

**8th International Symposium  
of Clinical and Applied Anatomy  
31 August - 3 September 2016, Budapest, Hungary**

# **PROGRAM BOOK**



# WELCOME

Dear Participants, dear Colleagues!

On behalf of the Organizing Committee and the Hungarian Anatomical Society, it is our most sincere pleasure to cordially invite you to participate in the **8th International Symposium of Clinical and Applied Anatomy, held between September 1-3, 2016 in Budapest**. Following the inevitable success of the last meeting, held in Bratislava, we will do our best to entertain you both from a scientific and social point of view.

Budapest, the Hungarian capital, is one of the most beautiful cities in the world, rich in history, art and music. The hilly Buda side with its Castle and the Citadelle, offers magnificent views over the Danube and the bridges connecting Buda to Pest. This place will enchant you with a sparkling city centre, green parks and romantic church spires. One of the most exciting destinations in Europe, Budapest is full of secrets to uncover, hidden spots to explore and lavish spas for a healthy relaxation.

ISCAA symposia are famous for their high standard of scientific merit together with a specifically friendly atmosphere, where our young colleagues may introduce their work and participate in fruitful discussions. The participation of early career scholars and postgraduate research scientists is therefore strongly encouraged.

We hope that the symposium will serve with a great opportunity to meet with friends and to get to know each other better. Our ultimate goal is to help forming new relationships besides strengthening the already existing collaborations.

We wish you a very pleasant and rewarding get-together in Budapest!

Dr. Andrea D Székely  
President of the  
Organising Committee

Prof. Dr. Ágoston Szél  
Congress President

Prof. Dr. Péter Sótonyi  
President of the  
Hungarian Anatomical Society

# ORGANIZERS

## Under the patronage of

Prof. Dr. Ágoston Szél, Congress President

Prof. Dr. Péter Sóttonyi, President of the Hungarian Anatomical Society

Prof. Dr. Miklós Réthelyi, Former President of the Hungarian Anatomical Society

Prof. Dr. Donáth Tibor, Former President of the Hungarian Society of Anatomists, Histologists and Embryologists

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Mónika Tóth (Secretary, Budapest)

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## Invited Plenary Speakers

Fabrice Duparc (Rouen, France)

Jose Sanudo (Madrid, Spain)

Martin Wild (Auckland, New Zealand)

## Invited Speakers, Members of the ISCAA board:

Susana Biasutto (Cordoba, Argentina)

Nihal Apaydin (Ankara, Turkey)

Václav Báča (Jihlava, Czech Republic)

Ayhan Cömert (Ankara, Turkey)

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Ivan Varga (Bratislava, Slovakia)

## Symposium Secretariat

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# GENERAL INFORMATION

## Symposium Venue

Mercure Budapest Buda Hotel\*\*\*\*

Address: H-1013 Budapest, Krisztina Körút 41-43.

Reception: +36-1-488-8100

E-mail: H1688@accor.com

<b>Registration fee</b>	<b>After 15 August</b>
Participant	400 EUR
Student	300 EUR

Registration fees for participants include the entry to scientific programs and exhibition, conference materials, Get-together-party on 31 August and coffee breaks.

## Registration Desk

Opening hours:

31 August (Wednesday) 16:00 – 20:00

1 September (Thursday) 08:00 – 15:30

2 September (Friday) 08:00 – 17:00

3 September (Saturday) 08:00 – 14:00

## Exhibitors

Exhibitors' stands will be on display in front of the conference Hall throughout the conference.

## Oral Presentation

Plenary lectures will take place in the conference hall (ROOM 1).

Oral presentations will take place in the Conference Hall (ROOM 1) and Session Room (ROOM 2).

Please hand over your lecture (pen-drive, CD-ROM) to the technician in the conference or session room before the beginning of the actual session.

## Poster Presentation

Please kindly note that your poster will be on display **for one day only**.

You are requested to mount your poster in the morning of your presentation day and to remove it latest until 17:30 on the same day. Posters left on the poster boards after this time will be removed and will not be stored.

