



MEDICAL UNIVERSITY – PLEVEN
DEPARTMENT OF ANATOMY, HISTOLOGY,
CYTOLOGY AND BIOLOGY



BULGARIAN ANATOMICAL SOCIETY

PROGRAMME

**XXV NATIONAL CONGRESS OF THE BULGARIAN
ANATOMICAL SOCIETY WITH INTERNATIONAL
PARTICIPATION**

28 – 30 May 2021

Pleven, Bulgaria

ORGANIZING COMMITTEE

UNDER THE AUSPICES OF:

Prof. Slavcho Tomov, MD, PhD, DSc, Rector of Medical University – Pleven

Prof. Grigor Gorchev, MD, PhD, DSc

PRESIDENT:

Assoc. prof. Stefan Trifonov, MD, PhD – Head of Department of
Anatomy, Histology, Cytology and
Biology, Medical University Pleven

VICE-PRESIDENT:

Iren Bogeva, MD

SCIENTIFIC COMMITTEE:

Prof. Emiliyan Ivanov, MD, PhD

Rumyana Dotsova, MD

Desislava Marinova,

MD Stiliyanka Yochkova, MD

Mihail Iliev, MD

TECHNICAL COMMITTEE:

Miroslav Dobrev, MD

Tihomir Rashev, MSc

Alexander Todorov, MD

SECRETARY:

Margarita Simeonova

28.05.2021 – FRIDAY

Telecommunication Endoscopic Center (TELEC)

12.00 – 18.00 **Registration**

Department of Anatomy, Histology, Cytology and Biology

14.00 – 15.15 **Workshop 1:** Conversations and practice of applied anatomy to create an art installation.
Professor Partha Vaiude, Surgical Art

Telecommunication Endoscopic Center (TELEC) (Hall Ambroise Pare/Hall Galen)

15.30 – 16.15 **Opening ceremony**
Stefan Trifonov, Medical University – Pleven
Rector, Medical University – Pleven
Georg Spartanski, Mayor, Pleven
Nikolai Lazarov, Chairman, Bulgarian Anatomical Society
Beverley Kramer, President of IFAA

16.15 – 16.45 **Plenary lecture 1:** Sentinel lymph node biopsy with Indocyanine green in endometrial cancer – challenges and perspective.
Professor Slavcho Tomov, Medical University – Pleven

16.45 – 17.15 **Plenary lecture 2:** What guides T cells into the brains of multiple sclerosis patients?
Professor Markus Kipp, Rostock University, Germany

17.15 – 17.45 **Plenary lecture 3:** Do mas-related G protein-coupled receptors (Mrgprs) play an important role in the pathogenesis of visceral hypersensitivity?
Professor Jean-Pierre Timmermans, University of Antwerp

17.45 – 18.15 Announcement of “Dimitar Kadanov” Memorial Award.

18.30 **COCKTAIL**

29.05.2021 – SATURDAY

PARALLEL SESSIONS

Hall Ambroise Pare/TELEC		Hall Galen/TELEC	
8.00 – 10.00	Anatomical variations Oral presentations	8.00 – 10.30	Neuroanatomy and neuroscience Oral presentations E-posters
10.00 – 10.10	COFFEE BREAK	10.30 – 10.40	COFFEE BREAK
10.10 – 12.20	Anatomical variations E-posters	10.40 – 12.20	Anatomy education and training Oral presentations E-posters
12.20 – 14.00	LUNCH BREAK		

Department of Anatomy, Histology, Cytology and Biology

12.45 – 14.00	Workshop 2: Conversations and practice of applied anatomy to create an art installation. Professor Partha Vaiude, Surgical Art
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PARALLEL SESSIONS

Hall Ambroise Pare/TELEC		Hall Galen/TELEC	
14.00 – 16.00	Clinical and surgical anatomy Oral presentations	14.30 – 15.30	Cellular and molecular anatomy Oral presentations
16.00 – 16.10	COFFEE BREAK	15.30 – 15.50	COFFEE BREAK

PARALLEL SESSIONS			
Hall Ambroise Pare/TELEC		Hall Galen/TELEC	
16.10 – 18.15	Physical and paleo anthropology Oral presentations E-posters	15.50 – 18.00	Cellular and molecular anatomy E-posters
Telecommunication Endoscopic Center (Hall Ambroise Pare/Hall Galen)			
18.20 – 18.50	Plenary lecture 4: Crossing boundaries – art as a vehicle for interdisciplinary learning. Professor Partha Vaiude, Surgical Art		
20.00	OFFICIAL DINNER		

