



Medical University - Varna
Department of Anatomy and Cell Biology
Bulgarian Anatomical Society



**BULGARIAN
ANATOMICAL
SOCIETY**



**THE EUROPEAN FEDERATION FOR
EXPERIMENTAL MORPHOLOGY (EFEM)**

PROGRAM

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY AND III EUROPEAN STUDENT SYMPOSIUM ON ANATOMICAL RESEARCH

Varna, Bulgaria, 10-13 October 2024



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2024 EUROPEAN STUDENT SYMPOSIUM ON ANATOMICAL RESEARCH

PROGRAMME

Wednesday, October 9, 2024

- 19:00 Welcome reception: Rosslyn Dimyat Hotel Varna, Panorama level

Thursday, October 10, 2024

- 08:15-09:15 Registration – Rosslyn Dimyat Hotel Varna, Foyer in front of “Galatea Ballroom”
- 09:15 Welcome address and opening, Darsalas Hall
Dimitar Raykov (Rector of the Medical University – Varna)
Fabio Quondamatteo (President, EFEM)
Anton Tonchev (Varna, Bulgaria – local Organizer)
Nikolai Lazarov (Sofia, Bulgaria – Chairman, Bulgarian Anatomical Society)
- 09:45-10:15 Keynote lecture: *Anatomy meets molecules, a wonderful pair!*
Fabio Quondamatteo (Dublin, Ireland)
- 10:15-11:00 CAT B Session 1 - Speakers 1-4 (6-7 min each)
Moderator: K. Dikranian (St. Louis, MO, USA)
- Lili Kovács – Hungarian Anatomical Society
Anita Hristova – Bulgarian Anatomical Society
Franka Lenzing – Hungarian Anatomical Society
Giacomo Maria Cerreto – SIAI (Italian Anatomical Society)
Q&A session
- 11:00-11:30 Coffee break
- 11:30-12:15 CAT B Session 2 - Speakers 5-8 (6-7 min each)
Moderator: F. Quondamatteo (Dublin, Ireland)
- Weronika Michalik – Polish Anatomical Society
Aleksa Vučković – Serbian Anatomical Society
Carolina Adelaide Major Rodrigues – Portuguese Anatomical Society
Jovana Nikolić – Serbian Anatomical Society
Q&A session

2024 EUROPEAN STUDENT SYMPOSIUM ON ANATOMICAL RESEARCH

- 12:15-12:45 Keynote lecture: Leveraging anatomical insights for gene-activated scaffolds in musculoskeletal repair and 3D tumour modeling**
Caroline Curtin (Dublin, Ireland)
- 12:45-14:00** Lunch break
- 14:00-14:30 CAT B Session 3 - Speakers 9-11 (6-7 min each)**
Moderator: A. Tucker (London, United Kingdom)
- Sophie Grigolo – Swiss Society for Anatomy Histology and Embryology
Ivan Ivanov – Medical University-Varna
Maya Stelzer – NAV (Dutch Anatomical Society)
Q&A session
- 14:30-15:30 CAT A Session 1 - Speakers 1-4 (10 min each)**
Moderator: T. Clarner (Bonn, Germany)
- Natalia Penar – Anatomical Society (Anatomical Society of Ireland and UK)
Nils Fleischmann – Anatomische Gesellschaft (German Speaking Anatomical Society)
Sophie Mok – Anatomical Society (Anatomical Society of Ireland and UK)
Guillaume Dannhoff - Association des Morphologistes (French Anatomical Society)
Q&A session
- 15:30-16:30 CAT A Session 2 - Speakers 5-8 (10 min each)**
Moderator: C. Curtin (Dublin, Ireland)
- Olga Maria Manna – SIAI (Italian Society for Anatomy and Histology)
Bogomil Peshev – Bulgarian Anatomical Society
Sofía Martínez Molina – Spanish Anatomical Society
Marcos Gonzalez Lopez – Czech Anatomical Society
Q&A session
- 16:30-17:00** Coffee break
- 17:00-17:45 CAT A Session 3 - Speakers 9-11 (10 min each)**
Moderator: JP Timmermans (Antwerp, Belgium)
- Ana Rita da Costa Garcia – Portuguese Anatomical Society
Grischa Ott – Swiss Society for Anatomy Histology and Embryology
Lucas Visscher – NAV (Dutch Anatomical Society)
Q&A session

