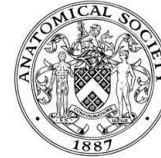


ANATOMICAL SOCIETY VIRTUAL MEETING

VISION AND VISUALISATION: 6th-8th January 2021

#anatsocwintervirtual



CONFERENCE PROGRAMME

DAY ONE: Wednesday 6th January 2021 (GMT)

SESSION 1: AUDITORIUM *Live Webinar* Chair: Iain KEENAN @dr_keenan

- **08:45** *Conference Welcome*

VISUALISATION SYMPOSIUM: ORAL PRESENTATIONS

- **09:00** **Gabrielle FINN** (University of Manchester, UK) @gabs_finn
Visualising What Lies Beneath: The Role of Art in Anatomy Curricula
- **09:40** **Caroline EROLIN** (University of Dundee, UK) @CarolineErolin
Interactive 3D Digital Models for Anatomy and Medical Education

SPONSOR ORAL PRESENTATION

- **10:20** **Johan CARLEGRIM** (Sectra Medical Education)
Trends in Medical Education: Where Are We Heading?

BREAK (EXHIBIT HALL)

- **10:30** POSTERS AND EXHIBITORS

SESSION 2: AUDITORIUM *Live Webinar* Chair: Joanna MATTHAN @DocMatthan

VISUALISATION SYMPOSIUM: ORAL PRESENTATIONS

- **10:45** **Iain KEENAN** (Newcastle University, UK) @dr_keenan
Brave New World: Adapting 3D Visualisation for Post-pandemic Curricula

YOUNG INVESTIGATORS: ANATOMY EDUCATION ORAL PRESENTATIONS

- **11:25** **Abdullah BEN AWADH** (Newcastle University, UK) @a_benawadh
Supporting Medical Student Learning Through Integration of Remote Digital Embryology Resources
- **11:40** **Tilly GIBSON-WATT** (University of Edinburgh, UK) @Dr_JZP
Can 3D Scanning Be Used to Produce a Virtual Skeleton for Teaching Online?
- **11:55** **Ayaa ALI** (Northumbria University, UK) @AyahGamil
Effectiveness and Usability of an Anatomy E-learning Module Created Using Articulate Storyline
360

SPONSOR ORAL PRESENTATION

- **12:10** **Marta BRAIDA** (Anatamage) @Anatamage
Anatamage Table: Interactive Anatomy and Physiology Learning Through Virtual Dissection

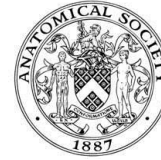
BREAK (EXHIBIT HALL)

- **12:20** POSTERS AND EXHIBITORS

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SESSION 3: AUDITORIUM *Live Webinar* Chair: Gavin CLOWRY

JOURNAL OF ANATOMY BEST PAPER PRIZE: ORAL PRESENTATION

- **13:00 Petra KRAUS** (Clarkson University, Potsdam, NY, USA)
Potential Biomarkers and Phenotyping of Heterogeneous Bovine Intervertebral Disc Cells

SELECTED ABSTRACTS: ORAL PRESENTATIONS

- **13:40 Eloy GALVEZ-LOPEZ** (University of York, UK)
Mandible Shape Variation in Minks: Separating Two Highly Similar Species
- **13:55 Aishwarya Jayakumaran RAJESWARI** (Christian Medical College, Vellore, India)
Anatomical Considerations of Median Nerve Entrapment in the Proximal Forearm
- **14:10 Thomas O'MAHONEY** (Anglia Ruskin University, UK) @bones2bytes
Endostructural Growth of the Human Humerus
- **14:25 Ekrem SOLMAZ** (Selcuk University, Turkey) @EkremSolmazMD
Relationship Between Hand and Superficial Palmar Arch Morphometric Development

BREAK (EXHIBIT HALL)

- **14:40 POSTERS AND EXHIBITORS**

SESSION 4: AUDITORIUM *Live Webinar* Chair: Evelyne SERNAGOR @esernagor1

YOUNG INVESTIGATORS: ORAL PRESENTATIONS

- **14:55 Fiona CRONIN** (University of Limerick, Ireland) @FionaCronin2
Investigating the Role of the Mesentery in the Innervation of the Gut and Enteric Nervous System
- **15:10 Evangelos PASTERGIOS** (University College London, UK)
The Role of Cell-Extracellular Matrix Adhesions in Mouse Neural Tube Closure
- **15:25 Suveer SACHDEVA** (King's College London, UK)
The Role of Wnt Signalling in Maintaining Homeostasis of Murine Anterior Ocular Tissue

