



The Progeria Research Foundation

10th Anniversary Workshop on Progeria

“From Bench to Bedside in a Decade”

April 11-13, 2010 • Seaport Hotel and World Trade Center • Boston, MA

AGENDA

DAY 1 – Evening Plenary Session – Sunday April 11
Location: The Lighthouse Meeting Room, Seaport Hotel

4:30-5:30pm	Registration: Pick up name badges and meeting binders	
5:30-5:45	Introduction, Greetings and Announcements	Leslie Gordon & Frank Rothman; PRF Exec. Dir. Audrey Gordon
5:45-6:45	Living with Progeria – Patients’ perspective: Round Table Q & A Children & parents living with Progeria	Amy Dockser Marcus Pulitzer Prize-winning journalist Wall Street Journal
7:00-8:00	<i>DINNER SERVED</i>	
8:00-9:15	Stunning insights from a rare disease	Francis Collins Director, NIH

Day 1 Late Evening Program

Location: Cityview2 Ballroom, World Trade Center, Seaport Hotel

9:30-11:00	Poster Set-up, Informal Gathering, and Refreshments	
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DAY 2 Morning session – Monday, April 12

Clinical Trials in Progeria

Location: Cityview Ballroom, World Trade Center at the Seaport Hotel

Moderator: Leslie Gordon

7:45-8:20 am	<i>CONTINENTAL BREAKFAST</i>	
8:20-8:25	Opening remarks	Leslie Gordon Brown University Children’s Hospital Boston
8:25-10:05	This segment will be devoted to new natural history findings, and preliminary findings during the Phase II treatment trial with lonafarnib (FTI) in children with Progeria <ul style="list-style-type: none"> ▪ Overview of trial design, and baseline analyses ▪ Toxicity, pharmacokinetics, and other aspects of FTI clinical trial ▪ Growth, bone health, and endocrine aspects of Progeria ▪ Vascular abnormalities in Progeria 	Leslie Gordon Mark Kieran Dana Farber Cancer Institute Catherine Gordon Children’s Hospital Boston Marie Gerhard-Herman Brigham & Women’s Hospital
10:00-10:30	<i>BREAK</i>	

Speakers with 30 minute time slots will have 20-25 minutes for talk and 5-10 minutes for discussion.

From Bench to Bedside in a Decade - Agenda

10:30-11:00	Natural history of neurovascular disease in Progeria	Nicolle Ullrich Children's Hospital Boston
11:30-12:00	Phase II treatment trial for Progeria and laminopathies with pravastatin and zoledronic acid	Nicolas Lévy University of Marseilles
12:00-1:00pm	<i>LUNCH</i>	

DAY 2 Afternoon session – Monday, April 12
Ageing, Cardiovascular Disease, and Progeria

Moderator: George Martin

1:00-1:15	Some unanswered questions regarding the pathogenesis of the vascular pathology associated with normative aging and Progeria	George Martin University of Washington
1:15-1:45	Cardiovascular disease in Progeria – from mouse models to human disease	Elizabeth Nabel Brigham & Women's Hospital
1:45-2:15	Endothelial activation and the vascular pathobiology of Progeria	Michael Gimbrone Brigham & Women's Hospital
2:15-2:45	Extracellular matrix integrity in vasculature and other tissues of Progeria mouse models and human pathological specimens	Thomas Wight Benaroya Research Institute University of Washington
2:45-3:15	Drug and genetic manipulations of prenylation and methyl esterification in <i>C. elegans</i>	Yosef Gruenbaum Hebrew University
3:15-3:45	<i>BREAK</i>	
3:45-5:15	POSTER SESSION, A-K by first author, refreshments	
5:15-6:45	POSTER SESSION, L-Z by first author, refreshments	
	<i>DINNER ON YOUR OWN</i>	

DAY 2 Evening Program – Monday, April 12

8:30-11:00pm	Open evening: informal conversations, refreshments	
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Speakers with 30 minute time slots will have 20-25 minutes for talk and 5-10 minutes for discussion.

DAY 3 Morning session – Tuesday, April 13
Lamins – Biochemistry and Pathophysiology
Moderator: Robert Goldman

7:45-8:20 am	BREAKFAST	
8:20-8:30	Opening remarks	Robert Goldman Northwestern University
8:30-9:00	Nuclear lamins: Essential; building blocks of nuclear architecture	Robert Goldman
9:00-9:30	Structure and assembly of wild-type & disease variants of human lamins A/C	Ueli Aebi University of Basel
9:30-10:00	Multi-scale mechanical changes in progerin-expressing cells	Kris Dahl Carnegie Mellon University
10:00-10:30	BREAK	
10:30-11:00	Defects in the Ran GTPase system in HGPS	Bryce Paschal University of Virginia
11:00-11:30	Stem cell depletion in a mouse model of Hutchinson-Gilford progeria syndrome	Maria Eriksson Karolinska Institute
11:30-11:45	Elevated Poster Abstract #1 Embryonic expression of the HGPS mutation in epidermis.	Ylva Rosengardten Karolinska Institute
11:45-12:00	Elevated Poster Abstract #2 Prelamin A in diverse tissues. What happens in health and disease?	Giovanna Lattanzi Institute for Molecular Genetics
12:00-1:00pm	LUNCH; 12:50-1:00 Announce Poster Competition Winners	

Day 3 Afternoon session – Tuesday, April 13
Cutting Edge Strategies for Research and Discovery
Moderator: Thomas Misteli

1:00-1:05	Introductory remarks	Tom Misteli National Cancer Institute
1:05-1:35	Future treatment tools and strategies	Tom Misteli
1:35-2:05	Human gene editing with engineered zinc finger nucleases	Fyodor Urnov Sangamo Biosciences
2:05-2:35	Stem cells and iPS cells in Progeria and laminopathies	William Stanford University of Toronto
2:35-3:05	Aging and inflammation: new insights and new targets	Judy Campisi Buck Institute for Age Research and Lawrence Berkeley National Laboratory
3:05-3:30	Closing comments and wrap-up	Meeting Organizers and Advisory Board members

Speakers with 30 minute time slots will have 20-25 minutes for talk and 5-10 minutes for discussion.