2024 EUROPEAN STUDENT SYMPOSIUM ON ANATOMICAL RESEARCH

- 17:45-18:15** Keynote lecture: *Jaw to ear transformations: using comparative anatomy to understand mammalian evolution*
Abigail Tucker (London, United Kingdom)
- 18:30** Prizes, Closing
Prize Giving Best Image
Prize Giving Category B
Prize Giving Category A
- 19:00** Welcome dinner: Rosslyn Dimyat Hotel Varna, “Galatea Ballroom”, Foyer in front of “Galatea Ballroom”

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

Thursday, October 10, 2024

- 08:30-18:00** Registration – Rosslyn Dimyat Hotel Varna, Foyer in front of “Galatea Ballroom”
- 18:30** Award ceremony for the winners of the 2024 European Student Symposium on Anatomical Research, Darsalas Hall
- 19:00** Welcome dinner: Rosslyn Dimyat Hotel Varna, “Galatea Ballroom”, Foyer in front of “Galatea Ballroom”

Friday, October 11, 2024

- 08:00-17:00** Registration – Rosslyn Dimyat Hotel Varna, Foyer in front of “Galatea Ballroom”
- 09:00-09:15** Welcome address, Darsalas Hall
Fabio Quondamatteo (President, EFEM)
Nikolai Lazarov (Sofia, Bulgaria – Chairman, Bulgarian Anatomical Society)
Anton Tonchev (Varna, Bulgaria – on behalf of the local organizers)

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

Neuroscience

Moderator: A. Tonchev

- 09:15-09:55** Keynote lecture: *Deregulation of Ubiquitin signaling in genetic neurodevelopmental disorders*
Azad Bonni (Basel, Switzerland)
- 09:55-10:15** **Nikolai Lazarov** (Sofia, Bulgaria), Rashev PI (Sofia, Bulgaria), Mourdjeva MS (Sofia, Bulgaria), Atanasova DY (Stara Zagora, Bulgaria)
Changes in the expression levels of angiogenic peptides in the carotid body of hypertensive rats
- 10:15-10:35** **Stefan Sivkov** (Pleven, Bulgaria), Akabalieva K (Sofia, Bulgaria), Akabaliev V (Plovdiv, Bulgaria)
Sexual dimorphism in eye dominance in schizophrenic patients and normal controls
- 10:35-10:45** **Albert Gradev** (Sofia, Bulgaria), Rashev P (Sofia, Bulgaria), Iliev V (Sofia, Bulgaria), Jelev L (Sofia, Bulgaria), Dandov A (Sofia, Bulgaria)
Sex differences and adolescent neurochemical plasticity of kappa-opioid receptors in the bed nucleus of stria terminalis
- 10:45-11:00** Coffee break

Special session: Prof. Dr. Michail S. Davidoff (1940-2024): In memoriam
Moderator: N. Atanassova

- 11:15-11:45** **Nina Atanassova** (Sofia, Bulgaria), Koeva I (Plovdiv, Bulgaria)
Michail Davidoff and his remarkable contribution in our understanding for the development of adult Leydig cell population
- 11:45-12:15** **Ralf Middendorff** (Giessen, Germany)
Michail Davidoff and his time in Hamburg
- 12:12-12:45** **George N. Chaldakov** (Varna, Bulgaria)
Michail Davidoff: the state-of-the-science in cell biology, with special reference to his microcalligraphs
- 12:45 – 13:30** First Poster Session (Posters #1-28) – Moderators: N. Atanassova, A. Baltadjiev
- 13:30-14:30** Lunch ("Galatea Ballroom")

