

# Hubrecht Symposium 2025

## Developmental Biology - Morphogenesis and cell fate decisions

**08:30 - 09:30 Register & coffee at the Hubrecht Institute**

**Session 1 - Accelerator - Chair: Ina Sonnen, Hubrecht Institute**

- 09:30 - 09:35 Welcome and introduction by Geert Kops, director Hubrecht Institute  
09:35 - 10:20 Keynote: Ben Simons, Gurdon Institute and Cambridge Stem Cell Institute  
"Spermatogenesis: a paradigm of stem cell regulation"  
10:20 - 10:35 Selected talk: Jonas Mars, Hubrecht Institute  
"The conserved Wnt target gene Eva1c is required for intestinal stem cells to remain in their niche"  
10:35 - 11:00 Felicity Jones, University of Groningen  
"Evolutionary tinkering with gene regulation - pleiotropic constraints shape adaptive divergence"

**11:00 - 11:35 Coffee break at the Hubrecht Institute**

**Session 2 - Accelerator - Chair: Thijs van Boxtel, University of Amsterdam**

- 11:35 - 12:00 Ans van Pelt, Amsterdam UMC  
"Spermatogonial stem cells: developmental biology and therapeutic potential"  
12:00 - 12:15 Selected talk: Noelia Antón-Bolaños, UMC Utrecht  
"Human brain organoids record the passage of time"  
12:15 - 12:40 Masoud Zamani Esteki, Maastricht University and Maastricht UMC  
"Genome instability in early development and its impact in health and disease"

**12:40 - 14:40 Lunch and poster session at the Hubrecht Institute**

**Session 3 - Accelerator - Chair: Isabel Misteli Guerreiro, Hubrecht Institute**

- 14:40 - 15:05 Gert Jan Veenstra, Radboud Institute for Molecular Life Sciences  
"Heart evolution, development and differentiation"  
15:05 - 15:20 Selected talk: Silke Henkes, Leiden University  
"Spiral-eyes: A soft active matter model of in vivo corneal epithelial cell migration"  
15:20 - 15:45 Jeroen Bakkers, Hubrecht Institute  
"The fish that heals: unraveling the mysteries of cardiac regeneration"

**15:45 - 16:25 Tea break at the Hubrecht Institute**

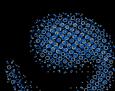
**Session 4 - Accelerator - Chair: Jop Kind, Hubrecht Institute**

- 16:25 - 16:40 Selected talk: Arghyadip Mukherjee, École Normale Supérieure  
"Topological interactions drive the first fate decision in the fly embryo"  
16:40 - 17:25 Keynote: Fiona Watt, EMBO director, EMBL Heidelberg and King's College London  
"Functional and spatial heterogeneity of skin fibroblasts"

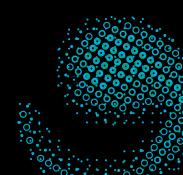
**17:25 - 17:30 Poster award ceremony by Daniel Krüger, Hubrecht Institute  
Closing by Jop Kind, Hubrecht Institute**

**17:30 - 18:30 Drinks and networking at the Hubrecht Institute**

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Developmental Biology  
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