30.05.2021 – SUNDAY

Telecommunication Endoscopic Center (Hall Ambroise Pare/Hall Galen)

8.00 – 8.40	Plenary lecture 5: Mechanisms of tear drainage – functional and clinical anatomy of the efferent lacrimal system. Professor Friedrich Paulsen, Friedrich Alexander University Erlangen-Nürnberg,
8.40 – 9.00	Plenary lecture 6: Neuroanatomy of striatal spiny neurons with sensorimotor cue. Professor Tetsuo Sugimoto, Kansai Medical University
9.00 – 9.10	COFFEE BREAK

Telecommunication Endoscopic Center (Hall Ambroise Pare/Hall Galen)

9.10 – 12.20	Clinical and surgical anatomy E-posters
12.20 – 12.30	COFFEE BREAK
12.30 – 13.30	Varia Oral presentations E-posters
13.30	CLOSING CEREMONY

Department of Anatomy, Histology, Cytology and Biology

13.45 – 15.00	Workshop 3: Conversations and practice of applied anatomy to create an art installation. Professor Partha Vaiude, Surgical Art
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18.30 COCKTAIL

29.05.2021 – SATURDAY

PARALLEL SESSIONS

Hall Ambroise Pare/TELEC

ANATOMICAL VARIATIONS

8:00 – 10:00 Oral presentations

8:00 – 8:15

VARIATIONS IN THE ORIGIN, COURSE, AND LUMEN OF FACIAL ARTERY

Nina I. Yotova, Stoyan S. Novakov

8:15 – 8:30

ANATOMICAL VARIATIONS IN THE PARANASAL SINUS REGION – A STUDY OF 100 PATIENTS

Julide Kasaboglu, Todor Popov, Julian Rangachev, Lazar Jelev

8:30 – 8:45

BIPHALANGEAL FIFTH TOE IN THE ANATOMY STUDY OF THE MEDICAL STUDENTS

Nikolay V. Genov, Desislava T. Vlasheva, Dimitrinka Y. Atanasova, Ivaylo S.Stefanov, Nikolay D. Dimitrov

8:45 – 9:00

BLOOD SUPPLY AND INNERVATION OF SUBCUTANEOUS FAT DEPOTS IN THE RABBIT

Penka Y. Yonkova

9:00 – 9:15

CASE REPORT OF ABERRANT DORSALIS PEDIS ARTERY

Joro G. Aleksandrov, Aleksandar D. Davidov, Michail E. Iliev, Rumyana I. Dotsova, Stilaynka D. Jockova

9:15 – 9:30

MORPHOMETRIC PARAMETERS OF LYMPHOID FORMATIONS OF THE VAGINAL IN WOMEN OF REPRODUCTIVE AGE

Sabina V. Shadlinskaya

9:30 – 9:45

PREINTERPARIETAL AND INTERPARIETAL BONES ON ARTIFICIALLY DEFORMED SKULLS

Vagif B. Shadlinski, Anar S. Abdullayev

9:45 – 10:00

VARIATIONS IN THE BRANCHING PATTERN OF AXILLARY ARTERY

Anatoli T. Tsvetanov, Hristiyan N. Hristov, Aleksandar A. Todorov, Iskren K.

Gerasimov, Jordan T. Hristov, Stefan V. Trifonov

10:00 – 10:10 COFFEE BREAK

Hall Ambroise Pare/TELEC

ANATOMICAL VARIATIONS

10:10 – 12:20

E-posters

10:10 – 10:20

THE TOPOGRAPHY FEATURES OF THE SUPERIOR ORBITAL FISSURE IN NEWBORNS AND ADOLESCENTS

Abdullayeva Q.M, Mamedova A.J

10:20 – 10:30

THE AGE VARIABILITY OF THE LENGTH OF THE INITIAL PART OF THE GLANDS OF HUMAN PHARYNX

Tarana M. Gasimova, Ayten M. Rzayeva, Nigar A. Mustafayeva, Guney M. Ganiyeva

10:30 – 10:40

RARE ANATOMIC VARIATION OF THE UPPER LIMB BLOOD SUPPLY: CASE REPORT AND LITERATURE REVIEW

Viktor Stoykov, Atanas V. Mitev

10:40 – 10:50

OBSERVATION OF CASES OF CORONA MORTIS IN CADAVER MATERIAL IN THE ANATOMY DEPARTMENT, MEDICAL UNIVERSITY OF PLEVEN

Aleksandar D. Davidov, Joro G. Aleksandrov, Michail E. Iliev¹, Romyana I. Dotsova, Stilyaynka D. Yockova

