

IX National Conference with International Participation
“Morphological Days”, June 12 – 14, 2026, Sofia, Bulgaria

PROGRAM

Friday, June 12th		<i>Conference venue:</i> Hall Sofia, INTERPRED – World Trade Centre Sofia, 36 Dragan Tsankov blvd.
11:00-13:30 Registration		
13:30-14:00 Opening ceremony <i>Welcome address and opening</i> Elisabeth Eppler (President, EFEM) Nina Atanassova (President of Organizing Committee) Ivelin Vladov (Director, IEMPAM) Lazar Jeleu (President, Bulgarian Anatomical Society)		
Keynote Lectures I		<i>Chairs: L. Jeleu, N. Atanassova</i>
14:00-16:00		
14:00	Tiny beams – new hope for cancer treatment Valentin Djonov , Bern, Switzerland	
14:30	Implementation of modern competences in teaching anatomy and development of the human sexual tract Elisabeth Eppler , A. Bilella, C. M. Hammer, Bern, Switzerland	
15:00	The male genital tract in motion - smooth muscle cells in male reproductive organs Ralf Middendorff , Giessen, Germany	
15:30	Tears and dry eye - functional and clinical anatomy of the ocular surface Friedrich Paulsen , Erlangen, Germany	
16:00-16:30 Coffee Break		
Keynote Lectures II		<i>Chairs: N. Lazarov, A. Tonchev</i>
16:30-18:30		
16:30	Siponimod protects oligodendrocytes independently of adaptive immunity via S1PR5 signaling Markus Kipp , N. Behrangji, E. Pril, H. Kaddatz, Rostock, Germany	
17:00	Whole-body vibration therapy after compressive spinal cord-injury in rats restores synaptic relations in the dorsal horn and alleviates pain-associated behaviour S. Rink-Notzon , M. Krueger, M. Zamfirov, D. Schaufler, L. Sarikcioglu, S. Wagner, S. Bilmen, J. Vogt, L. Belenska-Todorova, S. Pavlov, M. E. Manthou, Doychin Angelov , Cologne, Germany	
17:30	Nicotinamide nucleotide transhydrogenase (NNT) ablation, oxidative stress and testis function Y. Liang , M. Jaklofsky, M. Verhoeven, A. Tsonkova, M. M. Parvez, J. Keijer, Katja Teerds , Wageningen, Netherlands	
18:00	Genetic and epigenetic traits in cutaneous melanoma Monica Neagu , E.-G. Dobre, C. Constantin, Bucharest, Romania	
19:00 Official Dinner <i>Restaurant Principi Di Piemonte, INTERPRED – World Trade Centre Sofia</i>		

Saturday, June 13th

Conference venue:

*Hall Sofia, INTERPRED – World Trade Centre Sofia,
36 Dragan Tsankov Blvd.*

I Plenary Session 8:30-9:30

Chairs: S. Pavlov, D. Atanasova

8:30 **The carotid body: from a simple oxygen sensor to a polymodal integration hub**
Nikolai Lazarov, D. Atanasova, Sofia, Bulgaria

9:00 **Transcriptomic analysis of primate stem cell niches**
Anton Tonchev, Varna, Bulgaria

I Oral Presentations 9:30-10:30

Chairs: S. Delchev, D. Kadyisky

9:30 **Anatomical connections of the tVTA/RMTg**
Alessandro Bilella, E. Eppler, M. Barrot, Switzerland, France

9:45 **Integrin receptors mediated tissue remodeling**
Volodia Georgiev, USA

10:00 **The anatomical basis of transpedicular screw placement in spinal fusion surgery, presented through photorealistic 3D models in virtual reality**
Toma Spiriev, M. Trandzhiev, F. Carbone, M. Vollenbröcker, V. Nakov, I. Maslarski, J. F. Cornelius, Bulgaria, Germany

10:15 **Experimental rodent models of atherosclerosis. Aortic endothelium changes in Lipofundin model in rats**
Lazar Jelev, Bulgaria

