



Day 1: Thursday, March 13, 2025			
9:00 AM - 6:00 PM	Registration		
9:00 AM - 6:00 PM	Speed Poster Presentations – On Demand Viewing Area		
10:30 AM - 11:30 AM	First Time Attendee Welcome Session All First Time Attendees or New Members En		
11:30 AM - 1:00 PM	Single Sponsor Satellite Lunch - One (1) G	General Session; Open to All Attendees	
1:00 PM - 1:10 PM	Transition to Session		
1:10 PM - 1:20 PM	Friday Opening Remarks		
1:20 PM - 2:20 PM	Scientific Session 1: State-of-the-Art-Lecture "The Arrival of Gene Therapy" Plenary Session Moderators: Benjamin J. Samelson Jones, MD and Suman Sood, MD, MS		
	 Speakers: Glenn Pierce, MD, PhD and Lindsey A. George, MD Description: This 1-hour opening plenary session will provide an overview of the current landscape and future directions in gene therapy from bench to bedside, featuring two experts in the field. Glenn Pierce, MD, PhD, from World Federation of Hemophilia, invited talk "Broad Perspective of Gene Therapy," will discuss the latest 		
	 Glenn Pierce, MD, PhD, from World Federation of Hemophilia, invited talk "Broad Perspective of Gene Therapy," will discuss the latest advancements and challenges in gene therapy. Lindsey A. George, MD, from Children's Hospital of Philadelphia, invited talk "Mechanism of FVIII Durability Post-Gene Transfer," will examine the basic biological mechanisms that sustain Factor VIII levels after gene transfer therapy. 		
	Each talk will be 20 minutes, followed by 10 minutes of Q&A. If time permits, there will be a joint Q&A session to close. Join us to explore the latest developments in gene therapy.		
2:20 PM - 2:30 PM	Transition to Session		
2:30 PM - 4:00 PM	Scientific Session 2 "Advancements in Hemostasis and Thrombosis: From Biochemistry to Clinical Practice - I" Three (3) Concurrents:		
	· · · · · · · · · · · · · · · · · · ·	2-B: "Issues in Pediatric Thrombosis: Challenges and Innovations in Management"	2-C: "Improving Care: The Advance Practice Provider and Multidisciplinary Professionals"
		Moderators: Ayesha Zia, MD, and Shreya Agarwal, MD	Moderators: Eman Abdelghani, MD, and Julia C. Hews-Girard, PhD, RN

HTRS2²25 Scientific Symposium

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Speakers: Rodney M. Camire, PhD Erica Sparkenbaugh, PhD Karl C. Desch, MD	Jennifer Davila, MD Marisol Betensky, MD, MPH Susan Knight PT, PCS	Speakers: Kelly Tickle, DNP, PCNS-BC, PPCNP-BC, EBP-C Stacie Akins, PT, MHS Ashlee Homer, MSN, MBA, RN Description: This 90-minute concurrent session
Description: This 90-minute concurrent session will delve into recent discoveries in the biochemistry of coagulation and its regulation. Three experts will present their latest research findings, each followed by a Q&A session.	Description: This 90-minute concurrent session will focus on issues in pediatric thrombosis, highlighting challenges and innovations in	will spotlight the multidisciplinary approach in improving care for individuals with hemostatic and thrombotic disorders. Four experts will share their perspectives, followed by Q&A sessions.
 Rodney M. Camire, PhD, from the University of Pennsylvania, will deliver the invited talk "Modifying Factor V Anticoagulant Role," focusing on innovations in the anticoagulant function of Factor V. Erica Sparkenbaugh, PhD, from UNC Chapel Hill, will present the invited talk "Novel Molecular Mechanisms in Women's Health," examining new molecular insights relevant to women's health and coagulation. Karl C. Desch, MD, from the University of Michigan, will discuss the invited talk "Molecular Mechanisms of VWF Production," detailing the processes involved in von Willebrand Factor production. 	 Jennifer Davila, MD, from Children's Hospital of Montefiore, invited talk "DOAC Use in Pediatrics," will explore the use of direct oral anticoagulants in pediatric patients. Marisol Betensky, MD, MPH, from Johns Hopkins All Children's Hospital, invited talk "Pediatric Post-Thrombotic Syndrome," will shed light on the syndrome's occurrence and management in children. Susan Knight PT, PCS, from Children's Hospital of Los Angeles, invited talk "Physical Therapy Following Thrombosis Diagnosis," will focus on the role of physical therapy in the management and rehabilitation of pediatric thrombosis patients. 	 Kelly Tickle, DNP, PCNS-BC, PPCNP-BC, EBP-C, from Children's Atlanta, invited talk "How the Advance Practice Nurse Scientist Improves Hemostasis and Thrombosis Care," will highlight the role of advanced practice nurses in enhancing patient outcomes. Stacie Akins, PT, MHS, from Indiana Hemostasis and Thrombosis Center, invited talk "Physiotherapy's Impact on Improving Outcomes in Hemostasis and Thrombosis Conditions," will emphasize the role of physiotherapy in optimizing patient recovery. Ashlee Homer, MSN, MBA, RN, from Penn State Health Children's, invited talk "Coordination of Chaos in Hemostasis and Thrombosis," will focus on strategies for effective coordination among multidisciplinary teams in managing complex cases.
Each talk will be 20 minutes, followed by 10 minutes of Q&A. If time permits, there will be a joint Q&A session to close. Join us to explore cutting-edge research in coagulation biochemistry.	a 10-minute Q&A session. If time permits, a joint Q&A session will conclude the session. Join us to explore the latest challenges and innovations in	Each presentation will be 15 minutes, followed by a 30-minute panel discussion with Q&A to close the session. Join us to explore the collaborative efforts in enhancing care for hemostasis and thrombosis.





