

Anatomical Society Oxford Meeting 2025 Schedule

10 and 25 min talks.

Day 1	Auditorium	Other locations
9.30 onwards		Registration: Porters' lodge then auditorium foyer
10:00-12:00		Pre-meeting workshop: Anatomy Suite, Oxford University Medical Sciences Teaching Centre
12:00-2:00		Buffet lunch in the hall
1:00-2:00	Workshop: How to get published in the Journal of Anatomy	
2.00-2.10	Opening remarks: Tracey Wilkinson, Zoltan Molnar, Gavin Clowry	
2.10-3.55	Symposium session 1. Chair- Flora Vaccarino	
2.10-2.35	Madeline Lancaster - Exploring mechanisms controlling human brain evolution using organoids	
2.35-3.00	Katie Long - How the extracellular matrix shapes the developing human cortex.	
3.00-3.25	Eva Anton - Primary Cilia: A Novel Signaling Gateway to Cortical Neural Circuits	
3.25-3.35	Thomas Theil - Modelling the role of the primary cilia gene CEP41 in autism spectrum disorder using human cortical organoids	
3.35-3.45	Sinaoife Andrews: Elsevier Presentation- Complete Anatomy New Neuroanatomy Model	
3.45-4.15		Refreshments in the Marquee
4.15-5.50	Symposium session 2: Chair- Masahiro Tsuji	
4.15-4.40	Rebecca Slater - The painful brain: developing pain perception in early infancy	
4.40-5.05	Jetro Tuulari - Prenatal exposures and early life neuroimaging – the importance of looking beyond the first weeks of life	
5.05-5.30	Ana Namburete - Mapping Fetal Brain Anatomy with Ultrasound and AI.	
5.30-5.40	Michael O'Connor - Mapping Early Psychosis: Hippocampus and Amygdala output differences in Adolescents with Psychotic Experiences	
5.40-5.50	Aaron Barron - Peripheral immune proteins predict reduced cortical thickness in 5-year-old human children	
6:00-7:00		Poster session 1 and drinks reception sponsored by Anatomage in the Marquee
6.30-8:00		Art exhibition, drinks in The Barn
7:00 onward		Student Social event in the Marquee

Day 2	Auditorium	Other locations
8.25-10.40	Symposium session 3: Chair-Gavin Clowry	
8.25-8.35	Aarushi Vaidya -Can early forebrain patterning/ holoprosencephaly (HPE) be modelled <i>in vitro</i> using 2D and/or 3D human induced pluripotent stem cell models?	
8.35-8.45	Daniel Berg - Mapping and modelling neural stem cell dynamics in the developing human dentate gyrus	
8.45-8.55	Muhammad Assir - IL-17A Alters Human Cortical Development in a 3D Ex Vivo Model of Maternal Immune Activation	
8.55-9.05	Andrew Copp - Chiari II brain malformation is secondary to open spina bifida: evidence from a new mouse genetic model	
9.05-9.15	Nicoletta Kessaris - Molecular multitaskers: the pleiotropic power of transcriptional co-factors in mouse cortical development	
9.15-9.40	Chiaki Ohtaka-Maruyama - Molecular Basis of Subplate Layer Expansion in Human Fetal Brain Development	
9.40-10.05	Arnold Kreigstein - Genomic insights into human brain development and disease	
10.05-10.30	Maxwell systems presentation: Anastasiia Tourbier - Next-Generation Electrophysiology for Functional Characterization of Human Neural Organoids and Assembloids.	
10.30-11.00		Refreshments in the Marquee
11.00-12:00	Symposium session 4: Chair- Alain Chedotal	
11.00-11.25	Nenad Sestan - Origins of the Prefrontal Cortex and Cognitive-Emotional Networks: What Makes Us Human	
11.25-11.50	Zeljka Krsnik - Initial regional patterning and laminar dynamics in the developing human prefrontal cortex.	
11.50-12.00	Mohammed Abuelem - Cortical Layer 6 Drd1a-Cre+ neurons mediate dopaminergic-driven activation of the murine medial prefrontal cortex	
12:00-2:00		Buffet lunch in Hall
12:30-1:30		Poster Session 2 in Marquee
2.25-3.40	Symposium session 5: Chair- Zoltan Molnar	
	Sophie Miller prize talk: Orla Mitchell - Early Life Adversity & Brain Structure: A Longitudinal Structural Human MRI study.	
2.25-2.50	Masahiro Tsuji - Pathophysiology of neurodevelopmental disorders associated with low birthweight.	
2.50-3.15	David Price - Variation in human brain development. Sponsored by Primal Pictures	
3.15-3.40	Helen Stolp - Short- and long-term effects of acute early-life activation of the GABA _A receptor on neuronal development.	
3.40-4.10		Refreshments in the Marquee
4.10-5.50	Symposium session 6: Chair- Zeljka Krsnik	
4.10-4.35	Alain Chedotal - tridimensional analysis of human nervous system development	
4.35-5.00	Anton Tonchev - An insight into human cortical development from adult neurogenesis	
5.00-5.25	Tim Zolnik - Orexin-activated neurons of the human cortex	