10:30-11:00 Conference Photo and Coffee Break
Meeting of the Bulgarian Anthropological Society

II Plenary Session 11:00-12:00

Chairs: V. Georgiev, R. Milcheva

11:00 **Tritrichomonas lectins with specificity for sialic acid. Biological functions and practical application**
Pavel Babál, Bratislava, Slovakia

11:30 **Plant-derived bioactive compounds and epigenetic cell reprogramming: dual strategies for diabetes treatment**
Marija Đorđević, J. Rajić, A. Sarić, J. A. Jovanović, S. Dinić, N. Grdović, A. Uskoković, M. Mihailović, M. Vidaković, Belgrade, Republic of Serbia

II Oral Presentations 12:00-13:00

Chairs: S. Trifonov, S. Petkova

12:00 **Hydra peptide pedin stimulates neurorepair and remyelination in mice**
David Lutz, Bulgaria

12:15 **PAS-diastase histochemistry for glycogen detection in the myenteric plexus of the rat colon**
Nikolay Genov, N. Dimitrov, D. Atanasova, Bulgaria

12:30 **Downregulation of Neuraminidase 1 expression in mouse skeletal muscles as a response to infection with *Trichinella spiralis* (Owen, 1835) – more questions than answers**
Rositsa Milcheva, S. Petkova, Z. Hurníková, A. Georgieva, K. Todorova, I. Vladov, I. Sulikovska, E. Mihailova, P. Babál, Bulgaria, Slovakia

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12:45	<p>Cell cultures as model systems in cytocompatibility assessment of new wound healing materials and skin care products <i>O. Alexandrov, E. Stoilova, S. Mancheva, T. Zhivkova, L. Dyakova, A. Abudalleh, E. Vassileva, H. Hristov, E. Adomavičiūtė, V. Jankauskaitė, I. Baldea, M. Neagu, M. E. Haskoylu, Radostina Alexandrova, Bulgaria, Lithuania, Romania, Turkey</i></p>
13:00-14:00 Lunch	
III Plenary Session 14:00-15:00 <i>Chairs: R. Alexandrova, S. Sivkov</i>	
14:00	<p>Apolipoproteins have a major role in cellular tumor dormancy in triple negative breast cancer: in-silico study <i>Z. El-Gammal, U. Bakry, A. F. El-Sayed, T. A. Ahmed, G. A. Oura, S. E. Elshenawy, N. El-Badri, A. F. Romany, K. Amer, T. Elnagdy, Osama Azmy, T. Taha, Cairo, Egypt</i></p>
14:30	<p>Depicting layered anatomy of the temporal region in regards to surgical and non-surgical aesthetic interventions <i>Selçuk Tunali, Ankara, Turkey</i></p>
III Oral Presentations 15:00-16:15 <i>Chairs: I. Stefanov, I. Maslarski</i>	
15:00	<p>Digital bone templates for generation of personalized 3D printed implants for clinical medicine <i>Petar Valchanov, Bulgaria</i></p>
15:15	<p>Prolonged “ex situ” liver preservation using an original perfusion device <i>Keti Tsomaia, N. Inauri, O. Philishvili, N. Khodeli, Georgia</i></p>
15:30	<p>A container for “ex situ” machine-assisted liver preservation <i>Nino Inauri, K. Tsomaia, M. Kakabadze, O. Philishvili, A. Dgebuadze, N. Khodeli, Georgia</i></p>
15:45	<p>Internal consistency of a foot and eye dominance scale in male subjects <i>V. Kotetarov, Stefan Sivkov, K. Akabalieva, A. Beshkov, V. Akabaliev, Bulgaria</i></p>
16:00	<p>Changes in the components of human somatotype due to the impact of type 1 and type 2 diabetes mellitus in Bulgarian patients <i>Atanas Baltadjiev, Ts. Petleshkova, Z. Harizanova, K. Argirov, K. Topalova, Bulgaria</i></p>
16:15-16:30 Coffee Break	
III Keynote lecture 16:30-17:00 <i>Chair: S. Pavlov</i>	
16:30	<p>Combining development and evolution to understand the morphology of the ear <i>Abigail Tucker, London, UK</i></p>
17:00-17:30 Meeting of the Bulgarian Anatomical Society	
17:30-18:30 Poster Session I <i>Chairs: A. Vodenicharov, E. Petrova</i>	