4:00 PM - 4:30 PM	Coffee Break - General Session Foyer			
4:30 PM - 6:00 PM	Scientific Session 3 "Advancements in Hemostasis and Thrombosis: From Biochemistry to Clinical Practice - II" <i>Three (3) Concurrents:</i>			
	3-A: "Platelet Function and Dysfunction"	3-B: "Thrombosis: New Understanding and Novel therapeutics"	3-C: "Hemophilia Management in the Age of Non-Factor Treatments"	
	Moderators: Robert Campbell, PhD, and Michele P. Lambert, MD	Moderators: Timothy Stalker, PhD, and Jessica C. Cardenas, PhD	Moderators: Michael Wang, and Beverly A. Schaefer, MD	
	Speakers: Bhavya S. Doshi, MD Craig Morrell, DVM, PhD A. Valance Washington, PhD	Speakers: Konstatine Halkidis, MD, PhD Laurent Mosnier, PhD Evi X. Stavrou, MD	Speakers: Patrick Ellsworth, MD Heidi D. Lane, PT, DPT, PCS Maureane Hoffman, MD, PhD	
	Description: This 90-minute concurrent session will explore various facets of platelet biology and clinical pathology, providing valuable insights into the latest advancements in the field. Each presentation will be followed by an engaging Q&A session, offering attendees the opportunity to delve deeper into the topics discussed. Join us for an illuminating session highlighting the critical role of platelets in hemostasis and thrombosis	Description: This 90-minute concurrent session will discuss their cutting-edge research on thrombosis, offering insights into clinical presentations, molecular mechanisms, and innovative therapeutic approaches. Each presentation will be followed by an engaging Q&A session, offering attendees the opportunity to delve deeper into the topics discussed.	Description: This 90-minute concurrent session will explore the evolving landscape of hemophilia management, focusing on the era of non-factor treatments and their molecular pathways. Attendees will gain insights into new challenges and opportunities presented by these emerging therapeutic approaches. Each presentation will be followed by an interactive Q&A session, allowing for deeper exploration of the topics discussed.	
	 Bhavya S. Doshi, MD, from The Children's Hospital of Philadelphia, invited talk "Platelet Dysfunction in Children," will shed light on the unique clinical challenges and considerations in diagnosing and managing platelet dysfunction in pediatric patients. Craig Morrell, DVM, PhD, from the University of Rochester, invited talk "Inflammation: Platelets and Macrophages," will explore the 	 Konstatine Halkidis , MD, PhD, from the University of Kansas Medical Center, invited talk "Antibody Inhibition of ADAMTS13," will focus on novel antibody-based therapeutic strategies targeting ADAMTS13 in the clinical management of thrombotic microangiopathies. Laurent Mosnier, PhD, from Scripps, will present "COVID and Animal Models," exploring how animal models aid in understanding the impact of COVID-19 on thrombosis and the potential mechanisms involved. 	 Heidi D. Lane, PT, DPT, PCS, from the Utah Center for Bleeding and Clotting Disorders at Primary Children's Hospital, invited talk "Sports Participation in the Age of Non-Factor Treatments," will examine considerations and recommendations for hemophilia patients participating in sports activities. Patrick Ellsworth, MD, from University of North Carolina at Chapel Hill, invited talk "Immune Tolerance in the Age of Emicizumab," will discuss the implications of immune tolerance 	