RETINAL DEVELOPMENT SYMPOSIUM: ORAL PRESENTATIONS

- **15:40 Robert HINDGES** (King's College London, UK) @RobertHindges
Structural and Functional Development of Amacrine Cells Underlying Orientation Selectivity
- **16:20 Jeremy KAY** (Duke University, USA)
Glial Cell-Cell Interactions that Assemble the Mouse Retina
- **17:00 Rachel WONG** (University of Washington, Seattle, USA)
Assembly and Disassembly of Retinal Foveal Circuits

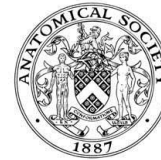
BREAK (EXHIBIT HALL)

- **17:40 POSTERS AND EXHIBITORS**

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SESSION 5: AUDITORIUM

FLASH TALKS: ANATOMY EDUCATION: *Live Webinar* Chair: Iain KEENAN @dr_keenan

- **19:00 Christopher RAMNANAN** (University of Ottawa, Canada) @chrisramnanan
Converting Cadaveric-based Exams to Virtual Image-based Assessments During Covid-19
- **19:07 Vivien SHAW** (Bangor University, UK)
The Virtual Dissection Room: Live-streamed Demonstrations to Complement Recorded Lectures
- **19:14 Ellen NELSON-ROWE** (Cardiff University, UK) @ellennelsonrowe
Collaborating During Covid-19: Developing Online Near-peer Resources
- **19:21 Leonard SHAPIRO** (University of Cape Town, South Africa) @leonard_shapiro
Body Painting with Palpation: Observation Exercise for Improved Spatial Awareness
- **19:28 Eva SWEENEY** (Queen's University Belfast, UK) @evamariesweeney
The Use of Google Jamboard, a Free Online Application, For Virtual Anatomy Practical Sessions
- **19:35 Charlotte WRAY** (University of Cambridge, UK)
Increasing Student Awareness of Human Anatomical Variations in a Dissection-based Course
- **19:42 BREAK (EXHIBIT HALL) POSTERS AND EXHIBITORS**

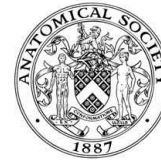
FLASH TALKS: ANATOMICAL SCIENCE: *Live Webinar* Chair: James NOTT @drjamesnott

- **20:00 Leyna BOUCHERIT** (INSERM, Paris, France)
3D Visualisation of Human Photoreceptor Anatomy Using Expansion Microscopy
- **20:07 Deidre CLISSMAN** (University College Dublin, Ireland)
Shedding Light on Glaucoma: A New Model of the Optic Nerve Head
- **20:14 Anna VERSCHUEREN** (INSERM, Paris, France)
The Ageing Eye: 3D Immunohistochemistry Analysis of Retinal and Choroidal Anatomy
- **20:21 Andrew LUNN** (Bangor University, UK) @AndrewLunn16
Vertebral Artery Supply to the Brain and Relationship with Intelligence Across Taxonomic Classes
- **20:28 Annie NORTHFIELD** (Bangor University, UK)
The Palaeolithic Field Guide: Assessing Morphological Accuracy of Animals in Cave Paintings
- **20:35 Thomas THEIL** (University of Edinburgh, UK)
Joubert Gene INPP5E Acts as Negative Regulator of Sonic Hedgehog in Human Brain Organoids
- **20:42 Thomas FRANCHI** (University of Sheffield, UK)
The Morphological Features and Surgical Importance of the Tensor Vastus Intermedius
- **20:49 Gareth DOBSON** (Royal Victoria Infirmary, Newcastle upon Tyne, UK) @gmdobson
The Occipital Venous Sinus: Considerations for Posterior Fossa Surgery, a Radiological Study

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DAY TWO: Thursday 7th January 2021 (GMT)

SESSION 6: AUDITORIUM *Live Webinar* Chair: Evelyne SERNAGOR @esernagor1

AGING CELL BEST PAPER PRIZE: ORAL PRESENTATION

- **09:00 Daniel SIMPSON** (University of Edinburgh, UK) @DanielJSimpson4
Partial Reprogramming Induces a Steady Decline in Epigenetic Age Before Loss of Somatic Identity

RETINAL REPAIR SYMPOSIUM: ORAL PRESENTATIONS

- **09:40 Majlinda LAKO** (Newcastle University, UK) @linda_lako
Making Retinal Organoids: A Voyage of Discovery!

