

COMING of AGE



October 29–31, 2025
Boston Marriott Cambridge
Cambridge, MA

AGENDA

Wednesday, October 29, Check-In and Poster Set-Up

3:00-5:00 PM	Registration Open in Grand Ballroom Foyer (Second Floor)
3:00-5:00 PM	Poster Set-Up in Ballroom Salon 5 – Please check in at Registration for set-up instructions

Wednesday, October 29, Day 1: Kickoff Session

5:00-5:15 PM	Introduction & Greetings from PRF	Audrey Gordon, Esq Scott Berns, MD, MPH, FAAP Leslie Gordon, MD, PhD The Progeria Research Foundation
5:15-5:25 PM	PRF Medical Research Remarks	Leslie Gordon
5:25-6:25 PM	“Coming of Age” Conversations: Young Adults with HGPS as Research Partners	Moderator: Merlin Waldron, USA Kaylee Halko, USA Amber Vandeweert-Wielemans and Michiel Vandeweert, Belgium Riccardo Zanolli, Italy
6:25-6:35 PM	Musical Kickoff	Francis Collins, MD, PhD
6:35-6:45 PM	Group Photo – All Attendees!	
6:45-8:00 PM	Dinner & Collaborative Interaction Time	

Thursday, October 30, Day 2: Workshop Sessions

8:00-9:00 AM	Bridging the Bench Mentor Session	
9:00-9:30 AM	Breakfast – <i>All posters should be set up by the start of the morning session</i>	
Morning Session: Current Treatments and Trials for Progeria Moderator: Mark Kieran, MD, PhD, Day One Biopharmaceuticals		
9:30-9:50 AM	*New Trial: Disease Progression in Progeria	Leslie Gordon, Boston Children’s Hospital and PRF
9:55-10:15 AM	*Phase 2a Progerinin Clinical Treatment Trial for Progeria	Monica Kleinman, MD Boston Children’s Hospital
10:20-10:40 AM	*Tools for Pivotal Science and Medicine in Progeria: Biomarker Assay Development, Qualification and Reagent Generation	Barbara Natke, PhD The Progeria Research Foundation
10:45-11:05 AM	*Late-Stage Treatment of Aortic Stenosis in HGPS	Ashwin Prakash, MD Boston Children’s Hospital
11:10-11:30 AM	Break	
11:35-11:50	<i>Late Breaking Presentation: A novel progerin-producing nonclassic HGPS phenotype: What progeria might look like with effective therapy</i>	Linda Bulmer, MD Sahlgrenska University Hospital Gothenburg, Sweden
11:55-12:20 PM	Poster Lightning Round	Poster Presenters
12:20-1:30 PM	Lunch and Collaborative Interaction Time	
Afternoon Session: Cardiovascular Disease in HGPS and Aging Moderator: Maria Eriksson, PhD, Karolinska Institute, Sweden		
1:30-1:50 PM	*New Autoptical Pathological findings Revealing HGPS Pathophysiology	Andrea Porzionato, PhD University of Padova, Italy