	followed by a 10-minute Q&A session. Join us to gain deeper insights into platelet	latest advancements in understanding and treating thrombotic disorders.	 induction strategies in the context of emicizumab treatment. Maureane Hoffman, MD, PhD, from Duke University School of Medicine, invited talk "Thrombosis Risk with Non- Factor Treatments," will provide insights into the molecular mechanisms and thrombotic risks associated with the use of non-factor therapies in hemophilia management. Each presentation will be 20 minutes, followed by a 10-minute Q&A session. Join us to explore the challenges and advancements in hemophilia management amidst the rise of non- factor treatments.
6:00 PM - 7:30 PM	Welcome Reception - Exhibit Tent		
7:30 PM - 8:30 PM	Networking Event Best of HTRS: "Meet Our Awardees" Speed Networking Session featuring HTRS Award Recipients (Abstract Awards, Student Research Awards, Mid-Career Research Award, etc)		
8:30 PM - 10:00 PM	Single Sponsor Satellite Dinner - One (1) G	General Session; Open to All Attendees	





	Day	2: Friday, March 14, 2025		
7:00 AM - 7:00 PM	Registration			
7:00 AM - 7:00 PM	Speed Poster Presentations – On Demand Viewing Area			
7:00 AM - 8:00 AM	Breakfast Satellite Symposia Breakfast Symposium 1 Breakfast Symposium 2 Two (2) Concurrents Breakfast Symposium 1 Breakfast Symposium 2			
8:00 AM - 8:10 AM	Transition to Session			
8:10 AM - 8:20 AM	Saturday Opening Remarks			
8:20 AM - 9:20 AM	Scientific Session 4: "Voices from the Frontline: Patient Experiences, Clinical Care, and Research Insights in Hemostasis and Thrombosis" Plenary Session Moderators: X. Long Zheng, MD, PhD, and Rae Kerlin, MT (ASCP), NCA Patient Panel: Bryce Kerlin, MD, FAAP - Physician / Vanessa Inuzuka- Patient Spero R. Cataland, MD / Heather Money - Patient Stefanie Dugan, MS, CGC - Physician / Sara Podejko - Patient Andrew D. Leavitt, MD - Physician / Bobby Wiseman, Jr., MDiv – Patient Description: This engaging session invites patients and physicians to share their firsthand experiences and expert insights into hemostasis and thrombosis. Patients will bravely narrate their journeys, offering poignant stories of diagnosis, treatment, and life beyond the diagnosis. Physicians will provide invaluable context, elucidating the disease mechanisms, standard treatments, and long-term management strategies. Through this dual perspective, attendees will gain a deeper understanding of the human aspect of these conditions and the clinical complexities			
9:20 AM - 10:00 AM	involved. Coffee Break / Exhibits Exhibit Tent			
10:00 AM - 11:00 AM	Roundtables by Interest Networking Event Four (4) Concurrents	Researchers Roundtables All MD/PhD, PhD, Post-Docs, Discovery-Based Scientists Welcome to Join ConECCTOR Network All Junior Faculty Welcome to Join	Advanced Practice Providers All Nurses, Nurse Practitioners, Pharmacists, Social Workers, etc. Welcome to Join Clinical Fellows Network All Students and Trainees Welcome to Join	
11:00 AM - 11:10 AM	Transition to Session			
11:10 AM - 12:40 PM	Scientific Session 5: "Al in Science and Medicine: Hype or Hope? A Debate on Machine Learning's Role in Shaping the Future" Plenary Session Debate Moderators: Jill Kirsch Jemison, MBA and Alisa Wolberg, PhD			
	Speakers: Timothy B. Plante, MD and Keith N			