10:50 – 11:00

HUMAN FETAL HEART AND ITS ATRIOVENTRICULAR ANNULI: NORMAL DIMENSIONS AND CORRELATIONS

Margarita A. Maleeva, Andrei A. Iakimov

11:00 – 11:10

COMMUNICATION BETWEEN MEDIAN NERVE AND MUSCULOCUTANEOUS NERVE: A CASE REPORT

Yoanna V. Tivcheva, Mihail N. Angelov, Dimo S. Krastev,

11:10 – 11:20

AN INTERESTING CASE OF A RARE ANATOMICAL ANOMALY – BIPARIETAL OSTEODYSTROPHY

Teodor A. Lolovski, Marin V. Kanarev

11:20 – 11:30

AN ANATOMICAL OBSERVATION OF THE LEFT ATRIAL ANATOMY

Anton A. Gaponov, Andrei A. Iakimov

11:30 – 11:40

AGE CHARACTERISTICS OF MORPHOMETRIC PARAMETERS OF BONE PALATE

Kamala Sh. Babazade, Agasamid B. Isayev

11:40 – 11:50

VARIATIONS IN THYROID GLAND ARTERIAL BLOOD SUPPLY AND THEIR CLINICAL IMPLICATIONS

Stoyan S. Novakov, Slavi D. Delchev

11:50 – 12:00

GENERATION OF THREE-DIMENSIONAL IMAGES OF SKULLS WITH ANATOMICAL VARIATIONS

Diana H. Toneva, Silviya Y. Nikolova

12:00 – 12:10

A CASE OF MULTIPYRAMIDAL KIDNEYS WITH SMOOTH SURFACE IN A NEW ZEALAND WHITE RABBIT

Kamelia Stamatova-Yovcheva, Rosen Dimitrov, Nikolay Tsandev, Genadi Kostadinov, Anton Russenov, Tsanko Hristov

12:10 – 12:20

A CASE OF ATLAS ASSIMILATION IN A METOPIC SKULL

Silviya Y. Nikolova, Diana H. Toneva

Hall Galen/TELEC

NEUROANATOMY AND NEUROSCIENCE

8:00 – 10:30

Oral presentations

8:00 – 8:15

CHRONIC TREATMENT WITH AGOMELATINE ALLEVIATES NEUROGLIA-MEDIATED INFLAMMATION IN RATS UNDERGOING CHRONIC CONSTANT LIGHT

Nikolai E. Lazarov, Dimitrinka Y. Atanasova, Dimo S. Stoyanov, Radoslav H. Spasov, Anton B. Tonchev, Jana D. Tchekalarova

8:15 – 8:30

MORPHOLOGICAL AND MORPHOMETRIC ANALYSIS OF THE EXTERNAL APERTURE OF THE CAROTID CANAL IN SERBIAN POPULATION

Nikolina Pupovac, Sanja Pekić, Mirela Erić, Nikola Knezi, Maja Kralj

8:30 – 8:45

PHENOTYPICAL CHARACTERIZATION OF ZBTB20-EXPRESSING CELLS IN THE PRIMATE SUBVENTRICULAR ZONE

Dimo S. Stoyanov, Martin N. Ivanov, Tetsumori Yamashima, Anton B. Tonchev

8:45 – 9:00

MICROBEAM RADIATION AS A PROMISING APPROACH FOR TREATMENT OF RADIORESISTANT TUMORS

Valentin Djonov

E-posters

9:00 – 9:10

EXPRESSION OF NEUROTROPHIC FACTORS AND THEIR RECEPTORS IN THE RAT SPINAL TRIGEMINAL NUCLEUS

Andrey V. Ivanov, Dimitrinka Y. Atanasova, Nikolai E. Lazarov

9:10 – 9:20

FACIAL ASYMMETRY IN PATIENTS WITH SCHIZOPHRENIA

Ferihan M. Popova, Mladen Y. Mantarkov, Stefan T. Sivkov, Zdravka D. Harizanova

9:20 – 9:30

FEATURES OF PERIPHERAL NERVES EARLY MYELINATION OF THE FETUS

Huseynova Gulgiz Agagasan, Bashirova Devlet Bayram

9:30 – 9:40

FORMATION OF DIFFERENT MYELIN FIBERS

Zafira J. Nasirova

9:40 – 9:50

MORPHOMETRIC PARAMETERS OF THE 3D MODEL OF DOGIEL TYPE II CELLS OF THE PLEXUS OF THE SMALL INTESTINE

Ramila E. Babayeva

9:50 – 10:00

PROGRAMMED CELL DEATH IN ZBTB20 KNOCKOUT MICE

Iskren B. Velikov

10:00 – 10:10

ROLE OF SERUM ANTI-GM3 ANTIBODIES AS MARKER IN NEURODEGENERATIVE DISORDERS

Vera I. Kolyovska, Iskra V. Sainova, Sonya H. Ivanova, Desislava D. Drenska, Dimitar B. Maslarov

