

SSH SGH SSE Bahnhofplatz 4 CH-8001 Zürich

March 2017

SSH Annual Meeting: Invitation

Dear SSH member,

I am pleased to invite you to our annual meeting, taking place together with the SSGIM spring congress in Lausanne at SwissTech Convention Center, from 4-5 May 2017.

The program will be dealing with state-of-the-art scientific and practice-oriented topics. This year we have dedicated one session to SSH's 70th anniversary. The SSH general assembly will be held on 4 May before lunch.

The SSH annual meeting offers a unique platform to all SSH members to get updated, meet and connect. I am looking forward to your participation and I would be very pleased if you could also join us at our gala dinner on the evening of 4 May.

Yours sincerely,



Prof. Dr. med. Jakob R. Passweg MS

President

SSH SGH SSE

Swiss Society of Hematology
Schweizerische Gesellschaft für Hämatologie
Société Suisse d'Hématologie
Società Svizzera di Ematologia

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Program**Thursday, 4 May 2017****10:00 Presidential Symposium SSH****Co-Chairs: J. Passweg, J.-P. Grob**

Welcome, introduction

Award ceremony SSH prizes

Award ceremony SSH/Roche hemostasis poster prize

Presentations of prize winners

C. Kalberer, A. Paczulla, R. Prince, J. Wilbs

10:45 Ellermann Symposium**Co-Chairs: A. Angelillo-Scherrer, A. Sarraj**

Welcome, introduction

Award ceremony Ellermann Prize

Life at the end of the chromosomes: Telomeres and telomerase in hematopoiesis G. Baerlocher

11:15 General Assembly SSH12:15  Lunch**13:45 Symposium: Modern diagnostics****Co-Chairs: M. Manz, M. Duchosal**

Welcome, introduction

Genetic tools in onco-hematology

J. Schoumans

Next generation sequencing

P. Lundberg

Cytometry and MRD diagnosis: where do we stand?

T. Matthes

15:00 Ceremony: 70 years SSH**Co-Chairs: J. Passweg, J.-P. Grob**

A look back

A. Tichelli

A look into the future

M. Manz

15:45  Coffee break**16:15 Quick oral presentations****Co-Chairs: Y. Chalandon, A. Rovó**

3 minutes presentation of each abstract, max 3 slides per abstract

17:45 *End of meeting*19:30 *Apéro & gala dinner at the Lausanne Palace*

Program

Friday, 5 May 2017

08:30 Free contributions SSH: Experimental hematology Co-Chairs: C. Lengerke, A. Theocharides

09:30 Poster presentations *and prolonged coffee break*

10:45 Free contributions SSH:
Hemostasis, vascular biology, transfusion medicine Co-Chairs: A. Buser, D. Tsakiris

11:45 Free contributions SSH: Clinical hematology Co-Chairs: M. Duchosal, M. Ebnöther

12:45  Lunch

13:30 *Farewell & poster dismantling*

General Information

Date, Time

Thursday, 4 May 2017, 10:00 to 17:45

Friday, 5 May 2017, 8:30 to 14:00

Venue

Together with SGAIM Frühjahrskongress 2017 /
avec congrés de printemps SSMIG 2017

SwissTech Convention Center

Quartier Nord de l'EPFL, Route Louis-Favre 2

1024 Ecublens

Room: Salle 2

Registration

Please register online: www.sgaim.ch

Participation fee

<http://veranstaltungen.sgaim.ch/2017/deutsch/fruehjahrskongress/registrieren-hotel/>

Gala dinner on 4 May 2017

CHF 90 / CHF 50 reduced fee for assistant doctors

19:30 Apéro, 20:00 Gala dinner, at the Lausanne
Palace, Rue du Grand-Chêne 7, 1003 Lausanne