BREAK (EXHIBIT HALL)

- **10:20** POSTERS AND EXHIBITORS

SESSION 7: AUDITORIUM *Live Webinar* Chair: Evelyne SERNAGOR @esernagor1

RETINAL REPAIR SYMPOSIUM: ORAL PRESENTATIONS

- **10:35 Enrica STRETTOI** (CNR, Pisa, Italy)
Pathogenic Role of Inflammation in Retinitis Pigmentosa: Studies on Mouse Models
- **11:15 Silvia BISTI** (Italian Institute of Technology, Italy)
Saffron and Retinal Neuroprotection

SPONSOR PRESENTATION

- **11:55 Athanasios RAIKOS and Panagiota KORDALI** (3D ORGANON) @DrRaikos @Giotakordali
How to Deliver Anatomy Sessions with VR Technologies: Common Use Case Scenarios

BREAK (EXHIBIT HALL)

- **12:05** POSTERS AND EXHIBITORS

ANATOMICAL SOCIETY ANNUAL GENERAL MEETING

- **12:30 AGM:** SEE EMAIL CORRESPONDENCE FOR JOINING INFORMATION (**MEMBERS ONLY**)

SESSION 8: AUDITORIUM *Live Webinar* Chair: Abigail TUCKER

SELECTED ABSTRACTS: ORAL PRESENTATIONS

- **13:45 Katherine HUGHES** (University of Cambridge, UK) @katevetpath
The Ovine Mammary Gland as a Non-traditional Model of Terminal Duct Lobar Development
- **14:00 Sarah Louise JEFFERY** (Queen's University Belfast, UK) @Sarah_Jeffery0
Multi-Vessel Renal Transplantation
- **14:15 Louis LUKE** (University of Cambridge, UK)
Mapping the Location, Dimensions and Morphology of the Thyroid Isthmus: 3-Year Cadaveric Study
- **14:30 J. RACHEL** (Christian Medical College, Vellore, India)
Recruitment of CD1a Positive Langerhans Cells in Polypoid Nasal Mucosa

ANATOMICAL SOCIETY VIRTUAL MEETING

VISION AND VISUALISATION: 6th-8th January 2021

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- **14:45 Andrea STREIT (King's College London) @acestreit**
Protecting Auditory Neurons and Hair Cells from Stress-Induced Degeneration
- **15:00 John GURGUIS (Northumbria Foundation Trust, Newcastle upon Tyne)**
Safety of Neurovascular Bundles when using the Shannon Burr for Calcaneal Osteotomies

SPONSOR ORAL PRESENTATION

- **15:15 David HUGHES and Lorna WILSON (Primal Pictures)**
Reflecting on 2020: How Primal Pictures has Supported the Switch to Remote Learning

BREAK (EXHIBIT HALL)

- **15:25 POSTERS AND EXHIBITORS**

SESSION 9: AUDITORIUM *Recorded Webinar* Chair: Iain KEENAN @dr_keenan

VISUALISATION SYMPOSIUM: ORAL PRESENTATIONS

- **15:40 Paul REA (University of Glasgow, UK) @medicalvis**
From Scalpel to Mouse.... And Beyond
16: 10 Live Q&A with the speaker
- **16:20 Flora GRÖNING (University of Aberdeen, UK) @Flora_Groening**
3D Photogrammetry of Human Specimens: Useful Resource for Teaching and Public Engagement
- **16:50 Live Q&A with the speaker**

SESSION 10: AUDITORIUM *Live Webinar* Chair: Iain KEENAN @dr_keenan

VISUALISATION SYMPOSIUM: ORAL PRESENTATIONS

- **17:00 Alireza JALALI (University of Ottawa, Canada) @arjalali**
Disruptive Technologies in Anatomy Education: Will They Replace Cadaveric Labs?

BREAK (EXHIBIT HALL)

- **17:40 POSTERS AND EXHIBITORS**

SESSION 11: AUDITORIUM *Live Webinar* Host: Jeremy MORTIMER @j_w_mortimer

CONFERENCE EVENT

- **19:00-21:00 CONFERENCE SOCIAL EVENT**

DAY THREE: Friday 8th January 2021 (GMT)

SESSION 12: AUDITORIUM *Live Webinar* Chair: Jeremy MORTIMER @j_w_mortimer

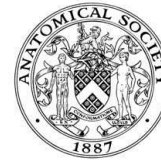
DR SOPHIE MILLER MEMORIAL PRIZE LECTURE: ORAL PRESENTATION

- **09:00 Kevin BYRNES (University of Limerick, Ireland)**
The Mesentery: A New Model of Abdominal Compartmentalisation?