1:55-2:15 PM	*Single-cell Analysis Reveals the Phenotypic Landscape of Arterial Cells in Progeria	Maria Eriksson Lara Garcia Merino, MSc
2:20-2:40 PM	*Evaluation of Coronary Artery and Aortic Calcium in Progeria by Computed Tomography	Sunil Ghelani, MD Boston Children's Hospital
2:45-3:05 PM	*Angiopoietin-2: A Potential Therapeutic Target for Vascular Protection in HGPS	Lizzy Izydore, BS (for Kan Cao, PhD) University of Maryland
3:05-3:25 PM	Break	
3:25-3:45 PM	*Bridging the gap: Translating CVpathology to clinical assessments and research study design	Keri Shafer, MD & Sheila Hegde, MD UT Southwestern Medical Center
3:50-4:10 PM	*Progeria and Vascular Calcification: Diet and Treatments	Ricardo Villa Bellosta, PhD Center for Research in Molecular Medicine and Chronic Diseases (CiMUS), Spain
4:15-4:25 PM	Poster Elevation: LRRK2 Knockdown Rescues Progerin-Induced Premature Aging	Lukas Mann Institute of Molecular Biology Mainz, Germany
4:25-4:35 PM	Poster Elevation: National Interview Survey for Patients with Hutchinson-Gilford Progeria Syndrome and Progeroid Laminopathies and Their Families in Japan	Yuko Okawa, MD Oita University, Japan
4:35-5:30 PM	Adjourn Until Poster Session & Dinner	
Evening Session: Posters and Dinner		
5:30-6:30 PM	Poster Session Part 1	Even Numbered Posters*
6:00-7:00 PM	Dinner and Collaborative Interaction Time	
7:00-8:00 PM	Poster Session Part 2	Odd Numbered Posters*
Friday, October 31, Day 3: Workshop Sessions		
7:30-8:30 AM	Breakfast & Collaborative Interaction Time	
Morning Session 1: Progeria Treatment Discovery for a Healthy Future Moderator: Leslie Gordon		
8:30-8:50 AM	*AI-driven Therapeutic Antisense Oligonucleotide for HGPS	Ning Shen, PhD Zhejiang U. School of Medicine, China
8:55-9:15 AM	*Development of Gene Silencing (RNAi) & Gene Editing Therapeutics for HGPS	Nizar Saad, PhD Nationwide Children's Hospital
9:20-9:45 AM	*Mini Plenary: Next Generation Therapeutic Genome Editing	David Liu, PhD Broad Institute, MIT
9:50-10:10 AM	*ProSPER: Progeria Streamlined Platform Gene Editing for Rare Diseases	David Liu Francis Collins Leslie Gordon Meirui An, PhD, Broad Institute Mike Erdos, PhD, NHGRI
10:15-10:35 AM	*First-Generation PROTACs for Improving Progeria Phenotype	Silvia Ortega Gutierrez, PhD Univ. Complutense de Madrid, Spain
10:35-10:55 AM	Break	
Morning Session 2: Endocrine and GI Disease in Progeria Moderator: Vicente Andrés, PhD Centro Nacional de Investigaciones Cardiovasculares Carlos III, Spain		
10:55-11:15 PM	*Lipodystrophy and CV Pathology in HGPS	Vicente Andrés
11:20-11:40 PM	*Unraveling Accelerated Intestinal Ageing in HGPS Physiopathology: An Integrative Approach	Laurence Arbibe, MD, PhD INSERM Institut Necker Enfants Malades, France
11:45-12:05 PM	*Targeting Inflammation to Ameliorate HGPS Pathologies	Susana Gonzalo, PhD St. Louis Univ. School of Medicine
12:15-1:00 PM	Workshop Summary All Hands Discussion	Leslie Gordon and Francis Collins

Thanks for Coming and See You Next Time!

The 2025 PRF Progeria Workshop Organizing Committee

Leslie B. Gordon, MD, PhD (Chair) - *Medical Director, The Progeria Research Foundation; Professor of Pediatrics, Hasbro Children's Hospital, Boston Children's Hospital, and Harvard Medical School*

Audrey Gordon, Esq – *President and Executive Director, The Progeria Research Foundation*

Maria Eriksson, PhD – *Professor, Department of Medicine, Huddinge, Karolinska Institutet, Sweden*

Vicente Andrés, PhD – *Professor, Laboratory of Molecular and Genetic Cardiovascular Pathophysiology, and Director Dept. of Basic Res., Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC)*

Mark Kieran, MD, PhD – *VP Clinical Development, Day One Biopharmaceuticals*

Darrien Marazzo, BA – *Meeting Coordinator, The Progeria Research Foundation*

Elizabeth Maynard, CMP – *Workshop Planner, Executive Director, Etre Partners, LLC*



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