Meeting language

English

Secretariat

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Organization

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Speakers

Prof. Dr. med. Anne Angelillo-Scherrer, Inselspital

Prof. Dr. med. Gabriela Baerlocher, Inselspital

PD Dr. med. Andreas Buser, USB

Prof. Dr. med. Yves Chalandon, HUG

Prof. Dr. med. Michel Duchosal, CHUV

Dr. med. Monika Ebnöther, St. Claraspital

Dr. med. Jean-Philippe Grob, Lausanne

Dr. Christian Kalberer, USB

Prof. Dr. med. Claudia Lengerke, USB

Dr. Pontus Lundberg, USB

Prof. Dr. med. Markus G. Manz, USZ

Prof. Dr. med. Thomas Matthes, HUG

Anna Paczulla, Universität Basel

Prof. Dr. med. Jakob R. Passweg MS, USB

Raja Prince, Universität Bern

PD Dr. med. Alicia Rovó, Inselspital

Dr. med. Amira Sarraj, SRNJS CRS

Prof. Dr. med. Jacqueline Schoumans, CHUV

Dr. med. Alexandre Theocharides, USZ

Prof. Dr. med. André Tichelli, USB

Prof. Dr. med. Dimitrios Tsakiris, USB

Jonas Wilbs, EPFL

Abstracts

SSH prize: Clinical hematology

Title	Authors
Cellular immunotherapy with multiple infusions of ex vivo expanded haploidentical natural killer cells after autologous transplantation for patients with plasma cell myelom	<u>Christian Kalberer</u> ¹ , Alessia Bottos ¹ , Astrid Tschan-Plessl ¹ , Aleksandra Wodnar-Filipowicz ² , Martin Stern ¹ , Dimitrios Tsakiris ¹ , Jakob Passweg ¹

SSH prize: Experimental hematology

Title	Authors
CDX2 promotes leukemogenesis by modulating leukemic cell - BM niche interactions	<u>Anna Paczulla</u> ¹ , Marcelle Ndoh Mbarga ¹ , Leticia Quintanilla-Martinez ² , Lothar Kanz ³ , Claudia Lengerke ^{1,4}

SSH/Roche hemostasis poster prize: Hemostasis, vascular biology, transfusion medicine

Title	Authors
Development of a peptide macrocycle factor XII inhibitor for safe anticoagulation therapy	<u>Raja Prince</u> ^{1,2} , <u>Jonas Wilbs</u> ³ , Simon J. Middendorp ³ , Christian Heins ³ , Anne Angelillo-Scherrer ^{1,2}

Quick oral presentations

Title	Authors
Thromboembolic events in patients with ITP	Céline Moret ¹ , André Tichelli ² , Anne Angelillo-Scherrer ³ , <u>Alicia Rovó</u> ³
Mice generated by in vitro fertilization show a reduced platelet count accompanied by a heightened response to thrombin	<u>Simona Stivala</u> ¹ , Theo Meister ² , Rodrigo Soria Maldonado ² , Sara Gobbato ¹ , Nicole Bonetti ¹ , Giovanni Camici ³ , Thomas F Lüscher ⁴ , Urs Scherrer ² , Jürg H Beer ^{1,5}
Effects of chronic viral infections on the functional and structural integrity of bone marrow stromal networks	<u>Stephan Isringhausen</u> ¹ , Nike Kraeutler ² , Ute Suessbier ¹ , Patrick Helbling ¹ , Álvaro Gomáriz ¹ , Larisa Kovtonyuk ¹ , Hui Chyn Wong ¹ , Annette Oxenius ² , Markus Manz ¹ , Cesar Nombela Arrieta ¹
Hematopoietic stem cell transplant-associated thrombotic microangiopathy and acute graft-versus-host disease	Sarah Kraft ¹ , Noémi Bollinger ¹ , Benjamin Bodenmann ¹ , Dominik Heim ¹ , Jakob Passweg ¹ , Christoph Bucher ¹ , Claudia Lengerke ¹ , Alexandar Tzankov ² , <u>Michael Medinger</u> ¹
A model of platelets in the aging organism reveals increased numbers and enhanced activatability, possibly mediating a larger stroke burden	<u>Nicole Bonetti</u> ¹ , Simona Stivala ¹ , Sara Gobbato ¹ , Martin F Reiner ^{1,2} , Thomas F Lüscher ³ , Giovanni G Camici ¹ , Jürg H Beer ^{1,2}
Autophagy pathways active during APL therapy - identification of key autophagic networks	<u>Magali Humbert</u> , Jin Jing, Deborah Krauer-Shan, Mario P. Tschan
Effects of the sympathicomimetic agonist mirabegron on disease course, allele burden, marrow fibrosis, and nestin positive stem cell niche in patients with JAK2-mutated myeloproliferative neoplasms: a prospective multicenter phase II trial SAKK 33/14	<u>Beatrice Drexler</u> ¹ , Jakob R. Passweg ¹ , Martin Bigler ² , Alexandre P. A. Theocharides ³ , Nathan Cantoni ⁴ , Peter Keller ⁵ , Georg Stuessi ⁶ , Axel Rüfer ⁷ , Rudolf A. Benz ⁸ , Geneviève Favre ⁹ , Alexandar Tzankov ¹⁰ , Pontus Lundberg ¹ , Andrea Fuhrer ² , Christine Biaggi ² , Markus G. Manz ¹¹ , Mario Bargetzi ¹² , Simon Mendez-Ferrer ^{13,14} , Radek C. Skoda ¹⁵ , Swiss Group for Clinical Cancer Research (SAKK)
Utility of thromboelastometry analysis in patients with mild bleedings disorders	<u>Anna Wieland Greguare-Sander</u> ^{1,2} , Walter A. Wuillemin ^{1,3} , Michael Nagler ²
Establishment of a patient-derived myelofibrosis	<u>Veronika Lysenko</u> ¹ , Nicole Wildner ¹ , Richard A. Flavell ² , Markus G. Manz ¹ , Alexandre

