

TEPARG

TRANS-EUROPEAN PEDAGOGIC ANATOMY RESEARCH GROUP



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21st Annual Meeting of the Trans-European Pedagogic Anatomy Research Group

TEPARG 2026: NOVA University, Lisbon, Portugal.

Hybrid Meeting, Saturday March 07, 2026

Time Zone: Western European Time (GMT+0)

Theme: Visualisation in Anatomy and Embryology Education

Sponsor: Primal Pictures Anatomy.TV

Primal Pictures Anatomy.TV Prize to be awarded for the best in-person student presentation

TEPARG Prize to be awarded for the best student/junior presentation



Format: in-person and online via Microsoft Teams

Register for online attendance until 4th March: <https://forms.office.com/e/XMbjv2zg4N>

Teams Joining Instructions: Will be sent directly to speakers and registered delegates after 4th March

Map of Venue Location



Green: The venue – NOVA Medical School Research, Rua Camara Pestana nr. 6

Red: NOVA Medical School

Orange: Part of Avenida da Liberdade (main downtown avenue in Lisbon)

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Keynote

09:30 Visualization as a Catalyst for Transformative Anatomical Education

Paul M. Rea, Professor of Digital and Anatomical Education, Director of Innovation, Engagement and Enterprise, University of Glasgow, Scotland, UK [\[online\]](#)

Session 1: Embryology

CHAIR: Diogo Pais, NOVA University Lisbon, Portugal

10:15 International Anatomical Education + Exploring 3D Embryology

Iain Keenan, Newcastle University, England, UK [\[online\]](#)

10:25 Sponsor Talk: Anatomy.TV and Embryology: Bringing Learning to Life

Alexis van Breda, Channel Manager, Primal Pictures, UK [\[online\]](#)

10:45 From Cells to Stories: Storytelling as an Innovative Approach to Learning Embryology

Ramasamy Chitra, Government Siddhartha Medical College, India [\[online\]](#)

11:00 Visualisation in Embryology Teaching: Integrating Tactile Modelling and Digital Technologies

Viktoriia Yerokhina, University of Lancashire, England, UK [\[online\]](#)

11:15 Enhancing Understanding of Embryological Development Using 3D Visualisation Tools in West Africa

Emeka Martin Okonta, Bingham University, Nigeria [\[online\]](#)

11:30 Break.....

Session 2: Embryology and Visualisation (Student and Junior)

CHAIR: Isabel Stabile, University of Malta

11:45 EmbriOx: Addressing Conceptual Barriers in Embryology through Student-led Visual Learning Resources

Joudy Sewidan, University of Oxford, England, UK [Student investigator \[in-person\]](#)

11:55 Exploring Medical Student Perceptions of Embryology

Ahmed Elmeraid, Newcastle University, England, UK [Student investigator \[online\]](#)

12:05 Visualising Congenital Malformations by Modelling Normal Embryological Development

Aaima Ali, Medical University of Plovdiv, Bulgaria [Student investigator \[online\]](#)

12:15 Exploring 3D Anatomy: A Free Online Course Supporting Novice Learner Inquiry and Spatial Conceptualisation

Jiayi Zhang, Newcastle University, England, UK [Junior investigator \[online\]](#)

12:25 The Invisible Guide: Questioning the Absence of Visualisation in an Anatomy Dissection Manual

Elena Patera, University of Liverpool, England, UK [Junior investigator \[online\]](#)

12:35 From Visual Add-Ons to Cognitive Tools: Applying Learning Theories to Digital Illustrations of Cranial Nerves

Katelyn Moore, Moore Medical Art, Canada [Junior investigator \[online\]](#)

12:45 Staining the Brain: How Feasible is Human Macroscopic Brain Staining within an Anatomical Teaching Space?

Anthony Bright, University of Nottingham, England, UK [Junior investigator \[online\]](#)

12:55 Lunch.....