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

Neuroscience

Moderator: N. Lazarov

- 14:30-15:10** Keynote lecture:
Zoltán Molnár (Oxford, United Kingdom)
Shadows of the subplate – the link between early cortical development to Autism Spectrum Disorders
- 15:10-15:20** **Milena Trandafilovic** (Niš, Serbia), Pavlović M (Niš, Serbia), Milić M (Niš, Serbia), Antović A (Niš, Serbia), Stojanović I (Niš, Serbia)
The variety of the concept of cerebral arterial hypoplasia and the clinical significance of limitations in their visualization
- 15:20-15:30** **Toma Spiriev** (Sofia, Bulgaria), Milev M (Sofia, Bulgaria), Trandzhiev M (Sofia, Bulgaria), Laleva L (Sofia, Bulgaria), Maslarski I (Sofia, Bulgaria), Körner KM (Düsseldorf, Germany), Wolf-Vollenbroker M (Düsseldorf, Germany), Cornelius JF (Düsseldorf, Germany), Nakov V (Sofia, Bulgaria)
Temporal stem anatomy. Photorealistic surface scanning and 3D tractography study
- 15:30-15:40** **Kristian Bechev** (Plovdiv, Bulgaria) , Yotova N (Plovdiv, Bulgaria), Ilyov I (Plovdiv, Bulgaria)
Sublabial, transsphenoidal access, in pituitary adenomas and the importance of sphenoid sinus anatomy
- 15:40-15:50** **Vladislav Petrov** (Varna, Bulgaria), Morfov S (Varna, Bulgaria), Stoykova A (Göttingen, Germany), Doeppner T (Giessen, Germany), Mihailova V (Varna, Bulgaria), Stoyanova I (Frankfurt, Germany), Tonchev A (Varna, Bulgaria)
Effects of stroke on de novo generated cells in the mouse brain subventricular zone following genetic inactivation of the transcription factor Pax6
- 15:50-16:00** **Nikolay Genov** (Stara Zagora, Bulgaria), Dimitrov N (Stara Zagora, Bulgaria), Lazarov NE (Sofia, Bulgaria), Atanasova D (Stara Zagora, Bulgaria)
Ageing of the myenteric plexus in the rat colorectal region
- 16:00-16:10** **Marin Zhelezov** (Varna, Bulgaria), Stoyanova I (Varna, Bulgaria), Angelova M (Varna, Bulgaria), Pavlov S (Varna, Bulgaria), Tonchev A (Varna, Bulgaria)
Relationship between microglial subpopulations and neurogenesis in the human fetal telencephalon

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

- 16:10-16:20** **Davit Tophuria** (Tbilisi, Georgia)
Liver toxic damage in occupational exposure to solvents
- 16:20-16:30** **Maia Matoshvili** (Tbilisi, Georgia)
Epidemiology and clinical features of patients with psoriasis in Georgia
- 16:30-17:00** Coffee break
- Neuroscience – “Brain injury” Special session**
- Moderator: Z. Molnár**
- 17:00-17:30** **Doychin Angelov** (Cologne, Germany), Rink-Notzon S (Cologne, Germany), Wollny L (Cologne, Germany), Pavlov S (Varna, Bulgaria), Sarikcioglu L (Antalya, Turkey), Manthou M (Thessaloniki, Greece)
Injections of BDNF into the paralyzed whiskerpad muscles after facial nerve reconstruction improve quality of reinnervation and vibrissal motor performance in rats
- 17:30-18:00** **Jean-Pierre Timmermans** (Antwerp, Belgium)
Role of Mrgprb2/X2 receptors in neuro-immune actions in the gut under healthy and inflamed conditions
- 18:00-18:30** **Krikor Dikranian** (St.Louis, MO, USA)
Lessons from rodent models of pediatric traumatic brain injury
- 18:30-18:40** **Stoyan Pavlov** (Varna, Bulgaria), Rink-Notzon S (Cologne, Germany), Sarikcioglu L (Antalya, Turkey), Manthou ME (Thessaloniki, Greece), Angelov DN (Cologne, Germany)
Association between recovering vibrissal motor performance and geometric properties of regenerating axons after facial nerve injury in rats
- 18:40 – 19:45** **Second Poster Session (Posters #29-56) – Moderators: S. Sivkov, N. Atanassova**
- 19:45** Dinner in “Galatea Ballroom”