Description: This dynamic 90-minute session will feature a lively and interactive debate on the transformative potential of artificial intelligence (AI) and machine learning (ML) in science and medicine. The session will explore the real-world applications, benefits, and limitations of Al technologies in these fields. Jill Kirsch Jemison, MBA and Alisa Wolberg, PhD, from the University of North Carolina at Chapel Hill, will guide the discussion. Jill's expertise in information technology will frame the conversation and highlight key issues in the ethics of AI and issues surrounding AI integration in clinical and research settings. • Timothy B. Plante, MD, from the University of Vermont, will provide insights from a clinician's perspective, addressing how AI is currently used in patient care and exploring its practical implications for clinical practice. Keith Neeves, PhD, from the University of Colorado, will offer a scientific viewpoint on the role of AI and ML in advancing research and • their impact on basic and translational science. The session will be highly conversational, encouraging active participation from the audience. Attendees will have the opportunity to engage in a robust dialogue, ask questions, and contribute their perspectives on how and why AI should be used, and whether AI is a fleeting trend or a revolutionary force in shaping the future of science and medicine. Don't miss this chance to engage in a thought-provoking exploration of AI's role in the evolving landscape of healthcare and research. Single Sponsor Satellite Lunch - One (1) General Session; Open to All Attendees 12:40 PM - 2:10 PM 2:10 PM - 2:20 PM Transition to Session 2:20 PM - 3:20 PM In-Person Poster Session I - Exhibit Tent 3:20 PM - 4:20 PM Coffee Break / Table Top Exhibitor Spotlights - Exhibit Tent Scientific Session 6: Oral Abstract Presentations 4:20 PM - 5:20 PM Three (3) Concurrents: 6-A Oral Abstract Awardees 6-B Oral Abstract Awardees 6-B Oral Abstract Awardees 5:20 PM - 5:30 PM Transition to Session 5:30 PM - 7:00 PM Scientific Session 7: Radio HTRS Three (3) Concurrents: 7-B All Things Considered 7-A Science Friday 7-C Wait Wait Don't Tell Me Moderators: Robert H. Lee, PhD, and Jordan Moderators: Kyme Groller, RN Moderators: Juliana Perez Botero, MD Jennifer L. Borrillo, LCSW Shavit, MD, PhD Eric Mullins, MD Speakers: Speakers: Speakers: Maureen Katherine Baldwin, MD, MPH Lauren Poole, PhD Kim Schafer, MSN, FNP-C Munasinghage Lakmali Silva, PhD Kat Molitor, MSN, AGCNS-BC, RN, CCRC Arran Seiler, MD Rachel Rosovsky, MD, MPH Glaivy Batsuli, MD Amy K. Wilson, LICSW

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7:00 8:00 8:30

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	 Description: Tune in to "Radio HTRS: Science Friday", featuring a lineup reminiscent of a popular radio show with a similar name. This 90-minute concurrent session will feature new K99/R00 researchers, focusing on the perspective of women discussing challenges in funding, faculty roles, and research labs. Each segment offers lively moderated discussion with insights from bench to bedside, showcasing achievements and advancements. Lauren Poole, PhD, from Rutgers, Robert Wood Johnson Medical School, will discuss "Coagulation Cascade in Inflammation". Munasinghage Lakmali Silva, PhD, from Harvard, will discuss "Fibrin- Neutrophils in Inflammation". Glaivy Batsuli, MD, from Stanford University, will discuss "Bleeding Disorders in Children: Bench to Bedside". 	 Considered", featuring a lineup reminiscent of a popular radio show with a similar name, where we delve into the multidisciplinary approach to Implementing Gene Therapy. During this 90-minute concurrent session speakers will share insights and experiences in this rapidly evolving field, covering various aspects implementation. Each presentation offers practical perspectives and considerations for advancing gene therapy practices. Kim Schafer, MSN, FNP-C, from UC Davis Health, will discuss "Advance Practice Provider Management in Gene Therapy". Kat Molitor, MSN, RN, AGCNS-BC, from Indiana Hemophilia & Thrombosis Center, will discuss "Critical Nursing Management in Gene Therapy". Amy K. Wilson, LICSW, from Fairview Health Services, will discuss "Social Work Interventions with Individuals Undergoing 	Description: Tune in to "Radio HTRS: Wait Wait Don't Tell Me", featuring a lineup reminiscent of a popular radio show with a similar name, in a unique and entertaining way. During this 90-minute interactive session will provide insight into the pathophysiology, diagnosis and management of hemostatic disorders in the context of pregnancy and reproductive health with a focus on multidisciplinary approach to clinical care. Examples of topics for this session include: "Who's Bill This time" - Anticoagulation management during pregnancy, "Not my job" - Management of bleeding disorders around delivery - Including neonatal concerns, "Limerick Challenge" - Menstrual Bleeding associated with anticoagulation. The final content of the session will be developed with input from the speakers who may participate in multiple topics depending on their interest and expertise.
	This session follows an interactive, discussion-based format, like the Science Friday radio show. Future planning calls will be organized to prepare moderators and speakers for this session. Join us for an engaging session that promises to inform and inspire as we explore the frontiers of hemostasis and thrombosis research on "Radio HTRS."	This session follows a discussion-based format, like the All Things Considered radio show. Future planning calls will be organized to prepare moderators and speakers for this session. Join us for an informative session that considers all aspects of gene therapy management.	
) PM - 8:00 PM	Networking Reception / Exhibit Booth Spot	lights - Exhibit Tent	
) PM - 8:30 PM	Check-In and Departure for Offsite Evening Event - Separate ticket required to attend		
) PM - 10:00 PM	EVENING EVENT: HTRS AWARDS DINNER	AND LIVE BAND KARAOKE - Separate ticket requi	red to attend
	Location: Flagship Cruise, California Spirit		





