

Donnerstag / Jeudi / Thursday 01.09.2022:

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| 08:30 – 09:00 | Begrüssungs-Kaffee und Registration / Café de bienvenue et enregistrement / Welcome coffee and registration |
| 09:00 – 09:05 | Eröffnung des Kongresses / Ouverture du congrès / Opening of the congress Stefano Fontana, Kongresspräsident / président du congrès / congress president |
| 09:05 – 09:15 | Grusswort / Allocution / Welcome Bernhard Wegmüller, Direktor Blutspende SRK Schweiz / Directeur Transfusion CRS Suisse / Director Swiss Transfusion SRC Switzerland Andreas Buser, Präsident SVTM / président ASMT / president SATM |
| Session 1: the era of cellular therapies (100 min) SBSC <i>Chairs: Grazia Nicoloso & Antonia Maria Müller</i> | |
| 09:15 – 09:40 | Virus-specific T cells , Nina Khanna (Online Zuschaltung) (D) |
| 09:40 – 10:05 | CAR T cell therapies for hematologic malignancies , Caroline Arber (E) |
| 10:05 – 10:30 | The perfect stem cell donor , Gayathri Nair (D) |
| 10:30 – 10:55 | Cell therapies for the treatment of solid cancers , Heinz Läubli (E) |
| 10:55 – 11:25 | Pause / pause / break |
| Session 2: blood products of the future (90 min) <i>Chairs: Beat M. Frey & Soraya Amar</i> | |
| 11:25 – 11:55 | Overview of future blood products , Michel Prudent (F) |
| 11:55 – 12:25 | French lyophilized plasma : curent uses and perspectives , Jean-Jacques Lataillade (F) |
| 12:25 – 12:55 | Generation of genetically engineered and stem-cell-derived Megakaryocytes and Platelets , Constanca Ferreira de Figueiredo (E) |
| 12:55 – 14:00 | Mittag / Midi / lunch |
| Session 3: clinical use of blood and blood derived products (90 min) <i>Chairs: Stefano Fontana & Andreas Buser</i> | |
| 14:00 – 14:25 | Fetale RHD-Bestimmung ermöglicht gezielte Anti-D-Prophylaxe , Sofia Lejon Crottet und Markus Hodel (D) |
| 14:25 – 14:50 | Patient Blood Management Up to Date , Daniel Bolliger (D) |
| 14:50 – 15:15 | Protocoles de transfusion massive , Fanny Bonhomme (F) |
| 15:15 – 15:40 | SerumAugentropfen – 10 Jahre Erfahrung – Zukunftsperspektiven , Birgit S. Gathof (D) |
| 15:40 – 16:10 | Pause / pause / break |

