

Meeting programme

Virtual Meeting: Developmental Disorders: From Mechanism to Treatment

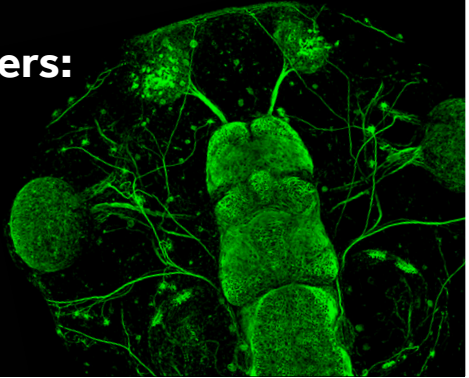
14 – 17 September 2021

Online



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Tuesday 14 September

12:55 – 13:00	Arrival	
13:00 – 13:15	Introduction & Who are The Company of Biologists?	
13:15 – 13:40	Stefan Mundlos	Regulation of dorso-ventral patterning by long non-coding RNA MAENLI
13:40 – 14:05	Karen Liu	Identification of novel causative genes in neural crest anomalies: using animal models to link genes to mechanism
14:05 – 14:20	Selected short talk	
14:20 – 14:40	Meet the speaker	
14:40 – 15:05	Monica J. Justice	Modifier genes as pathways to treatment: Lessons from Rett syndrome
15:05 – 15:10	Sponsored talk 1	
15:10 – 15:15	Sponsored talk 2	
15:15 – 15:40	Álvaro Rada-Iglesias	Compatibility between genes and enhancers in development and congenital disease
15:40 – 16:00	Meet the speaker	
16:00 – 16:15	Break	
16:15 – 16:40	Nicholas Katsanis	A journey of discovery: From genetic discovery to a new drug for rare disease

16:40 – 17:05	Xin Sun	What a rare disease taught us about a fundamental mechanism of lung fluid control
17:05 – 17:20	Selected short talk	
17:20 – 17:40	Meet the speaker	
17:40 – 18:30	Social activity	
18:30	End of day 1	

Wednesday 15 September

12:55 – 13:00	Arrival	
13:00 – 14:00	Selected flash talks	
14:00 – 14:15	Break	
14:15 – 14:40	Dagan Jenkins	Evidence that stochastic processes contribute to clinical variability in exact genetic mouse models of ciliopathies
14:40 – 14:45	Sponsored talk 3	
14:45 – 15:10	Eric Olsen	CRISPR correction of muscle disease
15:10 – 15:15	Sponsored talk 4	
15:15 – 15:40	David Rowitch	Advanced diagnosis, functional genomics and new treatments for Pelizaeus-Merzbacher Disease (PMD)
15:40 – 16:00	Meet the speaker	
16:00 – 16:10	Break	
16:10 – 16:25	Patient stories	
16:25 – 16:40	Clinicians' perspective	
16:40 – 17:10	Panel discussion	
17:10 – 17:25	Free discussion	
17:25	End of day 2	

Thursday 16 September

12:55 – 13:00	Arrival	
13:00 – 13:25	Ian Smyth	Using functional genomics to understand inherited kidney disease
13:25 – 13:50	Phillip Beales	TBC
13:50 – 14:05	Selected short talk	
14:05 – 14:25	Meet the speaker	
14:25 – 14:35	Break	
14:35 – 15:00	Emily Noël	Using zebrafish to understand the role of the extracellular matrix in cardiac morphogenesis
15:00 – 15:25	Jeanne Amiel	The endothelin pathway and shaping the face in human
15:25 – 15:35	Selected short talk	
15:35 – 15:55	Meet the speaker	
15:55 – 17:30	Selected flash talks	
17:30	End of day 3	

Friday 17 September

12:55 – 13:00	Arrival	
13:00 – 14:00	Selected flash talks	
14:00 – 14:15	Break	
14:15 – 14:40	Han Brunner	Dominant and recessive, mutation and selection: The landscape of human disorders of cognitive development
14:40 – 14:55	Selected short talk	
14:55 – 15:20	Brian Ciruna	“Fishing” for causes and cures in adolescent idiopathic scoliosis
15:20 – 15:35	Selected short talk	
15:35 – 15:55	Meet the speaker	
15:55 – 16:05	Break	

16:05 – 16:30	Lori Sussel	RNA dysregulation in the pancreatic islet contributes to diabetes
16:30 – 16:55	Lee Niswander	The what, the why and the how of neural tube defects
16:55 – 17:20	Lilianna Solnica-Krezel	Using zebrafish to solve medical mysteries of the Undiagnosed Diseases Network
17:20 – 17:40	Meet the speaker	
17:40 – 17:45	Meeting summary/closing statements	
17:45	End of day 4	