

2018 American Society of Hematology Annual Meeting

Oral and Poster Abstracts

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

Elevated Levels of CD64 MFI on Monocyte Subsets Are Associated with a History of Stroke in Sickle Cell Disease

Susanna A Curtis, Raisa Balbuena-Merle, Lesley Devine, Daniel Zelterman, John D. Roberts, Jennifer Dearborn-Tomazos, Lauren Sansing, Jeanne E. Hendrickson

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

Wide Variation in Use and Interpretation of Gene Mutation Profiling Panels Among Health Care Providers of Patients with Myelodysplastic Syndromes (MDS): Results of a Large Web-Based Survey

Alexander Pine, Nora B Chokr, Maximilian Stahl, Steven D. Gore, Amer M. Zeidan

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

Medical Marijuana Certification for Patients with Sickle Cell Disease: A Survey Study of Patient's Use and Preferences

Susanna A Curtis, Jonathan Spodick, John D. Roberts

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

Reduction in Hospital Days Using a Multidisciplinary Approach for Pediatric Patients with Sickle Cell Disease

Farzana D. Pashankar, **Rozalyn Rodwin**, Lyn Balsamo, Judith Carbonella, Mary Szondy, Karen Kalbfeld, Donna-Ann Thomas, Karen Santucci, Matthew Grossman

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

NCOA4 Mediates Mobilization of Hepatic Iron Stores after Blood Loss

Xiuqi Li, Larisa Lozovatsky, Dong Liu, Nadia Ayala-Lopez, Karin E. Finberg

Saturday, December 1, 2018, 6:15 PM-8:15 PM

Location: Hall GH

Impact of a Pharmacist Driven Anti-Xa Level Monitoring Protocol on Therapeutic Drug Monitoring Practice Patterns

Muhammad Effendi, **Martha Stutsky**, Caleigh A. Curran, Kent A. Owusu, Alfred Ian Lee

Saturday, December 1st: 6:15 PM-8:15 PM

Location: Hall GH

Impact of Leukapheresis and Time to Chemotherapy on Outcomes of Newly Diagnosed Patients with Acute Myeloid Leukemia Presenting with Hyperleukocytosis: An Analysis from a Large International Patient Cohort

Maximilian Stahl, Wei Wei, MD, Rory Shallis, Nikolai Podoltsev, Steven Gore, Amer Zeidan

Sunday, December 2, 2018: 10:15 AM

Location: Room 25B

Does Provider Experience Treating Patients with Myelodysplastic Syndromes Explain Duration of Hypomethylating Agent Therapy and Overall Survival? A Large Population-Based Analysis

Amer M. Zeidan, Xin Hu, Weiwei Zhu, Maximilian Stahl, Smith Giri, Scott F Huntington, Rong Wang, Nikolai A. Podoltsev, Steven D. Gore, Xiaomei Ma, Amy J. Davidoff

Sunday, December 2nd: 12:00 PM-1:30 PM

Location: Pacific Ballroom 20

Aggressive Lymphoma (Diffuse Large B-Cell and Other Aggressive B-Cell Non-Hodgkin Lymphomas)—Results from Prospective Clinical Trials: New Agents

Moderator: Iris Isufi

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Whole Exome Sequencing and Extended Thrombophilia Testing in Patients with Venous Thromboembolism

Lauren Shevell, Rahul Dhodapkar, Daniel Dykas, Andreea Popa, Deqiong Ma, Noffar Bar, Audrey Baluha, Adrienne Burns, Cassius Ilya Ochoa Char, Anne Dupont, Sean Gu, Stephanie Halene, Randy Luciano, Rebecca Marien, Natalia Neparidze, Terri Parker, Xiaopan Yao, Alfred Ian Lee

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Use of Statins, Survival and Incidence of Thrombosis Among Older Adults with Polycythemia Vera: A Population-Based Study

Nikolai Podoltsev, Mengxin Zhu, Rong Wang, Amer M. Zeidan, Xiaoyi Wang, Amy J. Davidoff, Scott F Huntington, Smith Giri, Steven D. Gore, Xiaomei Ma