Sunday, June 14th

Conference venue:

*Hall Varna, INTERPRED – World Trade Centre Sofia,
36 Dragan Tsankov blvd.*

IV Plenary Session 8:30-9:30

Chairs: A. Katsarov, Y. Gluhcheva

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|-------------|---|
| 8:30 | Forensic medical analysis of closed head acceleration-deceleration injuries
<i>Natasha Davceva, J. Balazic, Shtip, Republic of North Macedonia</i> |
| 9:00 | Modes of inflammasome activity and their implications for the severity in human pathology
<i>Soren Hayrabyan, Y. Marienko, I. Tsvetkova, K. Todorova, Sofia, Bulgaria</i> |

IV Oral Presentations 9:30-10:30

Chairs: A. Baltadjiev, N. Dimitrov

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| 9:30 | APLNR signaling at the crossroads of astrocyte activation and remyelination of the septum in the cuprizone model
<i>Lyubomir Gaydarski, K. Petrova, N. Stamenov, Ts. Obetsanov, A. Iliev, S. Stanchev, P. Rashev, D. Pupaki, M. Mourdjeva, I. Kostadinova, M. Hristov, B. Landzhov, Bulgaria</i> |
| 9:45 | Apelinergic signaling in the hippocampus tracks memory dysfunction in the cuprizone model
<i>Kristina Petrova, L. Gaydarski, N. Stamenov, Ts. Obetsanov, A. Iliev, S. Stanchev, P. Rashev, D. Pupaki, M. Mourdjeva, I. Kostadinova, M. Hristov, B. Landzhov, Bulgaria</i> |
| 10:00 | Exposure to novel environment enhances memory stability in the retrosplenial cortex of Wistar rats
<i>Bogomil Peshev, D. Krushovlieva, P. Rashev,, D. Atanasova, J. Tchekalarova, Bulgaria</i> |
| 10:15 | Antiganglioside antibodies titer in serum of patients with Alzheimer’s disease
<i>V. Kolyovska, Elica Mihaylova, I. Sainova, S. Ivanova, T. Belev, D. Drenska, D. Maslarov, Bulgaria</i> |

10:30-11:00 Coffee Break

V Oral Presentations 11:00-12:30

Chairs: Y. Koeva, N. Davceva

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|--------------|---|
| 11:00 | Frontal Fibrosing Alopecia – clinical and diagnostic criteria
<i>Mary Gantcheva, Bulgaria</i> |
| 11:15 | Diabetes mellitus induced in early life affects spermatogenesis in developing rat and fertility
<i>E. Pavlova, Rosen Ivanov, D. Abadjieva, Y. Gluhcheva, E. Petrova, I. Vladov, E. Lakova, N. Atanassova, Bulgaria</i> |
| 11:30 | Testicular and sperm alterations induced by exposure to polystyrene microplastics during juvenile development in Wistar rats
<i>Hristiyana Kanzova, S. Manchev, R. Ivanov, D. Pupaki, D. Ankova, H. Gagov, I. Sazdova, M. Mishonova, N. Raikova, L. Koceva, A. Ivanov, T. Kirov, D. Atanasova, P. Rashev, M. Andreeva, Bulgaria</i> |
| 11:45 | Double karyosphere, a rare finding in mouse oocytes at germinal vesicle stage
<i>Maya Markova, A. Kolarov, I. Chakarova, V. Hadzhinesheva, R. Zhivkova, S. Delimitreva, V. Nikolova, Bulgaria</i> |
| 12:00 | The role of cholesterol and oxidative stress on the morphology of flagellated cells
<i>Desislav Dinev, A. Kolarov, V. Lazarov, I. Chakarova, V. Hadzhinesheva, K. Kavaldzhieva, K. Belemezova, N. Mladenov, Bulgaria</i> |