10:10 – 10:20

TOPOGRAPHIC ANATOMY OF THE TEMPORAL BRANCH OF THE FACIAL NERVE

Gulnara Elkhana Kerimzade

10:20 – 10:30

A SIMPLE METHOD FOR LOCALIZATION OF NEURONAL STRUCTURES IN THE RAT COLONIC WALL

Todor Kirov, Lina Malinova, Dimitrinka Atanasova, Nikolai E. Lazarov

10:30 – 10:40 COFFEE BREAK

Hall Ambroise Pare/TELEC

ANATOMY EDUCATION AND TRAINING

10:40 – 12:20

Oral presentations

10:40 – 10:55

EXPERIENCE OF USING VIRTUAL REALITY AND INTERACTIVE TECHNOLOGIES IN TEACHING TOPOGRAPHIC ANATOMY IN A DISTANCE LEARNING ENVIRONMENT

Yuriy Vasil'ev, Sergey Dydykin, Ekaterina Blinova, Olesya Kytko, Renata Meylanova, Artem Kashtanov

10:55 – 11:10

SOME REMARKS IN THE USE OF LATIN NEUTER GENDER IN ANATOMICAL CONTEXT AND DIDACTIC WAYS TO IMPROVE THE TEACHING METHODS

Veronika E. Kelbecheva

11:10 – 11:25

STUDENT OPINION ABOUT THE ONLINE EDUCATION IN THE PRACTICAL EXERCISES OF ANATOMY

Melisa M. Cherkezova, Sevinch R. Hamza

11:25 – 11:40

THE TRANSITION FROM CONVENTIONAL TO DIGITAL SLIDES (VIRTUAL MICROSCOPY) IN PATHOLOGY LAB CLASSES IN THE CONTEXT OF COVID-19 PANDEMIC: THE STUDENTS' POINT OF VIEW

Ivan N. Ivanov, Savelina L. Popovska, Krasimir T. Petrov, Polina D. Dimitrova¹, Stefan V. Trifonov, Rosen N. Hristov, Zornica P. Todorova

11:40 – 11:55

'VISUALEYES' A PORTAL FOR INTERACTIVE LEARNING IN MEDICINE A SAMPLE OF OPHTHALMOLOGY

Zehra B. Gey, Desislava M. Marinova, Vlere Qerkezi, Mustafa Elsiddig, Chandhini V. Kurup, Amrita Kiran, Beril B. Gey

11:55 – 12:10

ANTHROPOLOGICAL ANALYSIS OF SKULLS IN THE DEPARTMENT OF ANATOMY, STARA ZAGORA

Desislava H. Danadjieva, Katerina D. Dobreva, Ussein A. Lavchiev, Nikola L. Pirovski

E-poster

12:10 – 12:20

SIMULATED 3D MODEL OF THE MIDDLE EAR FOR THEORETICAL AND PRACTICAL TRAINING FOR STUDENTS, POST-GRADUATE ENT DISEASES STUDENTS AND BEGINNING OTOSURGEONS

Mirchev S., Valkov A., Milkov M., Nikolov G.

12:20 – 14:00 LUNCH BREAK

Department of Anatomy, Histology, Cytology and Biology

12.45 – 14.00 Workshop 2: Conversations and practice of applied anatomy to create an art installation. Partha Vaiude, Surgical Art

PARALLEL SESSIONS

Hall Ambroise Pare/TELEC

CLINICAL AND SURGICAL ANATOMY

14:00 – 16:00

Oral presentations

14:00 – 14:15

ANATOMICAL RETINAL IMAGE ANALYSIS WITH OPTIC COHERENCE TOMOGRAPHY (OCT)

Zehra B. Gey, G. Balchev, R. Kirkova, S. Murgova

14:15 – 14:30

CEREBELLOPONTINE AND INTRATEMPORAL COURSE OF THE FACIAL NERVE: MORPHOLOGICAL, TOPOGRAPHIC AND MORPHOMETRIC FEATURES

Tsvetan G. Borisov, Iva P. Ivanova, Kaloqn B. Tsanov., Stefan V. Trifonov, Tihomir R. Rashev