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Association between Oncologist Ownership of Imaging Facilities and Utilization: An Analysis of Positron-Emission Tomography (PET) Use in Lymphoma Settings with Variable PET Utility

Scott F Huntington, Weiwei Zhu, Jessica Hoag, Rong Wang, Amer M. Zeidan, Smith Giri, Nikolai A. Podoltsev, Steven D. Gore, Xiaomei Ma, Cary P Gross, Amy J. Davidoff

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Duffy Antigen Phenotyping Is a Useful and Clinically Available Test for Benign Ethnic Neutropenia
Eric Y. Chang, Christopher A. Tormey, Alexa J. Siddon, Mahboubeh Rahmani, Ellice Y. Wong

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Impact of HIV on Clinical Presentation and Outcomes of Individuals with Multiple Myeloma
Smith Giri, Ellice Y. Wong, Michal Rose, Roxanne Wadia, Amy Justice, Natalia Neparidze

Sunday, December 2nd: 6:00 PM-8:00 PM

Location: Hall GH

Long-Term Effects of Oral Eliglustat on Skeletal Manifestations of Gaucher Disease Type 1: Results from Four Completed Clinical Trials
Pramod K. Mistry

Monday, December 3rd: 7:00 AM-8:30 AM

Location: Pacific Ballroom 15

Basic Science and Clinical Practice in Blood Transfusion: Clinical and Translational Studies
Moderator: Jeanne E. Hendrickson

Monday, December 3rd: 8:00 AM

Location: Grand Hall C

Altered Splicing from a Mutated Alternate Branch Point Is Common in Severe Alpha-Spectrin Linked Inherited Anemia
Kimberly Lezon-Geyda, Vincent P Schulz, Yelena Maksimova, Patrick G. Gallagher

Monday, December 3, 2018: 11:00 AM

Location: Grand Ballroom 2

FANCI-FANCD2 Binds RNA, Which Stimulates Its Monoubiquitination
Zhuobin Liang, Simonne Longerich, Patrick Sung, **Gary M. Kupfer**

Monday, December 3rd: 11:15 AM

Location: Pacific Ballroom 24

Mrtfa Augments Megakaryocyte Maturation By Enhancing the Srf Regulatory Axis
Nur-Taz Rahman, Vincent P Schulz, Lin Wang, Patrick G. Gallagher, Diane S. Krause

Monday, December 3rd: 3:30 PM

Location: Room 25B

Transfusion Independence in Lower-Risk, Non-del5(q) Myelodysplastic Syndromes (LR-MDS) Among Patients Initiating Hypomethylating Agents While Receiving Red Blood Cell Transfusions
Amer M. Zeidan, Weiwei Zhu, Rong Wang, Maximilian Stahl, Scott F Huntington, Smith Giri, Nikolai A. Podoltsev, Steven D. Gore, Xiaomei Ma, Amy J. Davidoff

Monday, December 3rd: 5:45 PM

Location: Room 25B

Medical Marijuana for Sickle Cell Disease: Results of Two Years of Certification in an Adult Sickle Cell Center
Susanna A Curtis, Dana Lew, Jonathan Spodick, John D. Roberts

Monday, December 3rd: 5:45 PM

Location: Room 24B

Racial Disparities in the Utilization of Recommended Supportive Care Among Patients with Multiple Myeloma in the United States

Smith Giri, Weiwei Zhu, Rong Wang, Amer M. Zeidan, Nikolai A. Podoltsev, Steven D. Gore, Xiaomei Ma, Amy J. Davidoff, Scott F Huntington

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Outcomes of Patients with Newly-Diagnosed Acute Myeloid Leukemia and Hyperleukocytosis Who Did Not Undergo Intensive Chemotherapy: Results from a Large International Database

Rory M Shallis, Maximilian Stahl, Wei Wei, Nikolai Podoltsev, Steven D. Gore, Amer M. Zeidan