Saturday, October 12, 2024

Cell Biology
Moderator: R. Bleys

- 08:30-09:10** Keynote lecture:
Tim Clarner (Bonn, Germany)
Neuroinflammation and neurodegeneration as drivers of Multiple Sclerosis

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

- 09:10-9:20** **Nikola Stamenov** (Sofia, Bulgaria), Stanchev S (Sofia, Bulgaria), Gaydarski L (Sofia, Bulgaria), Kotov G (Sofia, Bulgaria), Landzhov B (Sofia, Bulgaria), Kirkov V (Sofia, Bulgaria), Iliev A (Sofia, Bulgaria)
Vascular endothelial growth factor and its role in cardiac remodelling under hypertensive conditions
- 09:20-09:30** **Nikola Stamenov** (Sofia, Bulgaria), Jelev L (Sofia, Bulgaria), Atanasova D (Stara Zagora, Bulgaria), Dandov A (Sofia, Bulgaria), Lazarov NE (Sofia, Bulgaria)
The altered transmitter phenotype of neuroepithelial bodies under hypertensive conditions in rats
- 09:30-09:50** **George Chaldakov** (Varna, Bulgaria), Ghenev P (Varna, Bulgaria)
Translational cell biology: from MTs to LoDoCo in CVDs (1975) as approved by FDA (2023)
- 09:50-10:15** Coffee break
- Special session “Technological horizons of anatomical education and morphological research”**
Moderator: S. Pavlov
- 10:15-10:45** Keynote lecture
Ronald Bleys (Utrecht, The Netherlands)
Anti-inflammatory reflex, thoracic duct and fascias: fundamental and applied anatomical research refines esophageal surgery
- 10:45-11:00** **Pavel Naydenov** (SOLA, Bulgaria)
A Mixed Reality Approach to Modern Anatomy Teaching
- 11:00-11:15** **Andrija Nikodijevic** (ZEISS Research Microscopy Solutions)
ZEISS arivis - Scientific Image Analysis for live and fixed samples
- 11:15-11:25** **Peter Valchanov** (Varna, Bulgaria), Kontny A (Varna, Bulgaria)
Bioprinting 101 - hydrogels and how to synthetize, fabricate and use
- 11:25-11:40** **Gulhis Akar** (Beckman Coulter, Turkey)
CytoFLEX SRT - CytoFLEX that sorts
- 11:40-11:55** **Silvi Isaeva** (ELTA90, Sofia, Bulgaria)
Classical solutions in the field of anatomy
- 11:55-12:10** **Dimitar Stoyanov** (Antisel, Sofia, Bulgaria)
Sakura: Manage challenges with Histology & Pathology system solutions

XII INTERNATIONAL SYMPOSIUM ON CLINICAL ANATOMY

- 12:10-12:20** **Nikola Pirovski** (Stara Zagora, Bulgaria), Vasseva-Dikova J (Stara Zagora, Bulgaria)
Cryotherapy as personalized medicine
- 12:20-12:30** **Aysegul Girgin** (Edirne, Turkey), Taskinalp O (Edirne, Turkey)
Morphology and location of infraorbital and supraorbital retaining ligaments in adult head cadavers
- 12:30-13:00** Keynote lecture:
Valentin Djonov (Bern, Switzerland)
The concept of one health in the clinical anatomy
- 13:00-13:30** **Meeting of the Bulgarian Anatomical Society**
- 13:30 – 15:00** Lunch ("Galatea Ballroom")