14:30 – 14:45

DUA'S LAYER – DISCOVERY OF A NEW LAYER IN THE CORNEA AND ITS CLINICAL SIGNIFICANCE

Kristyan Stefanov, Iren Bogeva, Miroslav Dobrev, Stefan Trifonov

14:45 – 15:00

LEFT CARDIAC DOMINANCE: A CASE REPORT

Teodor I. Todorov

15:00 – 15:15

MORPHOLOGICAL CHARACTERISTICS OF THE ARTERY OF THE ATRIOVENTRICULAR NODE IN CONGENITAL HEART DEFECTS

Galina A Spirina, Christina A Metelkina

15:15 – 15:30

SPECIAL FEATURES OF THE STRUCTURAL ORGANIZATION OF THE HEART CONDUCTING SYSTEM IN DOWN'S SYNDROME

Galina A. Spirina, Christina A. Metelkina

15:30 – 15:45

SURGICAL ANATOMY OF PELVIC FASCIAE AND AUTONOMIC NERVES REVISITED – IMPLICATIONS FOR RECTAL AND PELVIC FLOOR SURGERY

Dragomir Dardanov, Yanislav Mitkov

15:45 – 16:00 KIMMERLE'S ANOMALY – AN UNDERESTIMATED CLINICAL CONDITION

Victoria I. Ivanova, Asya S. Milozinova, Miroslav L. Dobrev, Desislava M. Marinova, Iren V. Bogeva, Stefan V. Trifonov

16:00 – 16:10 COFFEE BREAK

Hall Ambroise Pare/TELEC

PHYSICAL AND PALEOANTHROPOLOGY

16:10 – 18:15

Oral presentations

16:10 – 16:25

ANTHROMETRIC STUDY OF PHYSICAL DEVELOPMENT OF SOFIA UNIVERSITY STUDENTS – PRELIMINARY RESULTS

Ivo I. Vladimirov, Racho St. Stoev

16:25 – 16:40

COMPARATIVE ANTHROPOLOGICAL CHARACTERIZATION OF FIVE POPULATIONS FROM NORTH BULGARIA

Racho St. Stoev, Lukasz Macuga

16:40 – 16:55

STUDY OF THE ERUPTION OF PERMANENT TEETH IN BULGARIAN CHILDREN (PRELIMINARY DATA)

Boyan V. Kirilov, DMD

E-posters

16:55 – 17:05

THE SECRETS OF THE AMAZON TOMBS

Dimitar P. Sivrev, Nikolay D. Dimitrov, Jordan I. Stoyanov, Antoaneta I. Georgieva, Ivelina G. Ivanova

17:05 – 17:15

APPLICATION OF THE FIRST MOLARS IN SEX ASSESSMENT IN BULGARIANS

Harizanova Z, Baltadjiev A, Yordanova M, Popova F

17:15 – 17:25

BODY COMPOSITION OF BULGARIAN BOYS SUFFERING FROM TYPE 1 DIABETES MELLITUS

Atanas Baltadjiev, Zdravka Harizanova, Tsvetanka Petleshkova, Stefan Sivkov, Slavi Tineshev

17:25 – 17:35

BODY MASS INDEX, WAIST CIRCUMFERENCE AND BLOOD PRESSURE IN NORMAL WEIGHT AND OVERWEIGHT 2-6 YEARS OLD CHILDREN

Ivaila Y. Pandourska, Yanitza V. Zhecheva, Albena B. Dimitrova

17:35 – 17:45

FACTOR ANALYSIS OF ANTHROPOMETRIC CHARACTERISTIC IN YOUNG TENNIS PLAYERS

Albena B. Dimitrova, Lubomir Petrov, Ivaila Y. Ivanova-Pandourska

17:45 – 17:55

PALEO-PATHOLOGICAL DATA ABOUT HEALTH CONDITION OF BURIED IN THE OTTOMAN PERIOD IN SOZOPOL, NECROPOLIS EXCAVATED IN CHAIKA STR.

