

PCD on the Move 2024!

Thursday, January 25, 2:00 pm - 5:15 pm

PCD Nuts & Bolts – San Juan 1-3			
Session Chairs : Wilfredo De Jesús Rojas, MD ; Myrofora Goutaki, MD			
Lecture 2 :00pm – 4 :15pm, San Juan 1-3			
2:00- 2:05	Welcome and Introduction	Michele Manion, PCD Foundation	
2:05-2:10	Chair Welcome	Session Chairs	
2:10-2:35	Clinical Features & Diagnostic Modalities	Margaret Leigh, MD	
2:35-3:00	Treatment ‘best practices’	Ricardo Mosquera, MD Michael O’Connor, MD	
3:00-3:25	Airway Clearance Modalities for PCD	Michael D. Davis, PhD	
3:25-3:50	Genetics	Maimoona Zariwala, PhD Alexander Ing, MS, CGC	
3:50-4:15	How to set up and build a PCD Center	Shailendra Das, MD Anne Griffiths, MD	
Hands On 4:15pm – 5:15pm			
4:15-5:15	Measuring Nasal Nitric Oxide	Michael O’Connor, MD Adam Shapiro, MD	San Juan 4-5
4:15-5:15	Genetics	Maimoona Zariwala, PhD Alexander Ing, MS, CGC	San Juan 4-5
4:15-5:15	Airway Clearance Modalities for PCD	Michael D. Davis, PhD	San Juan 1-3
4:15-5:15	High-Speed Videomicroscopy Analysis	Amelia Shoemark, PhD Wilfredo De Jesús Rojas, MD Mathieu Bottier, PhD	San Juan 1-3
5:30 to 7:00 pm			
Join us for a Welcome Reception			

PCD on the Move 2024!

Friday, January 26, 7:00am - 5:15pm

Breakfast 7:00am – 7:45am: San Juan 4-5

7:45 – 8:00	Welcome and Introduction	Michele Manion, PCD Foundation
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Session I: Basic and Translational Science 8:00am – 10:00am: San Juan 1-3

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

8:00-8:05	Chair Welcome	Session Chairs
8:05-8:30	scRNA Analysis of PCD Cells Uncovers New Cilia Related Pathways and Possible New Avenues for Treatment	Amjad Horani, MD
8:30-8:55	How Basic Science Translates into Clinical Practice	Hannah Mitchison, PhD; Claire Hogg, MD
8:55-9:20	3D Cilia Structure in PCD by Cryotomography	Alan Brown, MD
9:20-9:45	Inflammation and Neutrophil Extracellular Traps	Marcos J. Ramos-Benitez, PhD
9:45-10:00	Abstract: Salivary Microarray Gene Expression of Pro-Inflammatory Cytokines in Patients with PCD	Diana Larrain, MD

Break (10:00am – 10:15am) – San Juan Foyer

Session II: Genetics 10:15am – 12:15pm: San Juan 1-3

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

10:15-10:20	Chair Welcome	Session Chairs
10:20-10:45	Update on Genetics and Diagnostic Challenges in PCD	Heymut Omran, MD
10:45-11:10	Function of CCDC39 and CCDC40 in Cilia Assembly and Contribution to Severe PCD Phenotype	Steve Brody, MD
11:10-11:35	Variants in Tubb4b Result in a Combined Ciliopathy	Pleasantine Mill, PhD
11:35-12:00	Developing Methods to Delete Genes of Interest or Insert Variants of Interest in iPSC Derived Airway Stem Cells	Andrew Bercal, MD
12:00-12:15	Abstract: The Effects of Gene Dosage of the Cilia Motor Assembly Factor Dnaaf5 on PCD	Amjad Horani, MD

Lunch (12:15pm – 1:15pm) – San Juan 4-5

Session III: Cutting Edge Therapeutics 1:15pm – 3:25pm: San Juan 1-3

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

1:15 – 1:20	Chair Welcome	Session Chairs
1:20 – 2:10	Keynote: Genetic Therapeutic Strategies	Pleasantine Mill, PhD
2:10-2:35	mRNA Therapy	Amanda Smith, PhD
2:35-3:00	Oligonucleotides to Correct Spice Mutations	Silvia Kreda, PhD
3:00-3:25	Read-through of stop codons and approach to high-throughput screening	Christopher O'Callaghan, MD

