

EHA25 YoungEHA Day, Friday, July 24, 2020

Overview of YoungEHA Sessions at EHA25 Virtual



YoungEHA Research Meeting Sessions

Session 1: Normal hematopoiesis and stem cell biology

Aging of hematopoietic stem cells: epigenetic changes and the role of the microenvironment

- Maria Carolina Florian

Deconvolution of Hematopoietic Commitment Decisions By Genome-Wide Analysis of Progressive DNA Methylation Changes

- Sina Stäble

The impact of environmental stress on genome stability in hematopoietic stem cells

- Megan Druce

EBF1-deficient Bone Marrow Stroma Elicits Persistent Changes in HSC Potential

- Marta Derecka

Protective niches for aging hematopoietic stem cells

- Mehmet Sacma

How are iron levels sensed in the liver to maintain iron supplies for erythropoiesis?

- Silvia Colucci

Session 2: Lymphoid malignancies

The transcription factor PU.1/SPI1 in hematopoietic transformation: the example of Waldenström Macroglobulinemia

- Olivier Bernard

Methylation based subtype characterization of Adult T-cell Acute Lymphoblastic Leukemia

- Anand Mayakonda

Quantitative proteomic analysis of relapsed multiple myeloma identifies CDK6 upregulation as a potential targetable resistance mechanism for lenalidomide

- Dora Ng

Determining patient-individual leukemia-niche interactions using CRISPR-Cas9 screens in patient-derived xenograft (PDX) leukemias in vivo using CRISPR-Cas9 screens in patient-derived xenograft (PDX) leukemias in vivo

- Ehsan Bahrami

From Genetic Signatures to Targeted Therapies in Diffuse Large B-cell Lymphoma

- Kamil Bojarczuk

YoungEHA Research Meeting Sessions

Session 3: Myeloid malignancies

Identification of novel molecular glue degraders to target cancer dependencies

- Benjamin Ebert

Epigenetic effects of NFE2 and JAK2V617F mutations in MPN

- Chris Koellerer

A multi-omics approach to unraveling G-protein coupled receptor 56 (ADGRG1) signaling in Acute Myeloid Leukemia

- Lixiazi He

Targeting the menin-MLL1 interaction in NPM1 mutant AML: Discovery of synergistic drug combinations and resistance mechanisms

- Marlene Steiner

Resistance mechanisms to SYK inhibition in acute myeloid leukemia

- Anjali Cremer

Discovery of functional non-coding elements in acute myeloid leukemia

- Michelle Ng

Session 4: Immunology and inflammation

CAR T cells: On the road to synthetic immunity

- Michel Sadelain

Efficacy and safety of nivolumab in patients with AML relapse after allogeneic transplantation - preliminary data from a prospective phase 1/2 study

- Petya Apostolova

Tumor Microenvironment Confers Enhanced Immune Privilege of CLL Cells by Upregulation of PD-L1

- Martin Böttcher

NSGW41 is an optimal tool to study the human immune system in a surrogate host

- Emilie Coppin

Stem cell based heterogeneity of Interferon signaling during hematopoietic development

- Paula Werner

YoungEHA special sessions

Get different sides of the story: Digital Medicine

Artificial intelligence: From bench to bed

- Francesca Trapani

Challenges of Digital Medicine

- Bjoern Chapuy

Hematology 4.0 - Myth busters

Microbiome - Just bacteria?

- Ami Bhatt (United States)

Can we target metabolism to improve outcome of cancer immunotherapy?

- Vassiliki Boussiotis (United States)

The impact of nutrition on the hematopoietic microenvironment

- Tim Schulz (Germany)

Antifungal resistance, does it threaten our patients

- Alexander Schauwvlieghe (Belgium)

What is YoungEHA?

EHA believes in the vision of all young hematologists and invites them to join YoungEHA, an inclusive community supporting the development of expertise and knowledge for a successful career in hematology. Being a junior member of EHA, makes you part of the YoungEHA family, and gives you unlimited access to EHA's online learning platform, joint memberships with our partner societies, and many other benefits. **[Learn more about YoungEHA here.](#)**