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12:15	<p>Human glioblastoma multiforme – searching for new approaches in anticancer treatment <i>Lora Dyakova, T. Zhivkova, A. Abudalleh, H. Hristov, D.-C. Culita, G. Marinescu, T. Mocanu, E. Naydenov, G. Miloshev, M. Georgieva, R. Alexandrova, Bulgaria, Romania</i></p>
<p>12:30-13:30 Poster Session II <i>Chairs: E. Pavlova, A. Dimitrova</i></p>	
<p>13:30-14:30 Lunch</p>	
<p>VI Oral Presentations 14:30-16:15 <i>Chairs: I. Vladov, I. Yankova</i></p>	
14:30	<p>Metal complexes of salinomycin with Zn (II), Co (II), Cu (II), Mn (II) and Gd (III) express promising cytotoxic activity in cultured human cervical cancer and melanoma cells <i>Tanya Zhivkova, H. Hristov, L. Dyakova, A. Abudalleh, P. Dorkov, J. Ivanova, R. Alexandrova, Bulgaria</i></p>
14:45	<p>Molecular characterization of endometrial cell lines <i>Evgenija Sotirovska, J.-H. Park, P. Videv, K. Ganevska, S. Kovachka, R. Ivanov, L. Koleva, A. Kolev, K. Chechev, B. Karamishev, D. Koleva, S. Petrova, Y. Gluhcheva, V. Karamisheva, S. Petrova, K. Mladenova, J. Doumanov, Bulgaria</i></p>
15:00	<p>Scoliosis in 12 year-old adolescent male with CMT disease <i>Sofia Fursova, A. Katsarov, Bulgaria</i></p>
15:15	<p>Comparative study of body composition in adolescent athletes practicing combat sports <i>Albena Dimitrova, Bulgaria</i></p>
15:30	<p>Anthropological and archaeological investigation of a medieval necropolis near the town of Chirpan (Southern Bulgaria) <i>Nadezhda Atanassova, V. Todorov, P. Leshtakov, L. Ovnarska-Kolibarska, Bulgaria</i></p>
15:45	<p>A rare case of spinal dysraphism in Early Iron Age burial <i>Kaloyan Vasilev, Bulgaria</i></p>
16:00	<p>Chemical composition and <i>in vivo</i> antitumor activity of the aqueous ethanol extract from aerial parts of <i>Epilobium parviflorum</i> Schreb. in a mouse model of Ehrlich’s ascites carcinoma <i>Mashenka Dimitrova, I. Sulikovska, K. Dimitrova, I. Ivanov, Bulgaria</i></p>
<p>16:15-16:30 Closing Ceremony</p>	

POSTER PRESENTATIONS

Poster Session I (Posters № 1-27)

Saturday, June 13th

Conference venue:

Interpred World Trade Center,
36 Dragan Tsankov blvd.

