

22nd ICHS 2022 & 19th ANNUAL MEETING OF THE SSAI 2022 - Preliminary Program

Thursday, 08 September 2022

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

Friday, 09 September 2022

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| 7:00 | Registration and Room Finding | | | |
| 08:00-08:50 | Meet the Expert 1 | Meet the Expert 2 | Meet the Expert 3: Meet the Allergologist | Meet the Expert 4: Meet the translational immunologist |
| SESSION TOPIC | <i>Clinical and diagnostic considerations in immunocompetent vs immunodeficient patients (case-based)</i> | <i>Epidemiology and management of infections with new therapies in heme-onc and HCT (case-based)</i> | <i>Immediate type allergy</i> | <i>Targeted treatment of the immun-dysregulated patient based on molecular mechanisms</i> |
| TITLE 1 | <i>When Imaging goes viral...Focus on Corona, CARVs and CMV</i> | <i>The new –nib on the block</i> | <i>Food Allergy, what's new?</i> | <i>... in the immunodeficient patient</i> |
| Presenter 1 | Jens Bremerich, Basel (CH) | Georg Maschmeyer, Berlin, Germany | Barbara Ballmer, St.Gallen (CH) | Mike Recher, Basel (CH) |
| TITLE 2 | <i>Clinical, diagnostic and functional integration: The lung expert's view</i> | <i>The new block on the -mab</i> | <i>Understanding antibiotic allergy</i> | <i>... in the patient with asthma bronchiale</i> |
| Presenter 2 | Daiana Stolz, Basel (CH) | Johan Maertens, Leuven, Belgium | | |
| 08:50 - 09:00 | Time for Room Change | | | |
| 09:00-10:00 | Plenary Session 2 | | | |
| SESSION TOPIC | When too little immunity turns bad... Session dedicated to Dr. Robert Finberg | | | |
| Chair 1 | Roy Chemaly, Houston, (USA) | | | |
| Chair 2 | | | | |
| TITLE 1 | When immunodeficiency looks like infection... | | | |
| Presenter 1 | Steven Holland (NIAID, Bethesda, USA) | | | |
| TITLE 2 | When infection looks like immunodeficiency | | | |
| Presenter 2 | Jay Fishman (MGH, Boston, USA) | | | |
| 10:00 - 10:30 | COFFEE BREAK / POSTER WALK (Posters / Industry Expo) | | | |