Session 4: POSTERWALK (60 min)
 Chairs: Laura Infanti & Sophie Waldvogel

| | Erdgeschoss / Rez-de-chaussée / Ground floor | 1. Stock / 1er étage / 1st floor |
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| 16:10 – 16:16 | Characterization of two novel rh variant alleles <u>Lejon Crottet S</u> , Kräuchi R, Stettler J, Niederhauser C, Waldvogel S, Levrat E, Henny C | Antibody response and viral evolution after plasma therapy in B-cell depleted COVID-19 patients Rufer N, Pillonel T, Gerasimos T, Battola D, Dumas D, Opota O., Fontana S, Vollenweider P, Manuel O, Greub G, Bertelli C, Gachoud D |
| 16:16 – 16:22 | Identification of the RHD*01W.150 allele in several unresolved RH1 variant cases <u>Lejon Crottet S</u> , Rihsling, A, Kräuchi R, Niederhauser C, Henny C | Blood bag temperature monitoring system to mitigate wastage Finger M, Hilger W |
| 16:22 – 16:28 | Ten years of donor RHD screening in Switzerland Henny C*, Engstroem C*, Gassner C, Still F, Gottschalk J, Sigurdardottir S, Frey B.M, Niederhauser C, Hustinx H, Meyer S* and Lejon Crottet S* * equal contribution | A case of severe ceftriaxone-induced immune hemolytic anemia <u>Song Y-L</u> , Felber M, Zorbas A, Schmutzger M, Frey B.M, Engström C |
| 16:28 – 16:34 | A Case of RhD Antigen Blocking in a Newborn with severe HDFN <u>Roininen S.M</u> , Frick M, Heim N, Frey B.M, Heer S, Zürcher M, Meyer S, Engström C | Evaluation of SARS-CoV-2 post-donation Information Transfusion Risk <u>Rihsling A</u> , Jaspersen A, Gowland P, Widmer N, Stolz M, Tinguely C, Niederhauser C, Fontana S |
| 16:34 – 16:40 | Flowcytometry-based phagocytosis assay of DAT+ erythrocytes as in-vitro surrogate for immune-mediate <u>Meyer E</u> , Merki Y, Meyer S, Frey B.M | Buffy Coats pooling for the preparation of platelet concentrates: from “Train” to “Octopus” <u>Martin A</u> , Dögnitz N, Hilger W, Feldmann J, Muhtari S, Aegerter P, Prudent M |
| 16:40 – 16:46 | Safety Type and Screen analyses from discarded CVC samples <u>Mihm B</u> , Schütz P, Sigle J-P | Introduction of a new digital traceability system for the blood manufacturing process <u>Borri M</u> , Feliciani A, Fontana S |
| 16:46 – 16:52 | RHD donor screening in Switzerland: Resolving novel alleles by nanopore-sequencing <u>Sigurdardottir S</u> , Thun G.A, Dinkel S, Gueuning M, Neuenschwander K, Engström C, Weingand T, Frey B.M, Mattle-Greminger M.P, Meyer S | Process improvements in the platelet concentrate preparation from buffy coats <u>Muhtari S</u> , Dögnitz N, Wicki A |
| 16:52 – 16:58 | Discovery and phasing of a novel null allele in a FY*A/FY*B individual with Nanopore sequencing <u>Gourri E</u> , Thun G.A, Trost N, Gueuning M, Merki Y, Neuenschwander K, Engström C, Frey B.M, Mattle-Greminger M.P, Meyer S | The effect of the donor’s and recipient’s sex on red blood cells during transfusion simulations <u>Laengst E</u> , Crettaz D, Tissot J-D, Prudent M |
| 16:58 – 17:04 | Nanopore sequencing to resolve Kidd blood group discrepancies <u>Gueuning M</u> , Schneider L, Thun G.A, Trost N, Sigurdardottir S, Engström C, Rizzi G, Merki Y, Neuenschwander K, Gassner C, Frey B.M, Mattle-Greminger M.P, Meyer S | Why do many first-time donors not come back? Online survey among lapsing first-time donors <u>Abächerli C</u> |
| 17:04 – 17:10 | Nanopore sequencing finds novel regulatory ABO variant causing mixed-field agglutination in AB donor Thun G.A, Gueuning M, Sigurdardottir S, Meyer E, Gourri E, Schneider L, Engström C, Sigle J-P, Frey B.M, Meyer S, Mattle-Greminger M.P | |
| 17:30 – 18:00 | SVTM Generalversammlung / Assemblée générale de l'ASMT (30 min) | |
| Ab 19:00 | Apéro Banquet im Kulturhof Schloss Köniz Separate Anmeldung! / Inscription séparée! / separate registration! | |

Freitag / Vendredi / Friday, 02.09.2022:

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|---------------------------|---|---|
| 08:15 – 08:30 | Begrüßungs-Kaffee / Café de bienvenue / Welcome coffee | |
| | <i>Erdgeschoss / Rez-de-chaussée / Ground floor</i> | <i>2. Stock / 2ème étage / 2nd floor</i> |
| | <i>Wissenschaftliches Programm / programme scientifique scientific program</i> | <i>Fachberufliche Session / contenu professionnel spécifique Profession-specific content</i> |
| Session 5 (90 min) | | |
| | <i>Klinische Transfusionsmedizin & neue Produkte/ selected oral presentations part 1</i> <i>Chairs: Michael Daskalakis & Adrian Bachofner</i> | <i>Am Anfang steht die Blutspenderin der Blutspender</i> <i>Chairs: Adrian Fluri & Maruska Bossalini</i> |
| 08:30 – 09:00 | Pädiatrie-Transfusionen , Volker Witt (D,E) | Kann die Sprache die Motivation der Blutspenderinnen und Blutspender beeinflussen? (Neurokommunikation) , André Roggli (D) |
| 09:00 – 09:15 | Evaluation of thawed amotosalen-UVA pathogen inactivated plasma Payrat J-M, Mufti N, Evans H, Erickson A | Digitaler Spenderservice Erfahrungen aus Deutschland , Benjamin Albrecht (Online Zuschaltung) (D) |
| 09:15 – 09:30 | Single center experience with autologous collections for Serum Eye Drops Pehlic V, Holbro A, Meyer P, Deuster S, Loesch U, Stehle G, Buser A, Infanti L | |
| 09:30 – 09:45 | Innovative platelet biotinylation processes and their impacts on storage in a blood bank environment Muret C, Crettaz D, Martin A, Aliotta A, Bertaggia Calderara D, Alberio L, Prudent M | Generation Z und Alpha - Blutspender:innen von morgen , Yannik Blättler (D) |
| 09:45 – 10:00 | Opening of the first milk bank in Romandy: a milk bank and blood bank collaboration Martin A, Barin J, Richard C, Henriot I, Legardeur H, Grandbastien B, Touati J, Vuignier J, Tolsa J-F, Fischer Fumeaux C, Prudent M | |
| 10:00 – 10:30 | Pause / pause / break | |