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Characteristics, Treatment Patterns and Outcomes Among Newly Diagnosed Patients (pts) with Acute Myeloid Leukemia (AML) Who Present with Hyperleukocytosis: Findings from a Large International Patient Cohort

Maximilian Stahl, Wei Wei, Nikolai A. Podoltsev, Steven D. Gore, Amer M. Zeidan

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Mettl3 Mediated m6A Modification Is Essential in Fetal Hematopoiesis

Yimeng Gao, Radovan Vasic, Toma Tebaldi, Yuanbin Song, Rhea Teng, Poorval Joshi, Andrew Xiao, Pedro Batista, Huabing Li, Richard Flavell, Stephanie Halene

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Molecular Signature of Megakaryocyte-Erythroid Progenitors Reveals Role of Cell Cycle in Fate Specification

Yi-Chien Lu, Diane S. Krause, Juliana Xavier-Ferruccio, Chad Sanada

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Cost Effectiveness of Rituximab As Adjunctive Therapy in Reducing Apheresis Procedures and Hospital Length of Stay in Relapsed Thrombotic Thrombocytopenic Purpura

George Goshua, Amit Gokhale, Jeanne E. Hendrickson, Christopher Tormey, Alfred Ian Lee

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Pklr Intron Splicing-Associated Mutations and Alternate Diagnoses Are Common in Pyruvate Kinase Deficient Patients with Single or No Pklr Coding Mutations

Kimberly Lezon-Geyda, Patrick G. Gallagher

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Preliminary Safety, Pharmacokinetics and Pharmacodynamic Analysis of the Polo-like Kinase-1 Inhibitor PCM-075, in Combination with Low-Dose Cytarabine or Decitabine in Patients with

Relapsed or Refractory Acute Myeloid Leukemia
Amer M. Zeidan

Monday, December 3rd: 6:00 PM-8:00 PM

Location: Hall GH

Treatment with Foscarnet after Allogeneic Hematopoietic-Cell Transplant (AlloHCT) Is Associated with Long-Term Loss of Renal Function

Yevgeniya Foster

Monday, December 3, 2018: 6:15 PM-7:45 PM

Location: Grand Hall B

Acute Myeloid Leukemia: Biology, Cytogenetics, and Molecular Markers in Diagnosis and Prognosis: Integrating Genomics into Risk Stratification and Therapeutic Decisions

Moderator: Amer M. Zeidan

General Sessions:

Sunday, December 2nd: 2:00 PM-4:00 PM

Location: Hall AB

Low Iron Promotes Megakaryocytic Commitment of Megakaryocytic-Erythroid Progenitors in Human and Mice

Juliana Xavier-Ferrucio, Xiuqi Li, Vanessa Scanlon, Ping-Xia Zhang, Nadia Ayala-Lopez, Toma Tebaldi, Stephanie Halene, Karin E. Finberg, Diane S. Krause

Scientific Programs:

Saturday, December 1st: 9:30 AM-11:30 AM

Location: Room 33B

Sunday, December 2nd: 4:30 PM-6:30 PM

Location: Room 29C

Swinging the Iron Pendulum: Loss and Gain Through Blood Donation and Transfusion

Co-chairs: Karin E. Finberg, Jeanne E. Hendrickson

Saturday, December 1st: 2:00 PM-3:30 PM

Location: Room 29C

Challenging the Paradigms in Hematopoiesis

Chair: Diane Krause

Continuing Conversations With the Speakers:

Saturday, December 1st: 11:45 AM-12:45 PM

Location: Room 10

Continuing Conversations With the Speakers on Swinging the Iron Pendulum: Loss and Gain Through Blood Donation and Transfusion

Co-chairs: Jeanne E. Hendrickson, Karin E. Finberg

Trainee Activities and Services:

Friday, November 30th: 12:00 PM-5:00 PM

Location: Left Field Concourse (Petco Park)

Bone Marrow Biopsy- Interactive Demo- Table 1

Alfred Ian Lee