Sonographic representation of the pubic symphysis during pregnancy

Slawomir Wozniak, Wroclaw Medical University, Poland [\[online e-poster\]](#)





Session 3: Student Investigators

CHAIR: Bernard Moxham, Cardiff University, Wales, UK

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Primal Pictures Anatomy.TV Prize

To be awarded for the best in-person student presentation

- 13:45 **Co-Designing Experiential and Sociocultural Approaches to Living Anatomy: Student-Staff Partnership Model**
Ayush Sinha, University of Oxford, England, UK *Student investigator [in-person]*
- 13:55 **From Dissection to Simulation: 3D-Printed Silicone Models in Orbital Anatomy Education**
Florian Nardin, Medical University of Innsbruck, Austria *Student investigator [in-person]*
- 14:05 **Optimising Anatomical Models for Teaching: A Study of 3D-Printing and Colour Palettes**
Louise Tan, University of Edinburgh, Scotland, UK *Student investigator [in-person]*
- 14:15 **Exploring the Mind's Eye: Aphantasia in Anatomy Education**
Umair Choudhury, Newcastle University, England, UK *Student investigator [in-person]*
- 14:25 **Validation of Psychometric Tools for Evaluation of Modern Anatomical Educational Modalities**
Mateusz Drazyk, Wroclaw Medical University, Poland *Student investigator [in-person]*
- 14:35 **Development and Preliminary Validation of an Anatomy Education Environment Inventory**
Eilidh Johnson, Rahul Kamat, Chloe Harrison, Newcastle University, England, UK *Student investigator [hybrid]*
- 14:45 Break.....

Session 4: Student Investigators (Online)

CHAIR: Erich Brenner, Medical University Innsbruck, Austria

- 14:55 **Feasibility of Anatomical Photogrammetric 3D models in Virtual Reality for Anatomical Education**
Oliwier Pioterek, Wroclaw Medical University, Poland *Student investigator [online]*
- 15:05 **Visualising Neuroanatomical Pathways: Animation as a Foundational Learning Resource**
Emine Camcioglu, Bahçeşehir University, Türkiye *Student investigator [online]*
- 15:15 **Building Better Bones: Enhancing Osteological Education with Tactile, Interactive Models**
Iona Eldhose, University of Edinburgh, Scotland, UK *Student investigator [online]*
- 15:25 **Development, Implementation, and Early Outcomes of Establishing an Ultrasound Anatomy Laboratory**
Mateusz Mazurek, Wroclaw Medical University, Poland *Student investigator [online]*
- 15:35 **Ergonomics of Photorealistic Anatomical Models: User Needs Analysis and the Design Suggestions**
Michal Tulski, Wroclaw Medical University, Poland *Student investigator [online]*
- 15:45 **Development and Validation of a Self-directed Abdominal Anatomy Ultrasound Teaching Session**
Aoife Gorman, Queen's University Belfast, Northern Ireland, UK *Student investigator [online]*
- 15:55 **Using Virtual Dissection as an Adjunct to Bequeathed Donor-based Study of Anatomy**
Orla Vennard, Tessa Yau, Keryn Glennie, University of Aberdeen, Scotland, UK *Student investigator [online]*
- 16:05 Break.....





Session 5: Anatomical Education

CHAIR: *Isabel Stabile, University of Malta*

- 16:15** **Impact of Competency-Based Vertical Integration and Diagram-Assisted Teaching in Anatomy Education**
Shishir Kumar, SOA University, India [online]
- 16:25** **Cross-Sectional Survey of Anatomy and Physiology Knowledge in Medical Records Diploma Students**
Gama Bagus Kuntoadi, STIKes Widya Dharma Husada Tangerang, Indonesia [online]
- 16:35** **Bite-Sized, On-Demand, Topic-Specific Ultrasound Visualisation: To-SCALE Analytics-Informed Framework**
Ourania Varsou, University of Glasgow, Scotland, UK [online]
- 16:45** **The Pedagogical, Applied, and Theoretical Path of Modern Anatomy According to Scientometric Data**
Radik M. Khayrullin, REAVIZ Private University, Russia [online]
- 16:55** **A 3D Clinical Anatomy Module for Experiential Clinical Imaging Education using 3D Visualisation and XR**
Elsa-Marie Otoo, King's College London, England, UK [in-person]
- 17:05** **When Evaluation Shapes Education: Research Metrics, Anatomy Teaching, and Clinical Competence**
Zygmunt Domagala, Wroclaw Medical University, Poland [in-person]
- 17:15** **TEPARG Business Meeting followed by Wine Tasting**

