



Evelyne Sernagor Memorial Symposium
28th October 2025
David Shaw Lecture Theatre
Faculty of Medical Sciences, Newcastle University

9:00 – 9.45am Arrival/Coffee

9:45 – 10:00am Introduction/Opening
Profs Alex Thiele/Any Hurlbert

10:00 – 11:00am Multielectrode Technologies

10:00: Luca Berdondini (Istituto Italiano De Tecnologia, Genova)
“TBC”

10:30: Dr Gerrit Hilgen (Northumbria University)
“*Spikes and where to find them in the retina.*”

10:45: Dr Annette Allen (The University of Manchester)
“*Vision around the clock.*”

15 min break

11:15am – 12:15pm Computational Neuroscience

11:15: Prof Stephen Eglen (University of Cambridge)
“*Majestic collaborations in neuroscience over the internet and in real-life.*”

11:45: Dr Jean de Montigny (Universite de Montpellier)
“*Retinal self-organization: a model of retinal ganglion cells mosaic formation.*”

12:00: Dr Luke Bashford (Newcastle University)
“*Closed-loop stimulation of retinal tissue.*”

12:15 – 1:30pm Lunch

1:30 – 2:30pm Neurodevelopment, GABA, waves:

1:30: Prof Matthias Hennig (University of Edinburgh)

“Of mice and turtles: the majestic journey of retinal development.”

2:00: Dr Michael Savage (Newcastle University)

“Retinal Waves, Angiogenesis, and Apoptosis: Coordinated Development of the Retina.”

2:15: Cori Bertram (Newcastle University)

“The Role of Autofluorescent Cluster Complexes in the Mouse Retina During Early Postnatal Development.”

15 min break

2:45 – 3:45pm Retinal degeneration and Repair

2:45: Prof Silvia Bisti (University of L'Aquila, Istituto Nazionale Biosistemi e Biostrutture Roma)

“Neurodegenerative diseases: Saffron, resilience, aging.”

3:15: Prof Majlinda Lako's lab (Newcastle University)

“Partial restoration with photoreceptor stem cell derived transplants.”

3.30: Dr Laura Young (Newcastle University)

“Imaging individual photoreceptors in the living eye.”

3:45 – 4:00pm: Closing Remarks

Prof Andrew Jackson

The meeting will be available as a live webinar:

[Join the meeting now](#)

Meeting ID: 342 504 272 248 9

Passcode: qd3em6wp



Image of mouse whole retina
(courtesy of Sernagor lab)