17:30-18:30

Chairs: A. Vodenicharov, E. Petrova

1. **Balatskyi, V., P. Dobrzyn - Oleic acid promotes cardiomyocyte maturation via the mTOR-Znf384-SDH pathway, Poland**
2. **Bogeva, I., D. Marinova, L. Angelova, S. Trifonov - Anatomical variation of the thyrocervical trunk: Absence of inferior thyroid artery with dominant supply from the right superior thyroid artery, Bulgaria**
3. **Bollová, M., P. Janega, L. Krivošíková - Detection of microplastics in human placental tissue using Nile Red staining and fluorescence microscopy, Slovakia**
4. **Dimitrov, N., N. Efstratiou, B. Peshev, P. Rashev, L. Kortenska, M. Mourdjeva, D. Pupaki, N. Genov, J. Tchekalarova, D. Atanasova - Region-specific pCREB immunoreactivity in the dorsal hippocampus following β -adrenergic activation of the basolateral amygdala, Bulgaria**
5. **Gerdjikova, A., G. Trenova, D. Bojkova, N. Doneva, E. Uchikova, N. Parahuleva, M. Parahuleva, M. Koleva, Y. Merdjanova-Gargova, A. Paunova, A. Mollova-Kysebekirova - From LSIL cytology to p16-positive cervical lesion: a case report and management approach, Bulgaria, Germany**
6. **Gevezova, M., Ts. Ivanova, I. Pacheva, Y. Sbirkov, I. Ivanov, V. Sarafian - Morphological characteristics and increased expression of LAMP1 and LC3 in patients with autism spectrum disorder, Bulgaria**
7. **Gogiashvili, L., E. Nikobadze, T. Gvianishvili - Doxorubicin-induced neurotoxicity: histopathological and immunohistochemical evidence from acute models, Georgia**
8. **Gogiashvili, L., T. Gvianishvili, E. Nikobadze, D. Makaridze - RET expression across autoimmune thyroid diseases, papillary thyroid carcinoma, and NIFTP: diagnostic and pathogenetic implications, Georgia**
9. **Güçlü, Z. E., S. Dalga - Investigation of the external carotid artery and its terminal branches in sheep using latex and corrosion cast methods, Türkiye**
10. **Haddadin, M., R. Dimitrov - Preparation and making of an anatomical trophy from a European bison head (Bison bonasus), Bulgaria**
11. **Ivanova, I., N. Genov, N. Dimitrov, D. Atanasova, I. Stefanov, K. Miteva - Combination between CT-scan and photogrammetry in the creation of printable bone models, Bulgaria**

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12. **Ivanova, Ts., M. Kazakova, D. Dikov, A. M. Dzhambov, N. Belev, B. Atanasov, E. Tanova, T. Tsvetanov, V. Sarafian - Role of chitinase-like proteins YKL-40 and YKL-39 in colorectal cancer, Bulgaria, France**
13. **Ivanova, Ts., T. Damyanova, T. Todorova, E. Tanova, T. Tsvetanov, V. Sarafian - GP2 expression in colorectal cancer, Bulgaria**
14. **Kazakova, M., D. Dikov, I. Koev, Y. Sbirkov, A. Ozanian, T. Damyanova, V. Sarafian - Tissue expression of chitinase-like proteins in glioblastoma, Bulgaria, France**
15. **Kordzaia, D., N. Khodeli, K. Tsomaia, L. Svanadze - Primo Vascular System under artificial circulation: a pilot hypothesis-based study, Georgia**
16. **Kostadinov, G., A. Vodenicharov, R. Dimitrov, N. Tsandev - Structural characteristic of the pars pelvina urethrae in domestic pig, Bulgaria**
17. **Krivosikova, L., P. Babál, S. Kern, M. K. Kristina, S. Ziaran, B. Trebaticky, A. Janegova, M. Bollova, P. Janega - Prognostic and predictive IHC markers in urinary bladder carcinoma, Slovakia**
18. **Marinova, D., S. Trifonov - De novo primer design and PCR optimization for detection of alternatively spliced mouse ChAT mRNA isoforms, Bulgaria**
19. **Mitkova, B., V. Kenovska, P. Koleva - Resistin and visfatin are two adipokines that are potential markers in patients with endometrial and ovarian cancer - immunohistochemical study, Bulgaria**
20. **Mladenova, S., E. Andreenko - Secular changes on basic head dimensions in contemporary young generation in Western Rhodope region, Bulgaria, Bulgaria**
21. **Popivanova, M., V. Belovezhkov, D. Dikov, A. Ivanov - The possible mast cell role in the etiopathogenesis of microscopic collagenous colitis, Bulgaria**
22. **Sbirkov, Y., T. Todorova, T. Damyanova, Ts. Ivanova, T. Tsvetanov, A. Ozanian, I. Koev, M. Kazakova, V. Sarafian - A 3D bioprinted model of colorectal cancer brain metastasis, Bulgaria**
23. **Stefanov, I., B. Peshev, P. Rashev, N. Dimitrov, N. Efstratiou, N. Genov, L. Kortenska, M. Mourdjeva, J. Tchekalarova, D. Atanasova - Combined memantine and environmental enrichment enhance neurogenesis in the subgranular zone of the dentate gyrus in Wistar rats, Bulgaria**
24. **Stoyanov, D., Ts. Kachovski, L. Veleva, M. Ivanov, K. Bratoeva, A. Tonchev, E. Kovachev, S. Pavlov - From adult morphology to developmental hypothesis: Variation of the adult lateral wrist extensors – a developmental viewpoint, Bulgaria**
25. **Tsandev, N., A. Vodenicharov, P. Sarova - Evaluation of arterial system preparations in male rabbits after filling with silicone elastomer and acrylate plastic, Bulgaria**
26. **Veleva, L., S. Pavlov - Automated evaluation of gene expression in chromogenic in situ hybridization images using spectrum-normalized pseudo-channel, Bulgaria**
27. **Vodenicharov, A., B. Nikolov, N. Tsandev - Endothelial activity in pig intrarenal arteries after using of compound 48/80, Bulgaria**