FREE TIME

Sunday, October 13, 2024

Locomotor anatomy

Moderator: R. Middendorf

- 09:00-09:30** Keynote lecture:
Boyko Gueorguiev (Davos, Switzerland)
Analysis of new concepts for development of specific anatomical orthopaedic plate systems
- 09:30-09:40** **Peter Valchanov** (Varna, Bulgaria)
Spatial accuracy of the 3D printed anthropomorphic models
- 09:40-09:50** **Rumen Roydev** (Stara Zagora, Bulgaria), Tsandev N (Stara Zagora, Bulgaria), Bakici C (Ankara, Turkey), Vodenicharov A (Stara Zagora, Bulgaria)
Anatomical, radiological, and 3d computer tomographic studies on the hyoid apparatus of the domestic cat
- 09:50-10:00** **Aleksa Vučković** (Niš, Serbia), Nikolić J (Niš, Serbia), Pešić M (Niš, Serbia), Stojanović J (Niš, Serbia), Pavlović M (Niš, Serbia)
Assessment of cervical lordosis in different age categories in southeastern serbs
- 10:00-10:10** **Nina Yotova** (Plovdiv, Bulgaria), Novakov S. (Plovdiv, Bulgaria)
Latissimus dorsi flaps and their blood supply

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- 10:10-10:20** **Muhammed Yusuf Afacan** (Istanbul, Turkey), Han Y (Istanbul, Turkey), Davulcu CD (Istanbul, Turkey), Marur T (Istanbul, Turkey)
Application of the Fibonacci Golden Ratio in Pelvic Anatomy: An Innovative Approach for Orthopedic Assessment through Radiological Imaging
- 10:20-10:30** **Cüneyt Bozer** (Edirne, Turkey), Bozer Ö (Edirne, Turkey)
The influence of colors on human gait
- 10:30-11:00** Coffee break

Anthropology, Varia

Moderator: **B. Gueorguiev**

- 11:00-11:10** **Makbule Elif Yilmaz** (Edirne, Turkey), Cikmaz S (Edirne, Turkey), Akin Uzan HS (Edirne, Turkey), Colak A, Yilmaz A (Edirne, Turkey)
Can anthropometric measurements be used to predict difficult intubation?
- 11:10-11:20** **Victoria Russeva** (Sofia)
Monastery Community of the Karaach Teke, Varna – Pathological Changes on Bone Remains (Health, Invalidity and Social Support in the Early Medieval Bulgaria)
- 11:20-11:30** **Jovana Nikolic** (Niš, Serbia), Vuckovic A (Niš, Serbia), Trandafilovic M (Niš, Serbia)
Deviation of the nasal septum in adults
- 11:30-11:40** **Jovana Nikolic** (Niš, Serbia), Vuckovic A (Niš, Serbia), Trandafilovic M (Niš, Serbia)
Deviation of the nasal septum in adults
- 11:30-11:40** **Cüneyt Bozer** (Edirne, Turkey)
Innervation of the auricle: anatomical basis of ear acupuncture
- 11:40** **Closing of the XII International Symposium on Clinical Anatomy**

POSTER PRESENTATIONS

Friday, October 11, 2024

12:45-13:30 First Poster Session (Posters #1-28) – Moderators: D. Angelov, A. Baltadjiev

Poster No 1. Acupuncture and Primo Vascular System.

