



**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)

**15.30 – 16.15**    **Opening ceremony**  
Stefan Trifonov, Medical University – Pleven  
Rector, Medical University – 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

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

### Department of Anatomy, Histology, Cytology and Biology

<b>12.45 – 14.00</b>	<b>Workshop 2:</b> Conversations and practice of applied anatomy to create an art installation. Professor Partha Vaiude, Surgical Art
----------------------	--

### PARALLEL SESSIONS

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

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

## 30.05.2021 – SUNDAY

### Telecommunication Endoscopic Center

#### (Hall Ambroise Pare)

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

### Telecommunication Endoscopic Center

#### (Hall Ambroise Pare)

<b>9.10 – 12.20</b>	<p><b>Clinical and surgical anatomy</b> E-posters</p>
<b>12.20 – 12.30</b>	<b>COFFEE BREAK</b>
<b>12.30 – 13.30</b>	<p><b>Varia</b> Oral presentations E-posters</p>
<b>13.30</b>	<b>CLOSING CEREMONY</b>

### **Department of Anatomy, Histology, Cytology and Biology**

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

# **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 (Hall Ambroise Pare)**

**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 perspectives.

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**

**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. Iliev<sup>1</sup>, Romyana I. Dotsova, Stilaynka 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. Dimitrova<sup>1</sup>, 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**

TRIPYPTIDYL 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)**

**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)**

**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 in the sensorimotor  
cue. Professor Tetsuo Sugimoto, Kansai Medical University

**9:00 – 9:10 COFFEE BREAK**

## **Telecommunication Endoscopic Center**

**(Hall Ambroise Pare)**

### **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**

**$\alpha$ -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