Poster Session II (Posters № 28-57)

Conference venue:

Sunday, June 14th

Interpred World Trade Center,
36 Dragan Tsankov blvd.

12:30-13:30

Chairs: E. Pavlova, A. Dimitrova

28. Alexandrov, O., H. Hristov, E. Stoilova, S. Mancheva, T. Zhivkova, L. Dyakova, A. Abudalleh, I. Buta, D.-C. Culita, G. Marinescu, T. Mocanu, R. Alexandrova 3D colony-forming method in the search for new anticancer agents, *Bulgaria, Romania*
29. **Angushev, I.**, L. Gaydarski, K. Petrova, T. Obetsanov, N. Stamenov, S. Stanchev, T. Dikov, V. Ivanova, B. Landzhov, A. Iliev - **Depletion of vascular adaptive mechanisms and mast cell-driven fibrosis in established and advanced hypertensive heart disease**, *Bulgaria*
30. **Argirov, K.**, A. Baltadjiev, B. Dobreva-Yatseva, Ts. Petleshkova - **Study of certain anthropometric indicators in Bulgarian men and women with hypertension**, *Bulgaria*
31. **Atanasova, D.**, B. Peshev, P. Rashev, L. Kortenska, M. Mourdjeva, D. Pupaki, N. Dimitrov, N. Efstratiou, J. Tchekalarova - **Arc immunoreactivity and Arc/pCREB distribution in the dorsal hippocampus after β 2-adrenergic activation of the basolateral amygdala**, *Bulgaria*
32. **Barbutska, D.**, Y. Koeva, M. Shishmanova-Doseva, P-P. Petrov - **Inflammatory pathway in aging Leydig cells**, *Bulgaria*
33. **Blagova B.** - **Geometrics in anatomy – "forgotten" neck triangles and their clinical significance**, *Bulgaria*
34. **Chakarova, V.** Hadzhinesheva, R. Zhivkova, M. Markova, V. Nikolova, A. Kolarov, N. Mladenov, G. Boneva, S. Brayanova, J. Prechl, N. Mihaylova, A. Tchorbanov, S. Delimitreva - **Effects of systemic lupus progression on oocyte meiosis in MRL/lpr mice**, *Bulgaria, Hungary*
35. **Delimitreva, S.**, A. Blagoeva, I. Chakarova - **Molecular mechanisms of negative effect of systemic lupus erythematosus on oogenesis and meiotic processes in oocytes**, *Bulgaria*
36. Harizanova, Z., F. Popova, **P. Ivanova**, Z. Todorova, V. Zaykova, L. Grozlekova, A. Baltadjiev - **A rare case of mulberry second molar in a non-syphilitic patient**, *Bulgaria*
37. **Ilovska, A.**, R. Ivanov, E. Pavlova, Y. Gluhcheva - **The effect of chronic exposure to cobalt chloride on mouse liver**, *Bulgaria*
38. **Ivanov, A.**, D. Atanasova, N. Lazarov **Ultrastructural characterization of the three subnuclei of the rat spinal trigeminal nucleus using electron microscopy**, *Bulgaria*
39. **Ivanova–Pandourska, I.**, Y. Zhecheva - **Birth order and its influence on the anthropometric sizes of the newborn**, *Bulgaria*
40. **Kadreva, N.**, N. Penkova, P. Atanassova - **Osteogenesis in the late fetal period in rats**, *Bulgaria*
41. **Kamenska, L.**, Y. Gluhcheva, E. Petrova, R. Ivanov, E. Pavlova, I. Vladov, N. Atanassova - **Morphological changes in the mouse brain after chronic exposure to cobalt chloride**, *Bulgaria*

