presenter 3  Murat Akova, Ankara (TUR)

Mike von Lilienfeld-Toal, Jena (GER)

TITLE  MDR-bugs in solid organ transplantation: Who is at risk and why?

Perspective: Infection control, and then what: antivirals, vaccines or immunotherapy ?

Presenter 4  Jose-Maria Aguado, Madrid (ESP)

Ray Chemaly, Houston (USA)

11:50 - 12:00  Time for Room Change

12:00-13:20  Industry Lunch Symposium

MSD  Lunch Break - Posters / Poster Walk /Industry Expo

Presenters  tbd

13:20 - 13:30  Time for Room Change

13:30-15:00  Paralell Session 15

SESSION TOPIC  Hepatitis Viruses - Direct and Indirect Challenges

Chairs 1  NN

Manuel Battegay, Basel (CH)

Chairs 2  NN

NN

TITLE  Hepatitis E - Viralogy and extrahepatic manifestations in the immunocompetent

The Pandemic Challenge: Game-changer for respiratory viruses?

Presenter 1  Christine Durand, Baltimore (USA)

Natalia Halasa, Vanderbilt (USA)

TITLE  Hepatitis E - Key lessons from Transplantation

The Re-Infection Challenge: Lesson from parasites and reservoirs (Malaria)

Presenter 3  Nassim Kam, Toulouse (FR)

Claudia Daubenberger, Basel (CH)

TITLE  Hepatocellular cancer - mechanisms, personalized profiling and therapy approach

The Cure Challenge: Mission impossible or breakthrough for HIV ?

Presenter 4  Markus Heim, Basel (CH)

Francesco Simonetti, Baltimore (USA)
Saturday, 10 September 2022, Continued

Time
15:30-17:00

Paralell Session 17
SESSION TOPIC
Technical Innovations as Conceptual Game Changers in Laboratory Diagnostics (Swiss Society for Microbiology)

Chairs 1
Roy Chemaly, Houston (USA)

Chairs 2
Eddie Holmes, Melbourne (AUS)

Per Ljungman, Stockholm (SWE)

TITLE
Is Virology defining the new State-of-the-Art for all clinical labs?

Cytokine release syndrome: CAR-T cells or Sepsis?

Presenter 1
Gilbert Greub
Małgorzata Mikułska, Genua (ITA)

TITLE
Cell-free DNA and Virus replication: New concepts, challenges, and opportunities

Rare Opportunistic Infections after HCT (nocardiosis, Mycobacterial disease, toxo, etc)

Presenter 2
Karoline Leuzinger, Basel (CH)
Sanjeet Dadwal, City of Hope (USA)

TITLE
"Immunome" and infectious risk profiling: Comprehensive immune phenotyping - for whom, when and why?

T cell immunity, T cell Therapy and Viruses: What, when, and how?

Presenter 3
Dela Golshayan, Lausanne (CH)
Zenia Papnicolaou, New York (USA)

TITLE
All bugs with one shot: Metagenomics for Immunocompromised COVID-19 in HCT Recipients: specific immune effectors or antivirals?

Presenter 4
Adrian Egli, Basel (CH)
Josh Hill, Seattle (USA)

17:00 - 17:15

Happy Hour Symposium

17:15-18:45

Happy Hour Symposium

Industry Symposium

Sunday, 11 September 2022

Time
07:00

08:00-08:50

Meet the Expert 11

Meet the Expert 12

SESSION TOPIC

The mighty mold – mechanisms, manifestations, management

Do break-points: from dilution and diffusion to Maldi-ToF AI

Presenter 1

Tobias Hohl, New York (USA)

Adrian Egli, Basel (CH)

TITLE 1

Mold biology and pathogenesis

Do break-proof: optimizing treatment of immunocompromised hosts

Presenter 2

Dimitrios Kontoyiannis, Houston (USA)

Małgorzata Mikułska, Genua (ITA)

08:50 - 09:00

Plenary Session 4

SESSION TOPIC

Microbiome and Immune Dysfunction: Cause or Consequence?

Microbiome and Immunomodulation

Presenter 1

NN

Presenter 2

NN

09:00 - 10:00

SESSION TOPIC

Microbiome and Immune Dysfunction: Cause or Consequence?

Chair 1

NN

Chair 2

NN

TITLE 1

Microbiome and Immunomodulation

Microbiome and Transplantation

Presenter 1

NN

Presenter 2

NN

10:00 - 10:30

10:30-11:50

ICHS ABSTRACTS AWARDS

SESSION TOPIC

Best Abstracts of Infection & Immunity: What’s new and exciting?

Chairs 1

NN

Chairs 2

NN

TITLE 1

Clinical

Presenters 1

NN

Presenters 2

NN

TITLE 2

Diagnostics

Presenters 3

NN

TITLE 4

Diagnostic/Translational

Presenters 4

NN

TITLE 5

Translational

Presenters 5

NN

11:50 - 12:30

ABSTRACT AWARDS AND CLOSING CEREMONY

FAREWELL & WELCOME

Mike Recher, Hans H. Hirsch & Murat Akova