S Cikmaz (Edirne, Turkey), Yilmaz A (Edirne, Turkey)

Poster No 2. Anatomical study on the morphometric measurements of the clavicle. S Cikmaz (Edirne, Turkey), Tarhan F (Edirne, Turkey)

Poster No 3. Anatomical Study on the Nutrient Foramina of the Clavicle. S Cikmaz (Edirne, Turkey), Agca UUC (Edirne, Turkey)

Poster No 4. Anatomical variations of the articulation surfaces of the calcaneus among Bulgarian population. M Angelova (Varna, Bulgaria), Marinova D (Varna, Bulgaria), Borislavova K (Varna, Bulgaria), Zheкова V (Varna, Bulgaria)

Poster No 5. Anatomy in pre-Hippocratic times. O Taşkınalp (Edirne, Turkey), Ciğalı BS (Edirne, Turkey)

Poster No 6. Association of the adiponectin rs266729 polymorphism and obesity in North Bulgarian population. TR Rashev (Pleven, Bulgaria), Nankov V (Pleven, Bulgaria), Marinova DM (Pleven, Bulgaria), Trifonov SV (Pleven, Bulgaria)

Poster No 7. Canines as predictors of sex in Bulgarian population. Z Harizanova (Plovdiv, Bulgaria), Popova F (Plovdiv, Bulgaria), Peycheva M (Plovdiv, Bulgaria), Bozhikova E (Columbus, USA), Todorova Z (Plovdiv, Bulgaria), Petrova N (Plovdiv, Bulgaria)

Poster No 8. Celiac trunk variations – anatomy and clinical relevance. S. Novakov (Plovdiv, Bulgaria), Petleshkova Ts (Plovdiv, Bulgaria), Popova F (Plovdiv, Bulgaria), Zaykova V (Plovdiv, Bulgaria), Topalova K (Plovdiv, Bulgaria), Sabri S (Plovdiv, Bulgaria)

Poster No 9. Comparison of Cormack and Lehane's grade with mandibular anthropometry. HS Akin Uzan (Edirne, Turkey), Cikmaz S (Edirne, Turkey), Yilmaz ME (Edirne, Turkey), Yilmaz A (Edirne, Turkey)

Poster No 10. CT anatomical dimensions of the rabbit adrenal glands. K Stamatova-Yovcheva (Stara Zagora, Bulgaria), Dimitrov R (Stara Zagora, Bulgaria), Dineva A (Stara Zagora, Bulgaria), Nedev V (Stara Zagora, Bulgaria), Goranov N (Stara Zagora, Bulgaria), Yovchev D (Stara Zagora, Bulgaria)

Poster No 11. Differences in the expression of activity-regulated cytoskeleton-associated protein (ARC) in the hippocampus induced by the noradrenergic activation of the basolateral amygdala during memory consolidation. D Atanasova (Stara Zagora, Bulgaria), Peshev B (Sofia, Bulgaria), Ivanova P (Sofia, Bulgaria), Krushovlieva D (Sofia, Bulgaria), Kortenska L (Sofia, Bulgaria), Rashev P (Sofia, Bulgaria), Mourdjeva M (Sofia, Bulgaria), Lazarov N (Sofia, Bulgaria), Tchekalarova J (Sofia, Bulgaria)

Poster No 12. Distribution of subcutaneous fat tissue in Bulgarian patients with type 1 Diabetes mellitus. A Baltadjiev (Plovdiv, Bulgaria), Petleshkova Ts (Plovdiv, Bulgaria), Harizanova Z (Plovdiv, Bulgaria), Grozlekova L (Plovdiv, Bulgaria), Argirov C (Plovdiv, Bulgaria), Topalova K (Plovdiv, Bulgaria), Tineshev S (Plovdiv, Bulgaria)

Poster No 13. *Klotho gene and ageing markers in brain and kidney of old rats supplemented with GABA and polyphenolic compounds enriched functional foods.* E Daskalova (Plovdiv, Bulgaria), Gerginska F (Plovdiv, Bulgaria), Delchev S (Plovdiv, Bulgaria), Pencheva M (Plovdiv, Bulgaria), Metodieva K (Plovdiv, Bulgaria), Kitova M-F (Plovdiv, Bulgaria), Indjian K (Plovdiv, Bulgaria), Pencheva D (Sofia, Bulgaria), Vasileva B (Plovdiv, Bulgaria), Denev P (Plovdiv, Bulgaria)