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42. Kolyovska, V., I. Sainova, V. Nanev - **Development of experimental in vivo-models, suggesting the protective reaction of the organism against increased creatinine. A pilot study, Bulgaria**
43. Kotzev, K., D. Abadjieva - **Morpho-kinematic and biochemical profiling of x- and y-bearing spermatozoa in rams (*Ovis aries*), Bulgaria**
44. M. Pencheva, E. Daskalova, F. Gerginska, S. Delchev, M. Georgieva, P. Denev - **Morphological changes in the ageing kidney after *Aronia melanocarpa* supplementation, Bulgaria**
45. Nikolova, S., D. Toneva - **Frequency of pterygospinous and pterygoalar osseous bridges in Bulgarians, Bulgaria**
46. Obetsanov, T., L. Gaydarski, K. Petrova, N. Stamenov, T. Dikov, V. Ivanova, B. Landzhov, A. Iliev, S. Stanchev - **Disrupted angiogenic signaling and inflammatory cell accumulation in hypertensive kidney disease progression, Bulgaria**
47. Panayotova-Pencheva, M., D. Salkova, R. Binkienė, G. Stanevičiūtė, V. Stunžėnas - **Impact and modern molecular identification of Nematodes in wildlife, Bulgaria, Lithuania**
48. Paraskova, N., Z. Mitova - **Characteristics of the Bulgarian population based on anthropogenetic tests, Bulgaria**
49. Petleshkova, Ts., K. Topalova, K. Argirov, A. Baltadjiev - **Anthropometric study of the facial profile in young Bulgarians based on five angular dimensions, Bulgaria**
50. Petrov, G., D. Abadjieva - **Morphological dynamics of somitic development in *Gallus gallus*: a pilot study, Bulgaria**
51. Pupaki, D., D. Ankova, N. Genov, D. Atanasova, P. Rashev - **Hepatocellular remodeling after microplastic exposure, Bulgaria**
52. Sabri, S., N. Penkova, P. Hrisheva, P. Angelova, K. Georgieva, Y. Nikolova, S. Stoencheva, N. Kirchev, Y. Nikolov - **Experimental model of rat with obesity to study the effects of green tea on metabolic syndrome, Bulgaria**
53. Stamenov, N., I. Dimitrova, G. Georgiev, L. Gaydarski, K. Petrova, B. Landzhov - **High origin and superficial course of ulnar artery: a case report, Bulgaria**
54. Todorova, K., A. Georgieva, R. Milcheva, Z. Petrova, I. Sulikovska, V. Balatskyi, V. Navrulin, W. Laprus, P. Dobrzyń - **Dilated cardiomyopathy in vivo and in vitro modelling with a focus on enzymatic pheno- and genotyping, Bulgaria, Poland**
55. Todorova, Z., F. Popova, I. Angelova, I. Naydenova, Z. Harizanova - **Discriminant functions analysis of facial skull sexual dimorphism in a contemporary sample of the population of South Bulgaria, Bulgaria**
56. Toneva, D., S. Nikolova, D. Zlatareva, N. Fileva, G. Milenov - **Sex differences in size and shape of the coxal bone in Bulgarians, Bulgaria**
57. Zaykova, V., F. Popova, S. Kandilarova, D. Stoyanov - **Altered hemispheric lateralization of Heschl's gyrus in auditory verbal hallucinations: a resting-state fMRI study, Bulgaria**

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