

# PCD on the Move 2024! - Preliminary Agenda

Thursday, January 25, 2:00 pm - 5:00 pm

PCD Nuts & Bolts		
Session Chairs Wilfredo De Jesús Rojas, MD ; Myrofora Goutaki, MD		
Lecture		
2:00- 2:10	Welcome and Introduction	Michele Manion, PCD Foundation
2:10-2:40	Clinical Features & Diagnostic Modalities	Margaret Leigh, MD
2:40-3:10	Treatment 'best practices'	Ricardo Mosquera, MD Michael O'Connor, MD
3:10-3:40	How to set up and build a PCD Center	Shailendra Das, MD Anne Griffiths, MD
Hands On		
3:40-4:00	Measuring Nasal Nitric Oxide	Michael O'Connor, MD Adam Shapiro, MD
4:00-4:20	Genetics	Maimoona Zariwala, PhD Alexander Ing, MS, CGC
4:20-4:40	Airway Clearance Modalities for PCD	Elizabeth Sagrado, RRT-NPS
4:40-5:00	High-Speed Videomicroscopy Analysis	Amelia Shoemark, PhD Wilfredo DeJesus Rojas, MD Mathieu Bottier, PhD

**5:30 to 6:30 pm**  
**Join us for a Welcome Reception**

# PCD on the Move 2024!

Friday, January 26, 8:00am - 4:45pm

## Session I: Basic and Translational Science

Session Chair: Pleasantine Mill, PhD; Amelia Shoemark, PhD

8:00-8:10	Chair Welcome	Session Chairs
8:10-8:35	How Basic Science Translates into Clinical Practice	Speaker Invited
8:35-9:00	3D Cilia Structure in PCD by Cryotomography	Speaker Invited
9:00-9:25	Inflammation and Neutrophil Extracellular Traps	Speaker Invited

Break (9:25 – 9:40am)

## Session II: Genetics

Session Chairs: Amjad Horani, MD; Maimoona Zariwala, PhD

9:40-9:50	Chair Welcome	Session Chairs
9:50-10:15	Update on Genetics and Diagnostic Challenges in PCD	Heymut Omran, MD
10:15-10:40	Function of ccdc39 and ccdc40 in Cilia Assembly and Contribution to Severe PCD Phenotype	Steve Brody, MD
10:40-11:05	Variants in Tubb4b Result in a Combined Ciliopathy	Pleasantine Mill, PhD
11:05-11:30	Developing Methods to Delete Genes of Interest or Insert Variants of Interest in iPSC Derived Airway Stem Cells	Andrew Berical, MD

Lunch (11:30am – 12:30pm)

## Session III: Cutting Edge Therapeutics

Session Chairs: Margaret Leigh, MD; Lawrence Ostrowski, PhD

12:30-12:40	Chair Welcome	Session Chairs
12:40-1:30	<b>Keynote:</b> Genetic Therapeutic Strategies	Pleasantine Mill, PhD
1:30-1:55	mRNA Therapy	Amanda Smith PhD
1:55-2:20	Oligonucleotides to Correct Spice Mutations	Silvia Kreda, PhD
2:20-2:45	Read-through of stop codons and approach to high-throughput screening	Christopher O'Callaghan, MD

## Fellows Case Reports

Session Chairs: Philip Robinson, MD

2:45-2:55	Introduction	Session Chair
2:55-3:15	Case Report	TBD
3:15-3:35	Case Report	TBD
3:35-3:55	Case Report	TBD
3:55-4:15	Case Report	TBD

## PCD Awards—Congratulations Awardees

4:15-4:45 Michele Manion, PCD Foundation

5:00 pm to 7:00 pm

Join us for Wine & Snacks

Poster Session

# PCD on the Move 2024!

Saturday, January 27, 8:00am- 4:30pm

Session I: PCD In Clinical Practice		
Session Chairs: Sharon Dell, MD; George M. Solomon, MD		
8:00-8:10	Chair Welcome	Session Chairs
8:10-8:35	Upper Airway in PCD	Adam Kimple, MD
8:35-9:00	Progression of Lung Disease in PCD	Margaret Rosenfeld, MD; Breanna Kinghorn, MD
9:00-9:25	Reproductive Issues in Men and Women Living with PCD	David Hall, PhD, MD
Break (9:25 – 10:00)		
Session I: Continued		
10:00-10:50	<b>Keynote:</b> Update on Bronchiectasis	James Chalmers, MD (Invited)
10:50-11:15	NTM & Challenging Infections in PCD	Kenneth Olivier, MD

Session II: Active Clinical Research Studies		
Working Lunch Session 11:15am – 12:15pm		
Session Chairs: Stephanie Davis, MD; Thomas Ferkol, MD		
11:15-11:25	Chair Welcome	Session Chairs
11:25-12:15	Overview of Current Studies	Session Chairs
Break (12:15 – 12:30)		

Session III: Global Initiatives		
Session Chairs: Shailendra Das, MD; Benjamin Gaston, MD; Hilda Metjian, MD		
12:30-12:40	Chair Welcome	Session Chairs
12:40-1:05	PCD Genetics—a Global Nomad Perspective	William Hannah, MD
1:05-1:30	PCD in Puerto Rico	Wilfredo De Jesús Rojas, MD
1:30-1:55	PCD Outreach to Mexico	Ricardo Mosquera, MD
1:55-2:20	Creating a PCD Expert Center in Kenya	Evans Machogu, MD
2:20-2:45	PCD in NA First Nations Peoples	Adam Shapiro, MD
Transition to Breakouts (2:45 – 3:00)		

Breakout Collaborative Teams: 3:00 pm – 4:30 pm		
Group A	Genetics & Genetic Counseling	
Group B	Allied Health	Nicole Capps, DNP; Jane Quante, RN. Elizabeth Sagrado, RRT; Kelli Sullivan, MPH; Tamara Vance, LICSW
Group C	Clinicians and Trainees GDMCC	Sharon Dell, MD; Speaker Invited
Group D	Basic Science	Amelia Shoemark, PhD
Group E	Laterality & Cardiac Manifestations	Thomas Saba, MD; Adam Shapiro, MD: Speaker Invited
4:00-4:25	Collaborative Team Report Out	
4:25- 4:30	Closing- Michele Manion	

# PCD on the Move 2024!

**Sunday, January 28**

**PCD Family Day**

English and Spanish

9:00am – 12:00pm

**Registry Meeting\***

\*By Invitation

8:00am – 2:00pm

OTM 2024 Meeting Adjourns