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| 10:30-11:50 | Parallel Session 1 | Parallel Session 2 | Parallel Session 3 | Parallel Session 4 |
| SESSION TOPIC | <i>Invasive Fungal Infections – Risk, and drugs and personalized medicine</i> | Big Data - AI for Diagnosis, Risk factors and Treatment Outcomes | Myeloid cell dysregulation | Infections in primary immunodeficiency |
| Chairs 1 | | | | |
| Chairs 2 | | | | |
| TITLE 1 | <i>When things get “IFI” – clinical clues in heme-onc, HCT, and SOT</i> | <i>The Swiss Cohort Studies: Track record and way forward</i> | <i>Mastocytosis update</i> | <i>Overview of primary immunodeficiencies – basics</i> |
| Presenter 1 | Nina Khanna, Basel (CH) | Nicolas Müller, ZRH (CH) | Karin Hartmann, Basel (CH) | Fabio Candotti, Lausanne (CH) |
| TITLE 2 | <i>Is pre-emptive anti-fungal therapy ready for prime time ?</i> | <i>The Swiss Personalized Health initiative</i> | <i>Contribution of Eosinophils to infectious Diseases</i> | <i>Primary immunodeficiency – Infectious clues and diagnosis</i> |
| Presenter 2 | Johann Maertens, Leuven (B) | Adrian Egli, BS (CH) | | Nuizar Mahlaoui |
| TITLE 3 | <i>Genetic risk stratifiers: Pentraxin paradigm and what's in the pipeline</i> | <i>The Persimmune study</i> | <i>Histicytic disorders</i> | <i>Clinical approach to the pediatric patient – etiological and antimicrobial treatment</i> |
| Presenter 3 | Pierre-Yves Bochud, Lausanne (CH) | Jens Lundgren, CPH (DEN) | Julien Haroche , Paris (France) | Thomas Lehrnbecher, Frankfurt (GE) |
| TITLE 4 | <i>New drugs, new goals, new guidelines</i> | <i>The Transplant iBOX</i> | <i>Immune dysregulation in myelodysplastic syndrome</i> | <i>Clinical approach to the adult patient – etiological and antimicrobial treatment</i> |
| Presenter 4 | Monica Slavin, Melbourne (AUS) | Alexandre Loupy, Paris (F) | | Mike Recher, Basel (CH) |
| 11:50 - 12:00 | Time for Room Change | | | |
| 12:00-13:20 | Industry Lunch Symposium - Takeda International | Industry Lunch Symposium - CSL Behring AG | Lunch Break - Posters / Poster Walk/Industry Expo | |
| | <i>When the Troll of Transplantation is out - Cytomegalovirus Diagnosis and Management</i> | | | |
| Presenters | Avery, Kotton, Chemaly, Hirsch | | | |
| | <i>ICHS Takeda Laboratory and Clinical Virology Awards</i> | | | |
| 13:20 - 13:30 | Time for Room Change | | | |
| 13:30-15:00 | Parallel Session 5 | Parallel Session 6 | Parallel Session 7 | Parallel Session 8 |
| SESSION TOPIC | <i>The BEST OF ICHS - CORONA COMPETENCE</i> | <i>Immunity is down - just jack it up</i> | <i>Laboratory Diagnostics</i> | <i>Experimental Immunology</i> |
| Chairs 1 | | | Ingmar Heijnen, Basel (CH) | Daniela Latorre, Zürich (CH) |
| Chairs 2 | | | Luca Bernasconi, Aarau (CH) | |
| TITLE | <i>Virology</i> | <i>Treating infections with check-point inhibitors?</i> | <i>Donor-specific Antibodies: Why measure it and what we do about it</i> | <i>Systems Serology</i> |
| Presenter 1 | Roy Chemaly, Houston (USA) | | Stefan Schaub, Basel (CH) | Galit Alter, Boston (USA) |
| TITLE | <i>Solid organ</i> | <i>T-cell guided antiviral therapy – ready for use?</i> | <i>A novel functional mast cell assay for the detection of allergies</i> | |
| Presenter 2 | Robin Avery, Baltimore (USA) | Oriol Manuel, Lausanne (CH) | Alexander Eggel, Bern (CH) | |
| TITLE | <i>HCT</i> | <i>Transfer of antigen-specific immune effectors – Just do it!</i> | <i>Screening and whole-exome screening for primary immunodeficiency</i> | |
| Presenter 3 | Monica Slavin, Melbourne (AUS) | Patrizia Comoli, Pavia (ITA) | Johannes Trück, Zürich (CH) | |
| TITLE | <i>Autoimmunity</i> | <i>Systemic immunometabolism in viral infection</i> | <i>Anti-cytokine autoantibodies: When and how to measure?</i> | |
| Presenter 4 | Jose-Maria Aguado, Madrid (ES) | Andreas Bergthaler, Vienna (A) | Rainer Doffinger, Cambridge (GB) | |
| 15:00 - 15:30 | COFFEE BREAK | | | |
| 15:30-17:00 | Plenary Session 3 | | | |
| SESSION TOPIC | <i>When too much immunity turns bad... (Aberrant responses to microbes, drugs, and vaccines)</i> | | | |
| Chairs 1 | Mike Recher, Basel (CH) | | | |
| Chairs 2 | Carol Kaufman, USA | | | |
| TITLE | <i>Hyperinflammation – DRESS, STATS, and Allergy</i> | | | |
| Presenter 1 | Josh Milner, Bethesda (USA) | | | |
| TITLE | <i>Hemophagocytic Syndrome - Infections as cause, innocent by-stander or co-pathogen</i> | | | |
| Presenter 2 | Alain Fischer, Paris (France) | | | |
| 17:00 - 17:15 | Time for Room Change | | | |