	Day 3	: Saturday, March 15, 2025	
7:00 AM - 12:00 PM	Registration		
7:00 AM - 12:00 PM	Speed Poster Presentations – On Demand Viewing Area		
7:00 AM - 8:00 AM	Breakfast Satellite Symposia Two (2) Concurrents	Breakfast Symposium 1	Breakfast Symposium 2
8:00 AM - 8:10 AM	Transition to Session		
8:10 AM - 8:20 AM	Sunday Opening Remarks		
8:20 AM - 9:20 AM	Scientific Session 8: Oral Abstract Present Three (3) Concurrents:	tations	
	8-A Oral Abstract Awardees	8-B Oral Abstract Awardees	8-C Oral Abstract Awardees
9:20 AM - 10:00 AM	Coffee Break / Exhibits Exhibit Tent		
10:00 AM - 11:30 AM	30 AM Scientific Session 9: "Unraveling the Controversies: Innovative Discussions in Hemostasis and Thrombosis" <i>Two (2) Concurrents:</i>		
	9-A: "Clinical Conundrums: Expert Insights on Hemostasis and Thrombosis Management"	9-B: "Advancing Science: Expert Insights on Coagulation Research"	
	Moderators: Mark Crowther, MD, and Meera Sridharan, MD, PhD	Moderators: José López, MD, and Lacra Ivanciu, PhD	
	Speakers: Shannon Meeks, MD, MBA Char Witmer, MD, MSCE Gary Woods, MD	Speakers: Nigel Mackman, PhD Frederik Denorme, PhD Kellie Machlus, PhD	
	Description: This 90-minute concurrent session adopts a flipped classroom format, fostering dynamic engagement between presenters and attendees. Presenters will pose clinical conundrums to the audience, inviting active participation in unraveling complex issues in hemostasis and thrombosis management.	Description: This 90-minute concurrent session adopts a flipped classroom approach, facilitating active participation and knowledge exchange between presenters and attendees. Presenters will engage the audience in discussions on advancing coagulation research, focusing on rigor and reproducibility in various aspects of scientific investigation.	

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	 Shannon Meeks, MD, MBA, from Emory University, will discuss "Laboratory Interpretation of Coagulation Tests with Inhibitors," challenging the audience to interpret laboratory data and understand the kinetics of inhibitors. Char Witmer, MD, MSCE, from The Children's Hospital of Philadelphia, will discuss "Managing Patients with Hemophilia A with Inhibitors," prompting the audience to explore strategies for managing inhibitors in this patient population. Gary Woods, MD, from Children's Healthcare of Atlanta, will discuss "Anticoagulation in Pediatric Stroke Patients," encouraging the audience to examine the unique challenges and considerations in managing anticoagulation therapy in children who have experienced a stroke. 	 Nigel Mackman, PhD, from UNC School of Medicine, will discuss "Rigor and Reproducibility in Research: Does Your Antibody Really Work?" prompting the audience to critically evaluate antibody validation techniques. Frederik Denorme, PhD, from the University of Utah, will discuss "Rigor and Reproducibility in Research: What Animal Model Will You Choose?," challenging the audience to consider the strengths and limitations of animal models in disease research. Kellie Machlus, PhD, from Harvard, will discuss "Rigor and Reproducibility in Research: Where Are Platelets Being Made?" encouraging the audience to examine the current understanding of platelet biogenesis. 	
	followed by a 10-minute Q&A session. If time permits, there will be a joint Q&A session to close, fostering collaborative discussion and knowledge exchange. Join us for this unique and interactive session, where clinical conundrums lead to innovative insights in	Each presentation will be 20 minutes, followed by a 10-minute Q&A session. If time permits, a joint Q&A session will conclude the session, providing an opportunity for collaborative discussion and exploration of coagulation research challenges. Join us for this interactive session, where expert insights drive advancements in coagulation science.	
11:30 AM - 11:40 AM			
	In-Person Poster Session II		
	Exhibit Tent		
12:40 PM - 1:30 PM	Closing Remarks and Networking Reception Exhibit Tent	n	