xenograft mouse model	Theocharides ¹
Targeting the MAPK signaling pathway with Cobimetinib (GDC-0973) enhances the anti-leukemia efficacy of the MDM2-inhibitor Idasanutlin (RG-7388) in acute myeloid leukemia	<u>Miguel A.T. Marques</u> ¹ , Katja Seipel ² , Beatrice U. Mueller ² , Thomas Pabst ¹
Different anticoagulant effects despite similar Rivaroxaban plasma concentrations in individual obese patients	<u>Debora Bertaggia Calderara</u> ¹ , Dino Kröll ² , Christiane Gerscheimer ¹ , Nicole Nicolas ¹ , Philipp Nett ² , Guido Stirnimann ² , Lorenzo Alberio ¹
Applying 3D quantitative microscopy to study global topography and cellular interactions in the bone marrow	Álvaro Gomáriz ¹ , Patrick Helbling ² , Stephan Isringhausen ² , Ute Suessbier ² , Anton Becher ³ , Andreas Boss ³ , Gregory Paul ⁴ , Orcun Goksel ⁴ , Gabor Szekely ⁴ , Szymon Stoma ⁵ , Simon Nørrelykke ⁵ , Markus Manz ¹ , <u>Cesar Nombela Arrieta</u> ²
Use of first or second generation TKI for CML after allogeneic hematopoietic stem cell transplantation: a study by the CMWP of the EBMT	<u>Yves Chalandon</u> ^{1,2} , Simona Iacobelli ³ , Jennifer Hoek ⁴ , Linda Koster ⁴ , Liisa Volin ⁵ , Jürgen Finke ⁶ , Jan J Cornelissen ⁷ , Ibrahim Yakoub-Agha ⁸ , Charles Craddock ⁹ , Mahmoud Aljurf ¹⁰ , Arnon Nagler ¹¹ , Jakob Passweg ¹² , Ellen Meijer ¹³ , Charles Crawley ¹⁴ , Ann Elisabeth Hunter ¹⁵ , Boris Afanasyev ¹⁶ , Christian Koenecke ¹⁷ , Nicolass P.M. Schaap ¹⁸ , Marco R. de Groot ¹⁹ , Michael Schleuning ²⁰ , Eduardo Olavarria ²¹ , Nicolaus Kröger ²² , Chronic Malignancy Working Party of the European Society for Blood and Marrow Transplantation
Long-term clinical outcomes of patients with CYP2C9 and VKORC1 variants treated with vitamin K antagonists: a prospective, multicenter cohort study of elderly patients with venous thromboembolism	<u>Michael Nagler</u> ¹ , Anne Angelillo-Scherrer ¹ , Marie Mean ² , Andreas Limacher ³ , Claire Abbal ⁴ , Marc Righini ⁵ , Hans-Jürg Beer ⁶ , Joseph Osterwalder ⁷ , Beat Frauchiger ⁸ , Markus Aschwanden ⁹ , Christian M. Matter ¹⁰ , Nils Kucher ¹¹ , Jacques Cornuz ¹² , Martin Banyai ¹³ , Marc Husmann ¹⁴ , Daniel Staub ⁹ , Lucia Mazzolai ¹⁵ , Olivier Hugli ¹⁶ , Nicolas Rodondi ¹⁷ , Drahomir Aujesky ²
Targeting the p53 inhibitor MDM2 enhances specificity and efficacy of the FLT3-inhibitor midostaurin in FLT3-ITD acute myeloid leukemia	<u>Katja Seipel</u> ¹ , Corinne Sidler ¹ , Beatrice U. Mueller ¹ , Thomas Pabst ²
Conjoint high anti-C1q and anti-ADAMTS13 autoantibody titers mark the immune response in lupus nephritis and concurrent SLE/ITTP patients	<u>Monica Schaller</u> ^{1,2} , Michael Osthoff ³ , Robert Kölm ⁴ , Marten Trendelenburg ³ , Johanna Kremer Hovinga ^{1,2}
Trends in incidence and mortality of acute myeloid leukemia in Switzerland between 1989-2012	<u>Annatina Schnegg</u> ¹ , Anita Feller ² , Volker Arndt ² , Nicolas Bonadies ^{1,3}
GPR56, a novel stem cell marker in CD34 negative acute myeloid leukemia?	<u>Martina Konantz</u> ¹ , Anna M. Paczulla ¹ , Joëlle S. Müller ¹ , Claudia Lengerke ^{1,2}