Poster No 14. *Exploring morphological and histological aspects of drug-induced hyperprolactinemia.* Chicu C (Chisinau, Moldova), Globa T (Chisinau, Moldova), Stela Bacinschi-Gheorghita S (Chisinau, Moldova)

Poster No 15. *History of the Wernicke area.* M Pehlivani (Edirne, Turkey), Ağca UUC (Edirne, Turkey), Erdoğan FM (Edirne, Turkey), Taşkınalp O (Edirne, Turkey)

Poster No 16. *Identity of cells expressing the transcription factor Zbtb20 in the developing murine cerebellum.* D Stoyanov (Varna, Bulgaria), Veleva L (Varna, Bulgaria), Velikov I (Varna, Bulgaria), Manoylov I (Sofia, Bulgaria), Tchorbanov A (Sofia, Bulgaria), Tonchev AB (Varna, Bulgaria).

Poster No 17. *Immunohistochemical study of BDNF in hippocampal formation of rats treated with Tanacetum vulgare L.* N Penkova (Plovdiv, Bulgaria), Atanassova P (Plovdiv, Bulgaria), Peychev L (Plovdiv, Bulgaria), Hrischev P (Plovdiv, Bulgaria), Peychev Zh (Plovdiv, Bulgaria)

Poster No 18. *Erasmus Anatomy Research Project (EARP): a student-to-student anatomical teaching program.* Van den Berg R (Rotterdam, Netherlands), Visscher L (Rotterdam, Netherlands), Van de Weerd SA (Rotterdam, Netherlands), Langmuur, SJJ (Rotterdam, Netherlands); Theeuwes HP (Rotterdam, Netherlands).

Poster No 19. *Immunohistochemical study on the role of adipokines in endometrial cancer.* B Mitkova (Varna, Bulgaria)

Poster No 20. *In vivo stimulating of osteogenesis by Poly- ϵ -Caprolactone matrix, loaded with Simvastatin.* N Kadreva (Plovdiv, Bulgaria), Penkova N (Plovdiv, Bulgaria), Atanassova P (Plovdiv, Bulgaria), Pilicheva B (Plovdiv, Bulgaria)

Poster No 21. *Interactive 3D anatomical models of human cadavers as a modern alternative for educational, clinical and scientific development.* W Michalik (Cracow, Poland), Rams D (Cracow, Poland), Mazur M (Cracow, Poland); Hołda M (Cracow, Poland); Dobrzynski H (Cracow, Poland); Walocha J (Cracow, Poland)

Poster No 22. *Micromorphometric study on the rat trachea of different ages.* RD Nenkova (Burgas, Bulgaria), Stefanov IS (Burgas, Bulgaria), Hoirov M (Burgas, Bulgaria), Dineva MS (Burgas, Bulgaria)

Poster No 23. *Morphological characteristics of the pelvic part of the pig's male urethra on silicone elastomer casts.* G Kostadinov (Stara Zagora, Bulgaria), Tsandev N (Stara Zagora, Bulgaria), Dimitrov R (Stara Zagora, Bulgaria), Vodenicharov A (Stara Zagora, Bulgaria)

Poster No 24. *Morphological study of the innervation of the epiligament of the medial collateral ligament in human knee.* L Gaydarski (Sofia, Bulgaria), Georgiev GP (Sofia, Bulgaria), Dimitrova IN (Sofia, Bulgaria), Slavchev S (Sofia, Bulgaria), Stamenov N (Sofia, Bulgaria), Landzhov B (Sofia, Bulgaria)

Poster No 25. *Morphological study of the symptomatic accessory navicular bone.* GP Georgiev (Sofia, Bulgaria), Gaydarski L (Sofia, Bulgaria), Iliev A (Sofia, Bulgaria), Landzhov B (Sofia, Bulgaria)