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| 17:15-18:45 | Industry Afternoon Symposium - GlaxoSmithKline AG | Industry Afternoon Symposium - Mundipharma | Posters / Poster Walk/Industry Expo | |
| Presenters | | | | |
| Saturday, 10 September 2022 | | | | |
| 7:00 | Registration and Room Finding | | | |
| 08:00-08:50 | Meet the Expert 5 | Meet the Expert 6 | Meet the Expert 7: Meet the Aerobiologists | Meet the Expert 8: Meet the Swiss Young Immunologists (SYIS) |
| SESSION TOPIC | <i>Microbe alarm before transplantation – You're on call... (Case-based - When to treat, when to defer, when to reject...)</i> | <i>How immunocompromised is your patient ? (case-based)</i> | <i>Infection and respiratory allergy</i> | <i>Next generation immunologists</i> |
| TITLE 1 | <i>...the SOT perspective</i> | <i>Which clinical criteria inform my daily practice ?</i> | <i>Pollen exposure in allergic as well as non allergic subjects increases the susceptibility to respiratory viral infection, including to SARS-CoV-2</i> | <i>Best SYIS abstract 1+2</i> |
| Presenter 1 | Paolo Grossi, Varese (ITA) | Monica Slavin, Melbourne (AUS) | Stefanie Gillies, Munich (Germany) | |
| TITLE 2 | <i>...the HCT perspective...</i> | <i>Which specific/adjunctive tests inform diagnosis and management ?</i> | <i>Respiratory viral infection increases the risk of developing respiratory allergies</i> | <i>Best SYIS abstract 3+4</i> |
| Presenter 2 | Zenia Papanicolaou, 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 | <i>Corona and CoVID19 2022: State-of-the-Art in the third pandemic year after start - (Session dedicated to Dr. Francisco Marty)</i> | | | |
| Chair 1 | Monica Slavin Melbourne (AUS) | | | |
| Chair 2 | Hans H. Hirsch, Basel (CH) | | | |
| TITLE 1 | <i>SARS-CoV-2 and CoVID19 – Clinical trials, real-time translation and way forward</i> | | | |
| Presenter 1 | Lindsey R. Baden, Boston (USA) | | | |
| TITLE 2 | <i>SARS-CoV-2 and CoVID19 – Reservoirs, evolution and control</i> | | | |
| Presenter 2 | Eddie Homes, Melbourne (AUS) | | | |
| 10:00 - 10:30 | COFFEE BREAK / POSTER WALK (Posters / Industry Expo) | | | |
| 10:30-11:50 | Paralell Session 9 | Paralell Session 10 | Paralell Session 11 | Paralell Session 12 |
| SESSION TOPIC | <i>Bacterial Infections, Immune dysfunction and critical illness</i> | <i>Community-acquired respiratory viruses in immunocompromized Hosts</i> | <i>The immunodysregulated skin</i> | <i>Epstein-Barr Virus and associated Diseases</i> |
| Chairs 1 | Nina Khanna, Basel (CH) | | Alexander Navarini, Basel (CH) | |
| Chairs 2 | | | Peter Schmid, Zuerich (CH) | |
| TITLE 1 | <i>Sepsis State-of-the-Art and what is unique to the immunocompromised host?</i> | <i>CARV pathogenesis – clues from the good, the bad, and the ugly</i> | <i>Disseminated Papillomavirus Warts</i> | <i>Epstein-Barr Virus - Biology of invasion, stealth and resurrection</i> |
| Presenter 1 | Thierry Calandra, Lausanne (CH) | Chrysanthi Skevaki, Giessen (GER) | Vivien Béziat, Paris (Fr) | Christian Muenz, Zürich (CH) |
| TITLE 2 | <i>Breaches in defence: catheters, ports and implants post-transplant</i> | <i>How do I manage CARVs in solid organ transplant recipients?</i> | <i>Atopic dermatitis</i> | <i>ADA2 deficiency: EBV lymphoproliferation and much more</i> |
| Presenter 2 | Paolo Grossi, Varese (ITA) | Mike Ison, Chicago (USA) | Patrick M Brunner, Vienna (AU) | Isabelle Meyts, Leeuven (Be) |
| TITLE 3 | <i>MDR-bugs in heme-onc and HCT: Selection, scare and stewardship</i> | <i>How do I manage CARVs in heme-onc and HCT?</i> | <i>Psoriasis</i> | <i>EBV diseases in transplantation</i> |
| Presenter 3 | Murat Akova, Ankara (TUR) | Marie von Lilienfeld-Toal, Jena (GER) | | Cedric Hirzel, Berne (CH) |
| TITLE 4 | <i>MDR-bugs in solid organ transplantation: Who is at risk and why?</i> | <i>Perspective: Infection control, and then what: antivirals, vaccines or immunotherapy ?</i> | <i>Resident memory T cells in the skin</i> | <i>Hyperinflammation and autoimmunity - when common leads to severe</i> |
| Presenter 4 | Jose-Maria Aguado, Madrid (ESP) | Roy Chemaly, Houston (USA) | | |
| 11:50 - 12:00 | Time for Room Change | | | |
| 12:00-13:20 | Industry Lunch Symposium - MSD | Industry Lunch Symposium - Moderna | Lunch Break - Posters / Poster Walk/Industry Expo | |
| Presenters | | | | |
| 13:20 - 13:30 | Time for Room Change | | | |