5.25-5.50	Sara Bandiera - Extrinsic modulation of cortical development by early thalamic innervation in the human foetal brain	
6:00-6.30	History of neuroscience lecture: Zoltan Molnar	
6.45 for 7.30		Drinks reception followed by the Gala dinner in The Hall

Day 3	Auditorium	Other locations
8.30-10.30	Symposium Session 7. General Anatomy and Education: Chair- Cecilia Brassett	
8.30-8.40	Jason Sparks - Pituitary adenylate cyclase-activating polypeptide (PACAP) mediates bacterial endotoxin-induced fever via an effect on cyclooxygenase-2 and inflammatory cytokines in mice.	
8.40-8.50	Natalia Penar - Mechanisms of epithelial symmetry-breaking during mammalian morphogenesis	
8.50-9.00	Eavan Pakenham - Selenium and Magnesium Functionalised Scaffolds for Dual Bone Regeneration and Anti-Cancer Therapy	
9.00-9.10	Louise Hosty - Development of a Pro-Angiogenic Hyaluronic Acid Hydrogel Decorated with Vascular Cell-Derived ECM	
9.10-9.20	Meric Goker - Advanced Synovial Microneedle Technology for Drug Delivery to Prevent Post Traumatic Osteoarthritis	
9.20-9.30	Sophie Mok - Evaluating osteoblast-fibroblast co-culture in a multiphasic calcaneofibular bone-ligament scaffold	
9.30-9.40	Anne O'Callaghan - Developing an Injectable Hyaluronic Acid-based Hydrogel Containing Non-viral P2X7R Silencing RNA Nanoparticles For The Treatment Of Post-Traumatic Temporal Lobe Epilepsy	
9.40-9.50	Ryan Smith - A simplified clinically applicable classification of Circle of Willis variants.	
9.50-10.00	Honey Zahra - Exploring Anatomy Education: A Comparative Analysis of Cadaver Dissection and 3D Anatomical Study Tool	
10.00-10.10	Leandros Raptas - Equipping future clinicians: Inclusive anatomy teaching amid legal and social challenges to gender equity	
10.10-10.20	Andras Nagy - exploring the teaching traditions of Central European anatomists through the Erasmus+ LEANbody collaborative project	
10.20-10.30	Anatmage presentation: Daniela Cacciabue - Anatomy at Sheffield- From Scalpel to Virtual Dissection and Beyond	
10.30-11.20	Symposium session 8: Chair- Nenad Sestan	
10.30-10.55	Tom Nowakowski - Uncovering the strategies of human radial glia using high throughput genomics	
10.55-11.20	Becky Carlyle - Advances in human brain proteomics; Increased-throughput, sub-cellular discovery, and post-translational modifications	
11.20-11.50		Refreshments in the Marquee

11.50- 1.10	Symposium session 9: Chair-David Price	
11.50-12.15	Flora Vaccarino- Organoid models of human brain development and developmental disorders	
12.15-12.40	Faye McLeod- Modelling monogenic epilepsy in human foetal brain slice cultures	
12.40-1.05	Luana Campos Soares- 3D printing cortical progenitors to study human brain development	
1.05-1.20	Closing remarks and prizes.	

