

Theme	Last	First	Title	Session	Board
Biomaterials and Models	Popowski	Kristen	SymClot: Synthetic platelets for rapid hemorrhage control	A (4:30 - 5:30)	1
Biomaterials and Models	Pozy	Ethan	Fibrin-specific nanogels (FSNs) dual-loaded with tissue plasminogen activator (tPA) and deoxyribonuclease I (DNAse I) increase fibrinolysis in equine neutrophil extracellular trap (NET)-reinforced fibrin clot model of sepsis-induced thromboinflammation	A (4:30 - 5:30)	2
Biomaterials and Models	Byrnes	Elizabeth	Microphysiological System for Investigating Wound Healing Responses	A (4:30 - 5:30)	3
Biomaterials and Models	Iffrig	Elizabeth	Quantitative SEM Thrombus Reconstruction and Image Characterization (Q-SEMTRIC) - A New Pipeline for Detailed Analysis of Scanning Electron Microscopy Images of Thrombi	A (4:30 - 5:30)	4
Biomaterials and Models	Tucker	Luke	Evaluating Fibrin-Targeted Antimicrobial Platelet-Like Particles in Rodent Hemorrhage Models	A (4:30 - 5:30)	5
Biomaterials and Models	Zhang	Leyi	Mathematical modeling of management of postoperative bleeding in cardiac surgery	A (4:30 - 5:30)	6
Coagulation Factors	Oellerich	Tracy		A (4:30 - 5:30)	7
Coagulation Factors	Reitsma	Stéphanie	Plasma proteomic signatures determine clot stability and predict bleeding risk in factor XI deficiency	A (4:30 - 5:30)	8
Coagulation Factors	Miklosz	Joanna	Zymogen and protease Factor XII functions each contribute to venous thrombosis and vascular stasis in a murine model of sickle cell disease	A (4:30 - 5:30)	9

Coagulation Factors	Watson	Connor	Elevated FVIII levels independently promote pathological venous thrombosis in the absence of vWF	A (4:30 - 5:30)	10
Coagulation Factors	Thompson	Knesha	Flow and Order of Addition Modify FXa Generation on Endothelial Surfaces in the Presence of Efficizumab	A (4:30 - 5:30)	11
Inflammation/Immune	Hur	Steve	Fibrin(ogen) provokes metabolic dysfunction through modulation of glycine metabolism.	A (4:30 - 5:30)	12
Inflammation/Immune	Bose	Pria	Regulatory T Cell-Expressed MMP12 Modulates Inflammation and Hemostasis Following Acute Lung Injury	A (4:30 - 5:30)	13
Inflammation/Immune	Chen	Jonah	Minimal impact of anticoagulant selection on immune complex mediated complement activation in human plasma	A (4:30 - 5:30)	14
Inflammation/Immune	Lapointe	Catherine	Fibrinogen reduction significantly decreases sepsis-driven thrombosis without provoking bleeding in mice	A (4:30 - 5:30)	15
Inflammation/Immune	Moellmer-Gor	Sami	Coagulation Factor XIa Dysregulates Angiotensin-Tie Signaling and Triggers Weibel Palade Body Exocytosis in Human Aortic Endothelial Cells	A (4:30 - 5:30)	16
Inflammation/Immune	Patel	Keshav	Cooperative internalization of endothelial cell receptors as a mechanism of increased response to combinations of heme and thrombin	A (4:30 - 5:30)	17

Inflammation/Immune	Ravi	Sai	Adhesion of human acute promyelocytic leukemia NB4 cells to human brain microvascular endothelial cells and the effects of NB4-derived factors on endothelial damage	A (4:30 - 5:30)	18
Inflammation/Immune	Sachetto	Ana	Circulating extracellular vesicle tissue factor activity is associated with disseminated intravascular coagulation in septic patients	A (4:30 - 5:30)	19
Inflammation/Immune	Silasi	Robert	Pathogen-Specific Neuroinflammatory and Coagulopathic Signatures in Sepsis Revealed by Single-Nucleus RNA Sequencing	A (4:30 - 5:30)	20
Inflammation/Immune	Jameson	Angelica	Determining the role of glycine in the expression of coagulant and fibrinolytic proteins in the context of obesity	A (4:30 - 5:30)	21
Clinical/Translational	Areces	Alain	Therapeutic plasma exchange in refractory Heparin-induced thrombocytopenia	A (4:30 - 5:30)	22
Clinical/Translational	Kloos	Mark	Inverse Shifting-PCR (IS-PCR) for detection of the most common genomic defect found in canine Hemophilia A	A (4:30 - 5:30)	23
Clinical/Translational	Nikolic	Stefan	Test, Don't Guess: TEG R-Time to Target Anticoagulant Reversal in Traumatic Intracranial Hemorrhage	A (4:30 - 5:30)	24
Clinical/Translational	Zhu	Xingru	Cross-species comparisons of hemostatic gene expression profiles in human and murine acute myeloid leukemia and acute promyelocytic leukemia cells	A (4:30 - 5:30)	25

