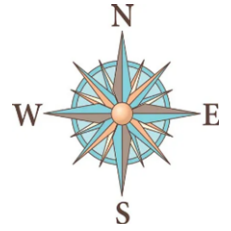




Frontiers in Pediatric Genomic Medicine
Scripps Seaside Forum
Charting The Course in Pediatric Genomic Medicine
Frontiers 2025 Agenda



DAY ONE		Wednesday, April 30, 2025	7:30 am to 4:30 pm PDT
MORNING FOCUS: AI in Pediatric Genomic Medicine			
7:30 am	Registration/Exhibit Hall/Breakfast		
8:30 am	Welcome/Review Agenda	Bruce Windoffer	
8:45 am	Keynote: Federated Data Model	Stephen Kingsmore, MD, DSc President & CEO Rady Children’s Institute for Genomic Medicine	
9:30 am	Leveraging Automation and Innovative Technology to End the Diagnostic Odyssey	Dr. Matthew Bainbridge Rady Children’s Institute for Genomic Medicine	
10:15 am	Lightning Talk:	Louis Ehwerhemuepha Data Science Research Director Children’s Hospital of Orange County	
10:30 am	BREAK – Exhibit Hall Open		
11:00 am	AI-related topic	Dr. Ian Campbell Children’s Hospital of Philadelphia	
11:30 am	Panel on AI: Addressing scalability	Dr. Stephen Kingsmore Dr. Matthew Bainbridge Dr. Ian Campbell Louis Ehwerhemuepha Moderator: Bruce Windoffer	
Noon	Lunch & Networking		

DAY ONE: Wednesday, April 30, 2025

7:30 am to 4:30 pm PDT

AFTERNOON FOCUS:

Advancing genomic medicine in pediatric cardiovascular disorders

1:00 pm	Family Panel	Moderator: Jerica Lenberg Genetic Counselor, RCIGM
1:30 pm	Personalized Genomics: Transforming the Impact of Childhood Heart Disease	Dr. Seema Mital, SickKids Research Institute
2:00 pm	BREAK – Exhibit Hall Open	
2:30 pm	Molecular causes of cardiac disorders and targeted therapeutic strategies	Dr. Francesca Briganti Assistant Professor University of California, San Diego
3:15 pm	Cardiology – Impact of rWGS on Inherited Arrhythmias	Dr. Matthew Williams Director of Cardiac Pacing, Rady Children’s Health Assoc. Clinical Professor, UCSD Pediatrics
3:45 pm	Diagnosing and Living with Jacobsen Syndrome	Dr. Paul Grossfeld Heart Institute, Rady Children’s Hospital Linzee Carroll President at 11q Research and Resource Group
4:15 pm	Wrap Up of Day 1	Stephen Kingsmore, MD, DSc President & CEO,
4:30 – 7:00 pm	Reception/Networking	Heavy hors d'oeuvres and cocktails

2025 Frontiers in Pediatric Genomic Medicine Conference
AGENDA

DAY TWO: Thursday, May 1, 2025		7:30 am to 4:30 pm PDT
MORNING FOCUS: Future Directions in Pediatric Genomics and Precision Diagnostics		
7:30 am	Registration/Exhibit Hall/Breakfast	
8:30 am	Welcome Back/Review Agenda	Bruce Windoffer
8:35 am	Project Baby Bambi/Bambi 4 Kids	Dr. Daphna Marom Tel Aviv Sourasky Medical Center
9:25 am	BeginNGS panel	Dr. Rebecca Reimers - moderator
10:45 am	BREAK – Exhibit Hall Open	
11:00 am	Baby FORce: A pioneering program bridging discovery, translation and application to develop targeted therapies following rWGS for NICU patients	Dr. Whitney Thompson, Mayo Clinic Dr. Laura Lambert, Mayo Clinic
11:45 am	The Evolution of Rapid Whole Genome Sequencing Services at Mayo Clinic: Bridging Prenatal and Postnatal Genetic Counseling for Enhanced Inpatient Care	Jenna Larson, GC, Mayo Clinic
12:15 pm	Lunch & Networking	
AFTERNOON FOCUS: Emerging Therapies for Pediatric Disorders		
1:15 pm	ASO	Dr. Timothy W. Yu Principal Investigator, Yu Lab Boston Children’s Hospital
1:45 pm	SCN2A – ASO Therapy	Dr. Olivia Kim-McManus Assoc. Clinical Professor of Neuroscience University of California, San Diego
2:15 pm	BREAK – Exhibit Hall Open	

2:45 pm	Somatic Genome Editing for Treatment of Lysosomal Storage Diseases	Dr. Raymond Wang Children's Hospital of Orange County
3:15 pm	Gene Editing	Dr. Petros Giannikopoulos Innovative Genomics Institute
3:30 pm	Children's Hospital - Orange County Patient Story	CHOC patient Dr. Erica Sanford Kobayashi Dr. Jason Knight
4:00 pm	Frontiers 2025 Closing	Stephen Kingsmore, MD, DSc President & CEO, RCIGM
4:30 – 6:00 pm	RCIGM Reception	