Victoria S. Russeva, Lyuba K. Manoilova

17:55 – 18:05

PALEODEMOGRAPHICAL CHARACTERISTICS AND PALEO-PATHOLOGICAL CHANGES IN THE POPULATION FROM THE NECROPOLIS IN THE NORTH SUBURB OF THE OLD BULGARIAN CAPITAL TARNOVGRAD (ASSENOV QUARTER OF PRESENT-DAY CITY)

Victoria S. Russeva, Lyuba K. Manoilova

18:05 – 18:15

CHARACTERISTICS OF SKIN-FAT WRINKLE THICKNESS IN YOUNG GIRLS

Afgana Kamran Kasamanli

Hall Galen/TELEC

CELLULAR AND MOLECULAR ANATOMY

14:30 – 15:30

Oral presentations

14:30 – 14:45

TRANSCRIPTIONAL PROFILES IN DIFFERENT SUBDOMAINS OF THE ADULT MONKEY SUBVENTRICULAR ZONE NEUROGENIC NICHE

Anton B. Tonchev, Haifang Wang, Martin N. Ivanov, Christina Thaller, Stoyan Pavlov, Tetsumori Yamashima, Anastassia Stoykova, Jun Yan, Gregor Eichele

14:45 – 15:00

ENOS EXPRESSION IN THE WISTAR RAT KIDNEY AFTER SELECTIVE BLOCKADE OF ENDOTHELIN-B RECEPTORS

Lazar Jelev, Despina Pupaki, Dessislava Ankova, Petya Markova

15:00 – 15:15

THE MENSTRUATION STATUS DEPENDENT HISTOMORPHOLOGICAL AND IMMUNOEXPRESSION CHANGES IN THE BREAST TISSUE (SEEN ON ROUTINE BIOPSY SPECIMEN)

Desislava L. Dimitrova, Vasil D. Nanev, Savelina L. Popovska, Ivan N. Ivanov

15:15 – 15:30

EXPRESSION OF NEUROACTIVE SUBSTANCES IN THE PULMONARY NEUROEPITHELIAL BODIES OF SPONTANEOUSLY HYPERTENSIVE RATS

Nikola L. Stamenov, Dimitrinka Y. Atanasova, Lazar S. Jelev, Nikolai E. Lazarov

15:30 – 15:50 COFFEE BREAK

Hall Galen/TELEC

CELLULAR AND MOLECULAR ANATOMY

15:50 – 18:00

E-posters

15:50 – 16:00

ARONIA MELANOCARPA EFFECT ON LEPTIN EXPRESSION IN EPICARDIAL ADIPOSE TISSUE

Elena P. Daskalova, Slavi D. Delchev, Petar I. Hrishev, Pepa K. Atanassova

16:00 – 16:10

DESIGN AND OPTIMISATION OF PCR PRIMERS FOR DETECTION OF SINGLE NUCLEOTIDE POLYMORPHISMS IN THE LEPTIN RECEPTOR GENE

Kaloqn B. Tsanov, Tsvetan G. Borisov, Vladislav.M. Nankov, Stefan V. Trifonov, Tihomir R. Rashev

16:10 – 16:20

EFFECT OF HYPERGLYCEMIA ON BAX PROTEIN EXPRESSION IN PUBERTAL RAT TESTES

Zapryanova S., Pavlova E., Vladov I., Dimitrova S., Atanassova N.

16:20 – 16:30

THE “SWISS ROLL” – A SIMPLE TECHNIQUE FOR HISTOLOGICAL VISUALIZATION OF THE MURINE INTESTINAL TRACT

Krasimir I. Velikov, Desislava M. Marinova, Miroslav L. Dobrev, Tihomir R. Rashev, Stefan V. Trifonov

16:30 – 16:40

ENDURANCE TRAINING AND PREBIOTICS AFFECT THE ACTIVITY OF KEY ENZYMES IN SKELETAL MUSCLE IN STREPTOZOTOCIN-INDUCED DIABETES IN RATS

Fanka D. Gerginska, Slavi D. Delchev, P. I. Christchev, Katerina N. Georgieva, Ivica Z. Dimov, Krasimir O. Boyanov, Iliyan V. Dimitrov, Mariya A. Choneva, Tatyana I. Vlaykova, Anelia V. Bivolarska, Georgi V. Vasilev

16:40 – 16:50

GDNF – AN ANTIAPOPTOTIC FACTOR IN TESTICULAR AGING?

Darina S. Barbutska, Anelia A. Petrova, Yvetta A. Koeva

16:50 – 17:00

HISTOMORPHOMETRIC QUANTITATIVE ANALYSIS OF COLLAGEN CONTENT IN SHR KIDNEY

Stancho Stanchev, Alexandar Iliev, Georgi Kotov, Nikola Stamenov, Boycho Landzhov

17:00 – 17:10

IMMUNOHISTOCHEMICAL CHARACTERIZATION OF THE EFFECT OF RADIATION ON SMOOTH MUSCLE CELLS IN THE STOMACH

Mina Pencheva, Ivetta Koeva

17:10 – 17:20

LYMPHATIC TISSUE IN THE PORCINE GALLBLADDER

Ivaylo S. Stefanov, Nikolay S. Tsandev, Ivelina G. Ivanova, Sevinch R. Hamza, Vanessa H. Pilicheva, Angel P. Vodenicharov