Fibrin	Pandit	Sanika	Fibrin-based nanoparticles for equine wound healing	B (5:30 - 6:30)	1
Fibrin	Hanes	Haley	Characterizing Fibrin-Mimetic Antimicrobial Microgels for Targeted Treatment of Staphylococcus aureus	B (5:30 - 6:30)	2
Fibrin	Cai	Can	Nonlinear Relationships of Fibrin Network Structure as a Function of Fibrinogen and Thrombin Concentrations for Purified Fibrinogen and Plasma Clots	B (5:30 - 6:30)	3
Fibrin	Choi	Young Joo	Optimization and Application of a Genetic Screening Platform to Define Fibrinogen Functional Genomics	B (5:30 - 6:30)	4
Fibrin	Dover	Leanna	Structure and Function Studies of the $\alpha$ C Domain of Human Fibrinogen	B (5:30 - 6:30)	5
Fibrin	Elangovan	Aravind	Crossing Fibers: The Origins of Branching in Fibrin Network Formation	B (5:30 - 6:30)	6
Fibrin	Kangro	Kadri	Reduction or Elimination of Fibrinogen or Plasminogen Does Not Alter the Development of Acute Lung Disease Following SARS-CoV-2 Infection	B (5:30 - 6:30)	7
Fibrin	Laskey	Emily	Validating the Use of Absorbance- and Fluorescence-Based Halo Clot Lysis Assays for Clinical Sample Testing	B (5:30 - 6:30)	8
Fibrin	Miller	dylan	Quantifying Fibrin Polymerization Dynamics in 3D Using Automated Fiber Tracking	B (5:30 - 6:30)	9

Fibrin	Nameny	Arezoo	Fibrinogen and Thrombin Concentrations Affect Plasma Clot Structure but only Fibrinogen Concentration Affects Internal Plasma Clot Lysis Time	B (5:30 - 6:30)	10
Fibrin	Sang	Yaqiu	Plasminogen supplementation increases plasmin generation potential in pleural fluid isolated from patients with complicated parapneumonic effusions and empyema	B (5:30 - 6:30)	11
Fibrin	Sheridan-Mun	Ana	Sialic acid-modified fibrinogen mitigates thrombotic outcomes in vivo	B (5:30 - 6:30)	12
Platelets	Andrianova	Izabella	A Common Racially Diverse Human PAR4 Variant Impacts the Development of Atherosclerosis	B (5:30 - 6:30)	13
Platelets	Coenen	Danielle	Wound healing in obesity and diabetes: employing MS-NASH mice to study pathological mechanisms and intrinsic platelet contributions	B (5:30 - 6:30)	14
Platelets	Jones	Summer	Development of a Mouse Model for Novel Rap1b-related Thrombocytopenia Syndrome	B (5:30 - 6:30)	15
Platelets	Li	Yu-Ming	Platelets initiate tissue necrosis as a beneficial innate immune defense	B (5:30 - 6:30)	16

Platelets	Lindholm	Paul	Platelet dysfunction detected in patients presenting with intracerebral hemorrhage (ICH) hematoma expansion (HE) using Thromboelastography (TEG) and point-of-care (POC) platelet function tests.	B (5:30 - 6:30)	17
Platelets	Mohammadm	Shayan	Platelet $\alpha$ -Granule Integrity Is Essential for Aneurysm Stability in AngII-Induced Abdominal Aortic Aneurysm	B (5:30 - 6:30)	18
Platelets	Prokopenko	Yuriy	Platelet activation enhances Emicizumab-dependent whole blood thrombin generation in hemophilia A	B (5:30 - 6:30)	19
Platelets	Vander Ploeg	Matthew	A scalable high-throughput platform for discovery of intracellular and extracellular regulators of platelet migration	B (5:30 - 6:30)	20
Platelets	Zewdie	Monica	Does Home Antiplatelet Use Predict Platelet Suppression or Platelet Transfusion Need in Traumatic Intracranial Hemorrhage?	B (5:30 - 6:30)	21
Red Blood Cells and Hemoc	Martyr	Justin	Systematic identification of novel targets of IRE/IRP gene regulation in iron-deficiency	B (5:30 - 6:30)	22
Red Blood Cells and Hemoc	Miklosz	Joanna	Altered structure and dynamic of arterial thrombosis in a mouse model of sickle cell disease	B (5:30 - 6:30)	23
Red Blood Cells and Hemoc	Ramadas	Nirupama	Pulmonary Hypertension in Aged Townes Sickle Cell Mice Is Associated with Dysregulated Angiogenesis	B (5:30 - 6:30)	24