Break (3:25 – 3:40pm) – San Juan Foyer

Fellows Case Reports 3:40pm – 4:45pm: San Juan 1-3

Session Chairs: Margaret Leigh, MD; Marcus H. Jones, MD, PhD, ATSF

3:40-3:45	Introduction	Session Chairs
3:45-3:57	In silico prenatal analysis of a DNAH11 VUS in trans with a known pathogenic variant predicted abnormal splicing and exon skipping; this information led to optimized perinatal care	John Wells, MD/PhD Student
3:57-4:09	An Unexpected Diagnosis of PCD in a Medically Complex Patient	Mallory Walsh, MD
4:09-4:21	Burkholderia Cepacia Complex in Primary Ciliary Dyskinesia	José Muñoz-Hernández, MS1
4:21-4:33	Severe obstructive lung disease and liver transplantation in a teenager with mutations in CCDC40	Ye Sun, MD, MPH
4:33-4:45	Insights from hyperpolarized 129-xenon MRI during the treatment of a pulmonary exacerbation in a child with PCD	Wallace Wee, MD

PCD Awards–Congratulations Awardees: San Juan 1-3

4:45-5:15	Michele Manion, PCD Foundation
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5:30 pm to 7:30 pm - Join us for Wine & Snacks

Poster Session

PCD on the Move 2024!

Saturday, January 27, 7:00am- 5:00pm

Breakfast 7:00 – 8:00am: San Juan 4-5		
Session I: PCD In Clinical Practice 8:00am – 11:05am: San Juan 1-3		
Session Chairs: Sharon Dell, MD; George M. Solomon, MD		
8:00-8:05	Chair Welcome	Session Chairs
8:05-8:30	Upper Airway in PCD	Adam Kimple, MD
8:30-8:55	Progression of Lung Disease in PCD	BreAnna Kinghorn, MD
8:55-9:20	Reproductive Issues in Men and Women Living with PCD	David Hall, PhD, MD
Break (9:20 – 9:35am) – San Juan Foyer		
Session I: Continued		
9:35-10:25	Keynote: Update on Bronchiectasis	James Chalmers, MD
10:25-10:50	NTM & Challenging Infections in PCD	Kenneth Olivier, MD
10:50-11:05	Abstract: Investigation of Shared Pseudomonas Aeruginosa Strains in PCD	Lindsey Caverly, MD
Transition to Lunch (11:05 – 11:20am) – Box Lunch Pickup in San Juan Corridor		

Session II: Active Clinical Research Studies		
Working Lunch Session 11:20am – 12:35pm: San Juan 1-3		
Session Chairs: Stephanie Davis, MD; Thomas Ferkol, MD		
11:20-12:10	Overview of Current Studies	Session Chairs
12:10-12:35	PCD Foundation Registry Update	Michael O'Connor, MD
Break (12:35 – 12:50pm) – San Juan Foyer		

Session III: Global Initiatives 12:50pm – 3:15pm: San Juan 1-3		
Session Chairs: Shailendra Das, MD; Benjamin Gaston, MD; Hilda Metjian, MD		
12:50-12:55	Chair Welcome	Session Chairs
12:55-1:20	PCD Prevalence Estimates: Information from a Large Genomic Database	William Hannah, MD
1:20-1:45	PCD in Puerto Rico	Wilfredo De Jesús Rojas, MD
1:45-2:10	PCD Outreach to Mexico	Ricardo Mosquera, MD
2:10-2:35	Creating a PCD Expert Center in Kenya	Evans Machogu, MD
2:35-3:00	PCD in North American First Nations Peoples	Adam Shapiro, MD
3:00-3:15	Abstract: PCD in Argentina: Diagnostic Approach and Age at Diagnosis	Juan Balinotti, MD
Transition to Breakouts (3:15 – 3:25pm)		

Breakout Collaborative Teams: 3:25pm – 5:00pm			
Breakout Sessions 3:25 – 4:25pm			
Group A	Genetics & Genetic Counseling	Maimoona Zariwala, PhD; Alexander Ing, CGC	Bahia 1
Group B	Allied Health	Nicole Capps, DNP; Jane Quante, RN; Michael D. Davis, PhD; Kelli Sullivan, MPH; Tamara Vance, LICSW	Laguna 2
Group C	Clinicians and Trainees GDMCC	Sharon Dell, MD; Wallace Wee, MD	San Juan 1-3
Group D	Basic Science	Amelia Shoemark, PhD	Bahia 2
Group E	Laterality & Cardiac Manifestations	Thomas Saba, MD; Adam Shapiro, MD	Laguna 1
4:25-4:30	Transition to Main Conference Room (San Juan 1-3)		
4:30-4:55	Collaborative Team Report Out		
4:55- 5:00	Closing- Michele Manion		

PCD on the Move 2024!

Sunday, January 28

PCD Family Day: San Juan 4-5

English and Spanish

8:00am – 12:00pm Breakfast and Programming

Registry Meeting and Oversight Committee: San Juan 1-3

7:30am – 8:00am Breakfast

8:00am – 9:00am Registry Meeting

9:00am – 1:00pm Oversight Committee Meeting

OTM 2024 Meeting Adjourns