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| 13:30-15:00 | Paralell Session 13 | Paralell Session 14 | Paralell Session 15 | Paralell Session 16 |
| SESSION TOPIC | <i>Hepatitis Viruses - Direct and Indirect Challenges</i> | <i>Best vaccination for Prevention, Control or Therapy</i> | <i>Interferons: The good, the bad, the ugly</i> | <i>Tumor immunology</i> |
| Chairs 1 | | | | |
| Chairs 2 | | | | |
| TITLE | <i>Transplantation with HCV – Milestones on the way to the new normal</i> | <i>The Pandemic Challenge: Game-changer for respiratory viruses?</i> | <i>A decade of interferonopathies</i> | <i>Fueling magnesium to fight against cancer via LFA-1</i> |
| Presenter 1 | Christine Durand, Baltimore (USA) | Natasha Halasa, Vanderbilt (USA) | Raphaella Goldbach-Mansky, Bethesta (USA) | Christoph Hess, Basel (CH) |
| TITLE | <i>Hepatitis E - Virology and extrahepatic manifestations in the immunocompetent</i> | <i>The Reactivation challenge: CMV and other herpesviruses in patients at risk</i> | <i>Interferon dependent immunopathology in COVID-19</i> | <i>The checkpoint after the next checkpoint: TIM-3 related diseases and therapeutics</i> |
| x | Darius Moradpour, Lausanne (CH) | Per Ljungman Stockholm (SWE) | | Karen Dixon, Harvard (USA) |
| TITLE | <i>Hepatitis E - Key lessons from Transplantation</i> | <i>The Re-Infection Challenge: Lesson from parasites and reservoirs (Malaria)</i> | <i>What can we learn about type I interferons from murine models</i> | <i>Biased Interleukin-2 immunotherapy against poorly-immunogenic and metastatic cancer</i> |
| Presenter 3 | Nassim Kamar, Toulouse (CH) | Claudia Daubenberger, Basel (CH) | Karl Lang, Essen (Ge) | Onur Boyman, Zürich (CH) |
| TITLE | <i>Hepatocellular cancer - mechanisms, personalized profiling and therapy approach</i> | <i>The Cure Challenge: Mission impossible or breakthrough for HIV ?</i> | <i>Pathogen recognition and interferon production (old and new sensors)</i> | |
| Presenter 4 | Markus Heim, Basel (CH) | Francesco Simonetti, Baltimore (USA) | Jana Pachlopnik, Zuerich (CH) | |
| 15:00 - 15:30 | COFFEE BREAK | | | |
| 15:30-17:00 | Paralell Session 17 | Paralell Session 18 | SSAI General Assembly | |
| SESSION TOPIC | <i>Technical or Conceptual Game Changers in Laboratory Diagnostics (Swiss Society for Microbiology)</i> | <i>Infections after Hematopoietic Cell Transplantation (ASTCT and EBMT-sponsored session)</i> | | |
| Chairs 1 | | Roy Chemaly | | |
| Chairs 2 | | Rafa De la Camara | | |
| TITLE | <i>Is Virology defining the new State-of-the-Art for all clinical labs?</i> | <i>Cytokine relases syndrome: CAR-T cells or Sepsis?</i> | | |
| Presenter 1 | | Malgorzata Mikulska, Genua (ITA) | | |
| TITLE | <i>Cell-free DNA and Virus replication: New concepts, challenges, and opportunities</i> | <i>Rare Opportunistic infections after HCT (nocardiosis, Mycobacterial disease, toxo, etc)</i> | | |
| Presenter 2 | Karoline Leuzinger, Basel (CH) | Dina Averbuch, Tel Aviv (ISR) | | |
| TITLE | <i>Comprehensive immune phenotyping - the Immunome: for whom, when and why?</i> | <i>T cell Immunity, T cell Therapy and Viruses: What, when, and how?</i> | | |
| Presenter 3 | Déla Golshayan, Lausanne (CH) | Zenia Papanicolaou, New York (USA) | | |
| TITLE | <i>Metagenomics for Immunocompromised</i> | <i>COVID-19 in HCT Recipients: specific immune effectors or antivirals?</i> | | |
| Presenter 4 | Adrian Egli, Basel (CH) | Sanjeet Dadhwal, City of Hope (USA) | | |
| 17:00 - 17:15 | Time for Room Change | | | |
| 17:15-18:45 | Industry Afternoon Tea Symposium - Novartis Pharma Schweiz AG | Industry Afternoon Tea Symposium - Takeda Pharma AG | | |
| | <i>Chronic spontaneous urticaria</i> | | | |
| Presenters | | | | |
| 19:00-23:00 | RHINE RIVER CRUISE NETWORKING EVENT | | | |
| | ICHS YOUNG INVESTIGATOR AWARD | | SSAI Award | |
| | ICHS LIFE TIME ACHIEVEMENT AWARD | | SYIS Award | |