Free contributions SSH: Experimental hematology

Title	Authors
The bone marrow microenvironment is a target of graft-vs-host reactivity following allogeneic hematopoietic cell transplantation in mice	Hui-Chyn Wong ¹ , Stephan Isringhausen ¹ , Markus G Manz ¹ , Cesar Nombela-Arrieta ¹ , <u>Antonia Müller</u> ²
Functional and structural dynamics of the bone marrow stromal microenvironment after cytoreductive therapies	<u>Ute Sussbier</u> , Hui Chyn Wong, Alvaro Gomariz, Stephan Isringhausen, Patrick Helbling, Markus Manz, Antonia Mueller, Cesar Nombela Arrieta
Intrinsic and extrinsic factors control aging of hematopoietic stem cells	<u>Larisa Kovtonyuk</u> ¹ , Hitoshi Takizawa ² , Markus G. Manz ¹
Hypoglycemia and energy crisis contribute to early lethality in JAK2 mutated models of myeloproliferative neoplasm	<u>Tata Nageswara Rao</u> ¹ , Hansen Nils ² , Geier Florian ² , Biesel Christian ³ , Hui Hao-Shen ² , Dirnhofer Stefan ⁴ , Hess Christoph ⁵ , Skoda Radek ²
Genotyping of hodgkin lymphoma on the liquid biopsy	<u>Alessio Bruscaquin</u> ¹ , Valeria Spina ¹ , Martina Di Trani ² , Gabriela Forestieri ¹ , Adalgisa Condolucci ^{1,3} , Elisa Cupelli ⁴ , Maurizio Martini ⁵ , Alden Moccia ³ , Anastasios Stathis ³ , Clara Deambrogi ⁶ , Georg Stüssi ³ , Luigi Maria Larocca ⁵ , Franco Cavalli ³ , Francesco Berton ^{1,3} , Gianluca Gaidano ⁶ , Emanuele Zucca ³ , Stefan Hohaus ⁴ , Carmelo Carlo-Stella ² , Davide Rossi ^{1,3}

Free contributions SSH: Hemostasis, vascular biology, transfusion medicine

Title	Authors
Heparin-induced thrombocytopenia (HIT) diagnosis in 30 minutes! A prospective evaluation of a rapid diagnostic work-up	<u>Matteo Marchetti</u> ¹ , Stefano Barelli ¹ , Fanny Monnin ² , Nicole Nicolas ² , Elena Matthey-Guirao ² , Vicky Ménétrey ² , Christiane Gerschheimer ² , Lorenzo Alberio ¹
Risk factors for recurrence in deep vein thrombosis patients with a tailored anticoagulant treatment based on residual vein thrombosis: contemporary data	<u>Michael Nagler</u> ¹ , Hugo ten Cate ² , Martin Prins ³ , Arina ten Cate-Hoek ²
Calcium monitoring in platelets: tool for diagnosing platelet function defects	<u>Alessandro Aliotta</u> , Debora Bertaggia Calderara, Lorenzo Alberio
Effect of complete lack of protein S on pregnancy outcome in mice	<u>Raja Prince</u> ^{1,2} , Natacha Dewarrat ^{1,2} , Maria Desiré Reina Caro ^{1,2} , Justine Brodard ^{1,2} , Claudia Quarroz ^{1,2} , Francois Saller ³ , Sara Calzavarini ^{1,2} , Anne Angelillo-Scherrer ^{1,2}
Overexpression of miR-21 involved in plasma cell myeloma-associated angiogenesis	<u>Michael Medinger</u> , Dominik Heim, Claudia Lengerke, Martina Kleber, Jakob Passweg