ANATOMICAL SOCIETY VIRTUAL MEETING

VISION AND VISUALISATION: 6th-8th January 2021

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YOUNG INVESTIGATORS: ORAL PRESENTATIONS

- **09:40 Cian O'CONNOR** (RCSI Dublin, Ireland) @OptimisticBio
Development of Anatomically Inspired 3D Human iPSC Spinal Cord Scaffold System
- **09:55 Juliette HUGHES** (University of Liverpool, UK)
Anatomical Examination of an Alkaptonuria Cadaver
- **10:10 Nicholas DALMON** (Brighton and Sussex Medical School, UK) @An040my
Breaking Boundaries: Live Streaming in Anatomy

SPONSOR ORAL PRESENTATION

- **10:25 Ors ADAM** (4D Interactive Anatomy) @4danatomy
Dissect Real Human Specimens Without a Lab

BREAK (EXHIBIT HALL)

- **10:35 POSTERS AND EXHIBITORS**

SESSION 13: AUDITORIUM *Live Webinar* Chair: Meenakshi SWAMY

YOUNG INVESTIGATORS: ORAL PRESENTATIONS

- **11:00 Fiona FARQUHARSON** (University of Aberdeen, UK)
Developing Clinical Anatomy E-learning for Medical Students and Evaluating Effectiveness
- **11:15 Samuel STEVENSON** (University Hospital Southampton, UK)
Can Synchronous Online Near-peer Teaching Offer the Same Benefits as it can Face-to Face?
- **11:30 Joseph TAYLOR and Thomas STUBLEY** (University of Birmingham, UK)
Can the Position of the Masseteric Artery be used to Reliably Locate the Masseteric Nerve?
- **11:45 Harry MARLAND** (National University of Ireland, Galway, Ireland)
The Meso-Oesophagus: A Microscopical Study

BREAK (EXHIBIT HALL)

- **12:00 POSTERS AND EXHIBITORS**

SESSION 14: AUDITORIUM *Live Webinar* Chair: Gavin CLOWRY

THOMAS WILLIS (1621-1675) 400th ANNIVERSARY LECTURE: *Recorded Presentation*

- **13:00 Zoltan MOLNAR** (University of Oxford, UK) @ZoltanMolnar64
- **13:30 Live Q&A with the speaker**

YOUNG INVESTIGATORS: ORAL PRESENTATION

- **13:40 Catherine HENNESSY** (Brighton and Sussex Medical School) @CathHennessy
Analysis of Changes in Social Media Use by Doctors: Implications for Professionalism and Training

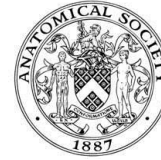
SELECTED ABSTRACTS: ORAL PRESENTATIONS

- **13:55 Sarah ALLSOP** (University of Bristol, UK) @sarah_a_bristol
Anatomy Inspired Creative Pieces Based on Clinical Practice Experiences

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- **14:10 Hope GANGATA** (University of Exeter, UK)
Proposed Anatomy Syllabus for Entry-level Band-5 Physiotherapists: A Modified Delphi Model
- **14:25 Johan Kandan Kulathu MATHEW** (Christian Medical College, Vellore, India)
Size of Langerhans Cells: A Predictor of Clinical Profile and Outcome in Buccal Cancer
- **14:40 Femina SAM** (Christian Medical College, Vellore, India)
Additional Head of Quadriceps Femoris in South Indian Population

BREAK (EXHIBIT HALL)

- **14:55 POSTERS AND EXHIBITORS (EXHIBIT HALL)**

SESSION 15: AUDITORIUM *Live Webinar* Chair: **Evelyne SERNAGOR** @esernagor1

SELECTED ABSTRACTS

- **15:20 Marie DARCHE** (INSERM, Paris, France)
Unravelling 3D Vascular Eye Anatomy through Clearing and Light-Sheet Fluorescence Microscopy
- **15:35 Gerrit HILGEN** (Newcastle University, UK) @Gerrit_H
A Novel Approach for the Functional Classification of Mouse Retinal Ganglion Cells
- **15:50 Simon PARSON** (University of Aberdeen, UK) @NEAnatomist
Altered Retinal Vasculature is Biomarker of Disease in Spinal Muscular Atrophy
- **16:05 Victoria WILSON** (Queens University Belfast, UK)
A Comprehensive Review of Infrahyoid Flap
- **16:20 Alan BOYDE** (Queen Mary University of London, UK) @DTL
What Happens when Maxillary Second and Third Molar Tooth Germs Collide During Development?

AWARDED OF PRIZES AND CLOSING REMARKS

- **16:35 Adam TAYLOR** Anatomical Society Honorary Secretary @Adatomy
- **16:55 Iain KEENAN** Anatomical Society Local Conference Organiser @dr_keenan

POSTER PRESENTATIONS *Downloadable Documents*

PRESENTATIONS: EXHIBIT HALL

ANATOMICAL DRAWING EXHIBITION (BOOTH)

- **Leonard SHAPIRO** (University of Cape Town, South Africa) @leonard_shapiro
Drawing to Understand: A Virtual Exhibition of Drawings

POSTER PRESENTATIONS (BOOTH)

- **POSTER PRESENTATIONS: ANATOMICAL SCIENCE AND ANATOMY EDUCATION**