



## 21<sup>st</sup> 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 4<sup>th</sup> March: <https://forms.office.com/e/XMbiv2zg4N>

**Teams Joining Instructions:** Will be sent directly to speakers and registered delegates after 4<sup>th</sup> March

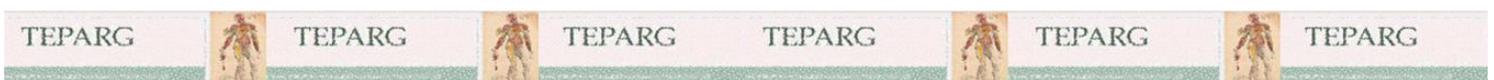
### Map of Venue Location



**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)





## Keynote

### 09:30 **Visualization as a Catalyst for Transformative Anatomical Education**

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

## Session 1: Embryology

**CHAIR:** Diogo Pais, NOVA University Lisbon, Portugal

### 10:15 **1.1 International Anatomical Education + Exploring 3D Embryology**

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

### 10:35 **1.2 Sponsor Talk: Anatomy.TV and Embryology: Bringing Learning to Life**

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

### 10:55 **1.3 Visualisation in Embryology Teaching: Integrating Tactile Modelling and Digital Technologies**

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

### 11:10 **1.4 Enhancing Understanding of Embryological Development Using 3D Visualisation Tools in West Africa**

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

11:25 *Break*.....

## Session 2: Embryology and Visualisation (Student and Junior)

**CHAIR:** Isabel Stabile, University of Malta

### 11:35 **2.1 EmbriOx: Addressing Conceptual Barriers in Embryology through Student-led Visual Learning Resources**

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

### 11:45 **2.2 Exploring Medical Student Perceptions of Embryology**

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

### 11:55 **2.3 Visualising Congenital Malformations by Modelling Normal Embryological Development**

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

### 12:05 **2.4 Exploring 3D Anatomy: Free Online Course Supporting Novice Learner Inquiry, Spatial Conceptualisation**

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

### 12:15 **2.5 The Invisible Guide: Questioning the Absence of Visualisation in an Anatomy Dissection Manual**

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

### 12:25 **2.6 From Visual Add-Ons to Cognitive Tools: Applying Learning Theories to Cranial Nerves Digital Illustrations**

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

### 12:35 **2.7 Staining the Brain: How Feasible is Human Macroscopic Brain Staining in an Anatomy Teaching Space?**

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

12:45 *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](#)

## ANATOMY.TV

POWERED BY PRIMAL PICTURES

Primal Pictures Anatomy.TV Prize

To be awarded for the best in-person student presentation

- 13:45 **3.1 Co-Designing Experiential and Sociocultural Approaches to Living Anatomy: Student-Staff Partnerships**  
*Ayush Sinha, University of Oxford, England, UK [Student investigator \[in-person\]](#)*
- 13:55 **3.2 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 **3.3 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 **3.4 Exploring the Mind's Eye: Aphantasia in Anatomy Education**  
*Adam Akbar, Claire Pan, Neil Tharail, Ellie Shery, Newcastle University, England, UK [Student investigator \[in-person\]](#)*
- 14:25 **3.5 Development and Preliminary Validation of an Anatomy Education Environment Inventory**  
*Eilidh Johnson, Rahul Kamat, Chloe Harrison, Newcastle University, England, UK [Student investigator \[hybrid\]](#)*
- 14:35 Break.....

### Session 4: Student Investigators (Online)

CHAIR: [Erich Brenner, Medical University Innsbruck, Austria](#)

- 14:45 **4.1. Validation of Psychometric Tools for Evaluation of Modern Anatomical Educational Modalities**  
*Mateusz Drazyk, Wroclaw Medical University, Poland [Student investigator \[online\]](#)*
- 14:55 **4.2. Feasibility of Anatomical Photogrammetric 3D models in Virtual Reality for Anatomical Education**  
*Oliwier Pioterek, Wroclaw Medical University, Poland [Student investigator \[online\]](#)*
- 15:05 **4.3. Visualising Neuroanatomical Pathways: Animation as a Foundational Learning Resource**  
*Emine Camcioglu, Bahçeşehir University, Türkiye [Student investigator \[online\]](#)*
- 15:15 **4.4. Building Better Bones: Enhancing Osteological Education with Tactile, Interactive Models**  
*Iona Eldhose, University of Edinburgh, Scotland, UK [Student investigator \[online\]](#)*
- 15:25 **4.5. Development, Implementation, and Early Outcomes of Establishing an Ultrasound Anatomy Laboratory**  
*Mateusz Mazurek, Wroclaw Medical University, Poland [Student investigator \[online\]](#)*
- 15:35 **4.6. Ergonomics of Photorealistic Anatomical Models: User Needs Analysis and the Design Suggestions**  
*Michal Tulski, Wroclaw Medical University, Poland [Student investigator \[online\]](#)*
- 15:45 **4.7. 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 **4.8. 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 5.1 Impact of Competency-Based Vertical Integration and Diagram-Assisted Teaching in Anatomy Education**  
*Shishir Kumar, SOA University, India [online]*
- 16:25 5.2 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 5.3 Bite-Sized, On-Demand, Topic-Specific Ultrasound: To-SCALE Analytics-Informed Framework**  
*Ourania Varsou, University of Glasgow, Scotland, UK [online]*
- 16:45 5.4 The Pedagogical, Applied, and Theoretical Path of Modern Anatomy According to Scientometric Data**  
*Radik M. Khayrullin, REAVIZ Private University, Russia [online]*
- 16:55 5.5 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**  
**5.6** *Zygmunt Domagala, Wroclaw Medical University, Poland [in-person]*
- 17:15 TEPARG Business Meeting followed by Wine Tasting**

