

Team Telomere Micro Meeting

October 17-18, 2025

Rochester, Minnesota, Mayo Clinic - Geffen Auditorium

Friday, October 17th			
Time (CDT)	Event/Location		Speaker
7:30AM - 8:30AM	Registration and Breakfast		
8:20AM - 8:30AM	Welcome		Dr. Alejandro Ferrer
8:30AM - 10:15AM	Session 1: Advances in Telomere Length Testing and Diagnostics <i>Chairs: Dr. Rodrigo Calado & Dr. Alison Bertuch</i>		
	Community Summit Highlights 2025	12 min	Katie Stevens
	Clinical applications of Flow-FISH telomere length measurements	10min + 3min Q&A	Dr. Geraldine Aubert
	A cost-effective telomere profiling test for telomere-associated diseases	10min + 3min Q&A	Dr. Yun-Ling Zheng
	The emerging spectrum of pathogenic variants in Mexican patients with TBD	10min + 3min Q&A	Dr. Alfredo Rodríguez
	Advancements in chromosome-specific TL measurement from nanopore sequencing	10min + 3min Q&A	Dr. Alejandro Ferrer
	Exploring the clinical utility of HT-STELA	10min + 3min Q&A	Dr. Duncan Baird
	Diagnostic and Monitoring Recommendations for TBDs in PF	10min + 3min Q&A	Dr. Mary Beth Scholand
	Novel therapies for ILD	10min + 3min Q&A	Dr. Brad Johnson
10:15AM - 10:30AM	Break		
10:30AM - 12:30PM	Session 2: Genetics <i>Chairs: Dr. Tracy Bryan</i>		
	Patient perspective	10 min	Robin Huiras-Carlson
	Genetic Counseling in a Multidisciplinary Telomere Biology Disorder Clinic	12min + 3min Q&A	Laura Ongie, CGC
	Genetic Testing Considerations for Interstitial Lung Disease	12min + 3min Q&A	Kayla Troe, CGC
	Closing the diagnostic gap: evolving germline testing strategies to uncover missing heritability	12min + 3min Q&A	Kayla Hamilton
	Functional atlas of TERT missense variants	12min + 3min Q&A	Dr. Christopher Reilly
	Variant curation - TERC functional testing	12min + 3min Q&A	Dr. Will Mannherz
	Variant curation - TERT ClinGen	12min + 3min Q&A	Dr. Alison Bertuch
	The Role of Functional Genomics in Diagnosis of Telomere Biology Disorders	12min + 3min Q&A	Dr. Tracy Bryan
12:30PM-1:15PM	Lunch		
1:15PM - 2:30PM	Session 3: Bone Marrow Transplant & Bone Health <i>Chairs: Dr. Tim Olson</i>		
	Patient perspective	10 mins	Megan Stephens
	Bone marrow failure & transplant	16min + 3min Q&A	Dr. Christen Ebens
	Challenges in transplant conditioning intensity: short telomeres versus classic TBD's	16min + 3min Q&A	Dr. Tim Olson
	INSIGHT Bone Health study	12min + 3min Q&A	Dr. Jane Koo
2:30PM - 02:40PM	Break		
2:40PM - 3:50PM	Session 4: Clonal Hematopoiesis & Blood Surveillance <i>Chairs: Dr. Abhishek Mangaonkar</i>		
	Patient perspective	10 mins	Gerald Wyszczynski
	Telomeres and Tumors: Understanding the Cancer Landscape in Telomere Biology Disorders	10min + 3min Q&A	Dr. Maddie A. Franke
	Clonal Hematopoiesis	12min + 3min Q&A	Dr. Daria Babushok
	PPM1D and TP53 Mutations Attenuate Telomere Dysfunction in Myeloid Disease	12min + 3min Q&A	Dr. Fred Tsai
	Impact of short telomere microenvironment in propagating and promoting clonal hematopoiesis	12min + 3min Q&A	Dr. Abhishek Mangaonkar
3:50PM - 4:00PM	Break		
4:00PM - 4:45PM	CCCTAA Meeting	Zoom link to follow	

Saturday, October 18th			
Time (CDT)	Event / Location		Speaker
8:00AM - 8:30AM	Breakfast		
8:25AM - 8:30AM	Welcome		Dr. Christopher Reilly
8:30AM-10:15AM	Session 5: Pulmonary manifestations <i>Chairs: Dr. Eva Carmona</i>		
	Patient perspective	10 mins	Mike Huiras
	Interstitial Lung Disease Among Patients with Telomere Biology Disorders: Current Understanding and a Look Forward	10min + 3min Q&A	Dr. Kathryn DelValle and Dr. Eva Carmona
	Pathobiology of pulmonary fibrosis	10min + 3min Q&A	Dr. Christine Garcia
	Leveraging Telomere Genetics to Inform ILD Management	10min + 3min Q&A	Dr. Chad Newton
9:35AM - 9:45AM	Break		
	How to Assess Lung Function in TBDs	10min + 3min Q&A	Dr. Laura Walkup
	The Short Telomere Syndrome and Its Impact on Lung Transplantation	10min + 3min Q&A	Dr. John McDyer
	Dual organ transplantation in TBD	10min + 3min Q&A	Dr. Marie Budev
10:15AM - 10:30AM	Break		
10:30AM-11:30AM	Session 6: Liver manifestations <i>Chairs: Dr. Kas Myers</i>		
	Patient perspective	10 mins	Heidi Carson
	Hepatic Complications in TBDs	10min + 3min Q&A	Dr. Douglas Simonetto
	Liver Transplantation in Telomere Biology Disorders	10min + 3min Q&A	Dr. Batul Kaj-Carbaidwala
	Liver-related Findings and Outcomes in a Telomere Biology Disorder Clinic	10min + 3min Q&A	Kianna Nguyen
11:30AM-12:30PM	Break		
12:30PM-2:00PM	Session 7: Novel Therapies for TBD <i>Chairs: Dr. Suneet Agarwal</i>		
	Patient perspective	10 mins	Jena Robertson
	Nucleoside Therapy in Telomere Biology Disorders: A Phase 1 Trial	12min + 3min Q&A	Dr. Helen Reed
	Gene Therapy for Telomere Elongation for patients with TBDs	12min + 3min Q&A	Dr. Kas Myers
	Treatment of IPF and bone marrow failure in TBD with telomeric antisense oligonucleotides (tASO)	10min + 3min Q&A	Dr. Fabrizio d'Adda Di Fagagna
	Danazol for telomere biology disorders	12min + 3min Q&A	Dr. Emma Groarke
	<i>Telomerase mRNA for the treatment of IPF</i>	12min + 3min Q&A	Dr. John Ramunas
2:00PM-2:15PM	Break		
2:15-3:30PM	Session 8: Breakout Sessions <i>Chairs: Dr. Alejandro Ferrer & Dr. Christopher Reilly</i>	Please review breakout session questions prior to start of the session	
	Topic 1: Enhancing TBD diagnostics and testing in adult populations		
	Topic 2: Drug Development Needs and Next Steps		
3:30PM-4:00PM	Session 9: Team Telomere Updates & Closing Remarks <i>Speakers: Katie Stevens, Hannah Raj & Laura Mainz, PhD</i>		
6:00-10:00	Cocktails & Chromosomes, Mayo Civic Center		