17:20 – 17:30

NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE-DIAPHORASE (NADPH-D) REACTIVITY IN THE WALL OF PORCINE AUDITORY TUBE

Nikolay S. Tsandev and Angel P. Vodenicharov

17:30 – 17:40

SEMI-QUANTITATIVE ANALYSIS OF FIBROBLAST GROWTH FACTOR-2 EXPRESSION IN THE HYPERTENSIVE MYOCARDIUM

Alexandar Iliev, Georgi Kotov, Stancho Stanchev, Nikola Stamenov, Boycho Landzhov

17:40 – 17:50

THE ROLE OF THE JUXTAORAL ORGAN IN THE WRONG
HYSTOPATHOLOGICAL DIAGNOSIS

Kaloqn B. Tsanov, Tsvetan G. Borisov, Iva P. Ivanova, Stefan V. Trifonov, Tihomir R.
Rashev

17:50 – 18:00

TRIPETIDYL PEPTIDASE I ACTIVITY IN PIG'S URETEROVESICAL JUNCTION – AN
ENZYME HISTOCHEMICAL STUDY

Angel P. Vodenicharov, Mashenka B. Dimitrova, Nicolay S. Tsandev, Ivaylo S. Stefanov,
G. N. Kostadinov

Telecommunication Endoscopic Center

(Hall Ambroise Pare/Hall Galen)

18:20 – 18:50 Plenary lecture 4: Crossing boundaries – art as a vehicle for interdisciplinary
learning. Professor Partha Vaiude, Surgical Art

20:00 OFFICIAL DINNER

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(Hall Ambroise Pare/Hall Galen)

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Alexander University Erlangen-Nürnberg

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cue. Professor Tetsuo Sugimoto, Kansai Medical University

9:00 – 9:10 COFFEE BREAK

Telecommunication Endoscopic Center

(Hall Ambroise Pare/Hall Galen)

CLINICAL AND SURGICAL ANATOMY

9:10 – 11:40

E-posters

9:10 – 9:20

BONE REGENERATION STIMULATED BY ERYTHROPOIETIN

Radina N. Vasileva, Tsvetan Chaprazov, Dimitar Sivrev, Nikolay Dimitrov

9:20 – 9:30

THE IMPORTANCE OF CLINICAL ANATOMY AND APPLICATION TO BRACHIOPLASTY SURGERY

James S Odedra, Sneha Z Parambi, Iren Bogeva

9:30 – 9:40

MORTON'S TOE PREVALENCE IN BULGARIAN POPULATION

Meglana V. Angelova, Veselina G. Zhekova, Desislava M. Marinova

9:40 – 9:50

THE IMPORTANCE OF CLINICAL ANATOMY AND ITS VARIATIONS IN FACIAL NERVE BRANCHES FOR ITS IDENTIFICATION FOR PAROTIDECTOMY

James S Odedra, Sneha Z Parambi, Iren Bogeva

9:50 – 10:00

PERIORBITAL ANTHROPOMETRIC MEASUREMENTS IN SERBIAN POPULATION

Nikola Knezi, Vladimir Išaretović, Nikola Babić, Ivan Ađić, Nikolina Pupovac, Dunja Laketa, Dušica Marić, LjubicaStojšić Džunja

10:00 – 10:10

RADICULAR CYST IN THE MANDIBLE – A CLINICAL CASE

Zlatizara Hr. Todorova, Tsvetan B. Tsvetanov

10:10 – 10:20

THE IMPORTANCE OF CLINICAL ANATOMY AND ITS VARIATIONS OF THE FACE DURING THE AGING PROCESS IN RELATION TO THE RHYTIDECTOMY PROCEDURE

Sneha Z Parambi, James S Odedra, Iren Bogeva

10:20 – 10:30

SALIVARY GLANDS BIOPSY DUE TO PRESENCE OF SJÖGREN'S SYNDROME –
A CLINICAL CASE

Zlatizara Hr. Todorova, Tsvetan B. Tsvetanov

10:30 – 10:40

MORPHOLOGICAL ASPECTS OF MYOCARDIAL BRIDGES

Eugeniya G. Dmitrieva

10:40 – 10:50

INVOLVEMENT OF LEPTIN IN THE BILIARY CHOLESTEROL METABOLISM
AND GALLSTONE DISEASE

Nadya I. Penkova, Petar I. Hrishev, Pepa K. Atanassova, Vladimir R. Penkov

10:50 – 11:00

ACUPUNCTURE POINT MINGMEN (GV 4) – TOPOGRAPHIC ANATOMY

Nikolay D. Dimitrov, Dimitrinka Y. Atanasova, Nedelina H. Malcheva, Yordanka A.
Staykova, Nikolay V. Genov, Antoaneta I. Georgieva, Irena V. Valkova, Yordan I.
Stoyanov, Dimitar P. Sivrev