Free contributions SSH: Clinical hematology

Title	Authors
Dynamics of expression of Programmed cell death protein-1 (PD-1) on T cells after allogeneic hematopoietic stem cell transplantation	<u>Federico Simonetta</u> , Amandine Pradier, Carine Bosshard, Stavroula Masouridi-Levrat, Carole Dantin, Aikaterini Koutsis, Yordanka Tirefort, Eddy Roosnek, Yves Chalandon
Defibrotide shows efficacy in the prevention of sinusoidal obstruction syndrome (SOS) after allogeneic hematopoietic stem cell transplantation: a retrospective study on 237 patients	<u>Yves Chalandon</u> ^{1,2} , Federico Simonetta ¹ , Carole Dantin ¹ , Aikaterini Koutsis ¹ , Anne-Claire Mamez ¹ , Yan Beauverd ¹ , Olga Tsopra ¹ , Audrey Simon ¹ , Stijn Bex ¹ , Caroline Stephan ¹ , Juan Felipe Reriguez Morales ¹ , Karoline Polchlopeck-Blasiak ¹ , Marc Ansari ³ , Yordanka Tirefort ¹ , Eddy Roosnek ² , Stavroula Masouridi-Levrat ¹
Reactive hemophagocytic syndrome after hematopoietic stem cell transplantation: a multicenter retrospective study on behalf of the francophone society of stem cell transplantation and cellular therapy (SFGM-TC)	<u>Federico Simonetta</u> ¹ , Hélène Labussière-Wallet ² , Maciej J Machaczka ³ , Flore Sicre de Fontbrune ⁴ , Michael Medinger ⁵ , Sylvain Chantepie ⁶ , Tony Marchand ⁷ , Stavroula Masouridi-Levrat ⁸ , Marie-Thérèse Rubio ⁹ , Oumedaly Reman ¹⁰ , Nathalie Dhedin ¹¹ , Loïc Fouillard ¹² , Stéphane Vigouroux ¹³ , Olivier Lambotte ¹⁴ , Lionel Galicier ¹⁵ , Paul Coppo ⁹ , Jakob Passweg ⁵ , Ibrahim Yakoub-Agha ¹⁶ , Régis Peffault De Latour ⁴ , Yves Chalandon ⁸
Changes of telomere length reflect the clonal suppression seen with the telomerase inhibitor imetelstat in patients with essential thrombocythemia	<u>Monika Haubitz</u> ¹ , Elisabeth Oppliger Leibundgut ¹ , Ingrid Helsen ¹ , Dania Hiltbrunner ¹ , Bart Burington ² , Oliver G. Ottmann ³ , Gary Spitzer ⁴ , Olatoyosi Odenike ⁵ , Michael A. McDevitt ⁶ , Alexander Röth ⁷ , David S. Snyder ⁸ , Gabriela M. Baerlocher ¹
A prognostic tool for predicting prognosis in early stage chronic lymphocytic leukemia patients	<u>Barbara Vannata</u> ¹ , Lorenzo De Paoli ² , Massimo Gentile ³ , Guido Ghilardi ¹ , Clara Deambroggi ² , Bernhard Gerber ¹ , Daniela Clerici ¹ , Valeria Spina ⁴ , Alessio Brusca ⁴ , Adalgisa Condoluci ¹ , G. Forastieri ⁴ , C. Tarantelli ⁴ , F. Bertoni ⁴ , F. Cavalli ^{4,5} , E. Zucca ⁵ , G. Stuessi ¹ , F. Morabito ³ , G. Gaidano ² , D. Rossi ^{1,4}