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 (Anatomage) @Anatomage
  Anatomage Table: Interactive Anatomy and Physiology Learning Through Virtual Dissection

BREAK (EXHIBIT HALL)
- 12:20 POSTERS AND EXHIBITORS

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 PAPASTERGIOS (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

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*
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- **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 @drijamespnott
- **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

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!
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
- 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
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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?

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
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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

- 14:10 Hope GANGATA (University of Exeter, UK)
  Proposed Anatomy Syllabus for Entry-level Band-5 Physiotherapists: A Modified Delphi Model

- 14:25 Johan Kandam 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
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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 @Adatology
- 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) @leonardshapiro
  Drawing to Understand: A Virtual Exhibition of Drawings

POSTER PRESENTATIONS (BOOTH)
- POSTER PRESENTATIONS: ANATOMICAL SCIENCE AND ANATOMY EDUCATION