Sunday, 11 September 2022

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| 7:00 | Registration and Room Finding | | | |
| 08:00-08:50 | Meet the Expert 9 | Meet the Expert 10 | Meet the expert 11: Meet the vaccinologist | Meet the expert 12: Meet the ENT specialist |
| SESSION TOPIC | <i>The mighty mold – mechanisms, manifestations, management (Case-based)</i> | <i>Don't crack under pressure... (Case-based)</i> | <i>The difficult to vaccine</i> | <i>Chronic rhinosinusitis</i> |
| TITLE 1 | <i>Mold biology and pathogenesis</i> | <i>Do break points: from dilution and diffusion toaldi-ToF AI</i> | <i>Vaccination in the immunodeficient</i> | <i>Differential diagnosis of chronic rhinosinusitis</i> |
| Presenter 1 | Tobias Hohl, New York (USA) | Adrian Egli, Basel (CH) | Christoph Berger, Basel (CH) | |
| TITLE 2 | <i>Clinical manifestations and management</i> | <i>Do break-proof: optimizing treatment of immunocompromised hosts</i> | <i>Allergy to vaccines incl. COVID mRNA vaccines</i> | <i>Chronic rhinosinusitis caused by antibody deficiency</i> |
| Presenter 2 | Thomas Lehrnbecher, Frankfurt (GER) | Malgorzata Mikulska, Genua (ITA) | | |
| 08:50 - 09:00 | Time for Room Change | | | |
| 09:00-10:00 | Plenary Session 5 | | | |
| SESSION TOPIC | Epigenetic and Microbiome Immune Regulation | | | |
| Chair 1 | | | | |
| Chair 2 | | | | |
| TITLE 1 | <i>What can we learn from inborn errors of epigenetic regulators?</i> | | | |
| Presenter 1 | Bodo Grimbacher, Freiburg (Ge) | | | |
| TITLE 2 | <i>Gut-feelings: Microbiome and Transplantation</i> | | | |
| Presenter 2 | NN | | | |
| 10:00 - 10:30 | COFFEE BREAK | | | |
| 10:30-11:50 | ICHS ABSTRACTS AWARDS | | SSAI ABSTRACTS AWARDS | |
| SESSION TOPIC | <i>Best Abstracts of Infection & Immunity: What's new and exciting?</i> | | <i>Best Abstracts of Infection & Immunity: What's new and exciting?</i> | |
| Chairs 1 | | | | |
| Chairs 2 | | | | |
| TITLE 1 | <i>Clinical</i> | | <i>Clinical</i> | |
| Presenter 1 | | | | |
| TITLE 2 | <i>Clinical</i> | | <i>Clinical</i> | |
| Presenter 2 | | | | |
| TITLE 3 | <i>Diagnostics</i> | | <i>Diagnostics</i> | |
| Presenter 3 | | | | |
| TITLE 4 | <i>Diagnostic/Translational</i> | | <i>Diagnostic/Translational</i> | |
| Presenter 4 | | | | |
| TITLE 5 | <i>Translational</i> | | <i>Translational</i> | |
| Presenter 5 | | | | |
| 11:50 - 12:30 | ABSTRACT AWARDS AND CLOSING CEREMONY | | | |
| | FAREWELL & OUTLOOK | | | |
| | Mike Recher, Hans H. Hirsch & Murat Akova | | | |