Freitag / Vendredi / Friday, 02.09.2022:
Session 6 (90 min)

Erdgeschoss / Rez-de-chaussée / Ground floor
2. Stock / 2ème étage / 2nd floor
**Wissenschaftliches Programm / programme scientifique
scientific program**
**Fachberufliche Session / contenu professionnel spécifique
Profession-specific content**
**Immunhämatologie & Transfusionssicherheit/ selected oral
presentations part 2**
Chairs : *Giorgia Canellini & Christoph Gassner*
Supply Chain - wohin geht die Reise
Chairs: *Andreas Wicki & Mauro Borri*

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| 10:30 – 11:00 | Ein immunhämatologisches Duett, Erwin Scharberg und Peter Bugert (D) | Digitalisierung: Status Quo und Ausblick, Matthias Stürmer (D) |
| 11:00 – 11:30 | Food chain control and Hepatitis E transfusion risk in Ticino <i>Fontana S, Ripellino P, Niederhauser C, Widmer N, Gowland P, Aprile M, Bihl F</i> | Logistik mit autonomen Technologien im Gesundheitsmarkt, Andrea Marrazzo (D) |
| 11:30 – 11:45 | Learnings from a systematic transfusion audit program in hospitals of the Svizzera Italiana <i>Tiraboschi P, Motta M, Fontana S</i> | Lean Healthcare Management – Einblick, Thomas Knecht (Online Zuschaltung) (D) |
| 11:45 – 12:00 | Reference sequences for ABO alleles by long-read sequencing reveal putative A1-diagnostic variants <i>Mattle-Greminger M.P, Gueuning M, Thun G.A, Wittig M, Galati A-L, Meyer S, Trost N, Gourri E, Fuss J, Sigurdardottir S, Merki Y, Neuenschwander K, Busch Y, Trojok P, Schäfer M, Gottschalk J, Franke A, Gassner C, Peter W, Frey B.M</i> | |

12:00 - 13:15 **Mittag / Midi / lunch**

Session 7 (90 min)

Blood safety and blood supply

 Chairs: *Christoph Niederhauser & Emmaneul Levrat*
Qualitätssicherung und der Mensch

 Chairs: *Raoul Brem & Andreas Glauser*

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| 13:15 – 13:45 | Hepatitis E - neue Entwicklungen und Perspektiven, Darius Moradpour (D) | Sécurité des produits sanguins par l'inactivation des pathogènes : principe et pratique, Michel Prudent (F) |
| 13:45 – 14:15 | Supply of plasma and use of plasma derived medicinal products in Europe: strategic and ethical aspects, Vincenzo de Angelis (E) | Qualitätssicherung und der Mensch, Heinrich A. Bieler (D) |
| 14:15 – 14:45 | Ethnic diversity from the perspective of blood donation, Laura Infanti (D) | Digitale Q-Systeme, Martin Burgener (D) |

14:45 – 15:15 **Pause / pause / break**

15:15 – 15:20 **Preisverleihung - Best abstracts (oral presentations & Poster)**

15:20 – 15:50 **Besser fix als fertig!** - Dr. Bernd Hufnagl
Neurowissenschaftliche und evolutionsbiologische Erkenntnisse für einen „hirngerechten“ Umgang mit unseren Lebens- und Arbeitsbedingungen

15:55 – 16:00 **Ende des Kongress / Fin du congrès / End of the congress**