Poster No 26. *Morphological study on the rat duodenum.* VH Pilicheva-Hadjieva (Stara Zagora, Bulgaria), Stefanov IS (Stara Zagora, Bulgaria), Ivanova IG (Stara Zagora, Bulgaria)

Poster No 27. *Morphology of the aorta for clinicians.* T Hacina (Chisinau, Moldova)

Poster No 28. *Morphometric study of decellularized umbilical cord arteries before and after pressure resistance test.* L Globa (Chisinau, Moldova), Globa T (Chisinau, Moldova), Hacina T (Chisinau, Moldova), Globa P (Chisinau, Moldova), David V (Chisinau, Moldova)

18:40 – 19:45 Second Poster Session (Posters #29-56) – Moderators: S. Sivkov, N. Atanassova

Poster No 29. *Morphometric study of the Cavitas glenoidalis of the scapula.* S Cikmaz (Edirne, Turkey), Erdogan FM (Edirne, Turkey)

Poster No 30. *Nicotine effect on the lung structure in the management of Mycobacterium tuberculosis infection: the first steps towards a 3D-cellular model.* C Franco (Brescia, Italy), Cominelli G (Brescia, Italy), Rezzani R (Brescia, Italy)

Poster No 31. *Nitric Oxide Synthase immunoreactivity in the Spinal trigeminal nucleus of the rat.* A Ivanov (Sofia, Bulgaria), Atanasova D (Stara Zagora, Bulgaria), Lazarov NE (Sofia, Bulgaria)

Poster No 32. *On-slide clearing and imaging of thick colorectal cancer sections using Ethyl cinnamate and epifluorescence.* A Kontny (Bulgaria, Varna), Stoyanov D (Bulgaria, Varna), Pavlov P (Bulgaria, Varna), Wagner NMS (Bulgaria, Varna), Kolev N (Bulgaria, Varna), Zlatarov A (Bulgaria, Varna), Kalinov T (Bulgaria, Varna), Tonchev AB (Bulgaria, Varna)

Poster No 33. *Osteological series from Kaliakra – cranial trepanation and cranial trauma treatment. Advances in medical practices in the late medieval Bulgarian Black Sea fortress.* V Russeva (Sofia, Bulgaria)

Poster No 34. *Paleopathological finds in medieval necropolis (11th – 13th c. A.D.) near the town of Chirpan (Bulgaria).* N Atanassova (Sofia, Bulgaria), Ovnarska L (Sofia, Bulgaria), Leshtakov P (Sofia, Bulgaria), Todorov V (Sofia, Bulgaria)

Poster No 35. *Radiologic Anatomical dimensions of the rabbit kidneys.* A Dineva (Stara Zagora, Bulgaria), Stamatova-Yovcheva K (Stara Zagora, Bulgaria), Dimitrov R (Stara Zagora, Bulgaria), Nedev V (Stara Zagora, Bulgaria), Goranov N (Stara Zagora, Bulgaria), Yovchev D (Stara Zagora, Bulgaria)

Poster No 36. *Rare cases of sesamoid bone of the foot misdiagnosed as fractures: report of two cases.* GP Georgiev (Sofia, Bulgaria), I Angushev (Sofia, Bulgaria), Gaydarski L (Sofia, Bulgaria), Landzhov B (Sofia, Bulgaria)

Poster No 37. *Role of the bipartite scaphoid in the differential diagnosis of wrist pain.* B Landzhov (Sofia, Bulgaria), Gaydarski L (Sofia, Bulgaria), Georgiev GP (Sofia, Bulgaria)

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Poster No 39. *Supracondylar process of the humerus: a radiological case report.* GP Georgiev (Sofia, Bulgaria), Mirazchiyski G (Sofia, Bulgaria), Gaydarski L (Sofia, Bulgaria), Landzhov B (Sofia, Bulgaria)

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