11:00 – 11:10

ABOUT THE CHANGES IN THE VERTEBRAL COLUMN IN SOME AGE PERIODS

Sadagat Mahyaddin Rustamova, Ziyafat Rasim Seyidova

11:10 – 11:20

CALOT'S TRIANGLE- AND HEPATOCYSTIC TRIANGLE-LIKE AREAS IN
DOMESTIC SWINE

Ivaylo S. Stefanov

11:20 – 11:30

CRANIOMETRIC POINTS ESSENTIAL GUIDENCE IN THE NEUROSURGICAL
PRACTICE

Milan M. Mladenovski, Iliya V. Valkov, Nikolay V. Vasilev

11:30 – 11:40

A. SUBCLAVIA DEXTRA LUSORIA (ABERRANT RIGHT SUBCLAVIAN
ARTERY) – DEMONSTRATION OF A RARE DISSECTING FINDING

Rumyana I. Dotsova, Teodor I. Todorov, Aleksandar D. Davidov

11:40 – 11:50

AN ANATOMICAL STUDY OF THE PONTICULUS POSTICUS OF DRY BONE
SPECIMENS IN THE ANATOMY DEPARTMENT OF MEDICAL UNIVERSITY –
PLEVEN: A CASE REPORT

Lyubka L. Lyubenova, Ralitsa E. Isaeva, Miroslav L. Dobrev, Desislava M. Marinova,
Tihomir R. Rashev, Stefan V. Trifonov

11:50 – 12:05

AN ANATOMICAL VARIATION OF THE SUPERFICIAL PALMAR ARCH

Hristiyan N. Hristov, Anatoli T. Tsvetanov, Aleksandar A. Todorov, Iskren K. Gerasimov,
Jordan T. Hristov, Stefan V. Trifonov

12:05 – 12:20

A VARIATION IN LATERAL ANTEBRACHIAL CUTANEOUS NERVE

Anatoli T. Tsvetanov, Hristiyan N. Hristov, Aleksandar A. Todorov, Iskren K. Gerasimov,
Jordan T. Hristov, Stefan V. Trifonov

12:20 – 12:30 COFFEE BREAK

VARIA

12:30 – 13:30

Oral presentations

12:30 – 12:45

CODED MARTIAL ARTS IN BULGARIAN FOLK DANCES, PRAVO HORO

Stanislav P. Bagalev, Nikola L. Pirovski

12:45 – 13:00

FRIEDREICH'S ATAXIA IN CHILDHOOD: ANATOMICAL-CLINICAL
CORRELATION (CASE REPORT AND LITERATURE REVIEW)

Iliana T. Yotova, Hristo V. Vaikov

E-posters

13:00 – 13:10

ZN(II)/AU(I) AND ZN(II)/AG(I) WITH SCHIFF BASES DERIVED FROM 2,6-
DIFORMYL CRESOL EXPRESS PROMISING CYTOTOXIC ACTIVITY IN
DIFFERENT HUMAN CANCER CELLS

Tanya D. Zhivkova, Abdulkadir M. Abudalleh, Boyka D. Andonova-Lilova, Desislav R.
Dinev, Lora V. Dyakova, Daniela-Cristina Culita, Gabriela Marinescu, Luminita Patron3,
Radostina I. Alexandrova

13:10 – 13:20

MRI PELVIC ANATOMY IN RECTAL CANCER PATIENTS AFTER
PREOPERATIVE RADIOTHERAPY

Aneta T. Yacheva, Dragomir D. Dardanov, Yanislav E. Mitkov, Dora K. Zlatareva

13:20 – 13:30

α -SMA EXPRESSION IN THE ANTERIOR CRUCIATE LIGAMENT IN HUMAN

Georgi P. Georgiev, Julian R. Ananiev, Svetoslav A. Slavchev, Boycho V. Landzhov

13:30 CLOSING CEREMONY

Department of Anatomy, Histology, Cytology and Biology

13.45 – 15.00 Workshop 3: Conversations and practice of applied anatomy to create an art installation. Professor Partha Vaiude, Surgical Art