Poster size: 90 x 120 cm, portrait

### **Public Transport in Budapest**

Public transport in the city is well-organized. Trams, buses and metro lines operate without conductors. Tickets must be purchased in advance at tobacco shops, newsstands, metro stations or at vendor machines at some tram and bus stops. Weekly and Tourist (valid for 3 day) passes allowing free travel on all means of transportation within the city limits and can be bought at each metro station.

### **Taxis**

Taxis are yellow in Budapest. We suggest that you use only taxis equipped with a taximeter, e.g. Főtaxi, City Taxi, Taxi5, TaxiPlus or Buda Taxi. Beware of private cabs, especially those without a taximeter.

### **Parking**

Parking in the central districts of Budapest is available against a fee. You need to purchase a parking ticket from the vending machines on the streets. Only HUF coins are accepted.

### **Notice for Drivers (Zero Alcohol)**

Drivers should be aware that there is a zero tolerance of blood alcohol level while driving in Hungary.

### **Insurance**

The Organizing Committee cannot assume responsibility for injuries or losses occurring to persons or personal belongings during the Conference. Participants are therefore advised to travel with a valid insurance package.

## SOCIAL PROGRAMS

### **Get-Together-Party (31 August, Wednesday)**

Get-together party will be held for all registered participants at the symposium venue (Mercure Budapest Buda Hotel).

Price: included in the registration fee

### **Walking Tour to the UNESCO World Heritage Castle Hill (1 September, Thursday)**

Join us to an exciting tour to one of the "must-see sights" of Budapest: to the Castle District. Stroll through the old cobblestone streets, discover the many historic and hidden sights while our guide reveal facts about Hungarian history and culture along the way. The Castle District is home of the Royal Castle as well as the historic Matthias Church which is one of the symbols of our capital.

Enter the "Hospital in the Rock" exhibition, a former secret emergency hospital with a history dating back to World War II. The hospital is part of an approximately 10-km long natural system of interconnected caves and cellars underneath Buda Castle Hill. Afterwards walk upon the viewing terrace of the Fisherman's Bastion, which offers a stunning view of the Danube, Margaret Island and Gellert Hill.

The tour ends with a delicious dinner in one of the nice restaurants of the Castle District.

Price: 25 EUR/person (incl. entrance fees and dinner)

### **Gala Dinner (3 September, Saturday)**

Gala Dinner of the Symposium will take place on board of a Danube boat. Join us to experience the most beautiful illuminated sights of Budapest from the blue highway of our capital, while an atmospheric banquet dinner will guarantee superb entertainment for this evening.

Departure by bus from Mercure Buda Hotel at 18:30.

Price: 60 EUR/person

### **Optional Sightseeing Programs**

Participants of the meeting have the possibility to join to several sightseeing tours in Budapest or at the countryside. Prices of the following tours include also a **pick up service** 30 minutes before the departure time.

#### Grand City Tour

Departure: at 10:00 or 11:00 or 14:30

Duration: 3 hours

Price: 25 EUR/person

### Parliament visit

Departure: at 9:30 or 13:15

Duration: 1,5 hours

**Attention! Passport or ID card is requested at entrance!**

Price: EU citizens 25 EUR/person  
non-EU citizens 37 EUR/person

### Parliament and Grand City Tour

Departure at 9:30 or 13:15

Duration: 4,5 hours

**Attention! Passport or ID card is requested at entrance!**

Price: EU citizens 42 EUR/person  
non-EU citizens 55 EUR/person

### Szentendre & Visegrád Tour

Departure at 14:00

Duration: 4,5 hours

Price: 44 EUR/person

### Royal Tour

Departure: at 9:00

Duration: 4 hours

Price: 36 EUR/person

### Danube Bend Tour

Departure: at 9:00

Duration: 9,5 hours

Price: 67 EUR/person

Detailed information about the above sightseeing tours is available  
at the Registration Desk.



# DETAILED SCIENTIFIC PROGRAM

**Wednesday, 31 August**

**17.00 – 17:40**    **Opening Ceremony**  
**Welcome Speeches**

*Musical surprise*

17:05 – 17:15    Prof. Szél Ágoston  
President of the Symposium

17:15 – 17:25    Prof. Réthelyi Miklós  
Former President of the Hungarian Anatomical Society

17:25 – 17:35    Prof. Sótonyi Péter  
President of the Hungarian Anatomical Society

*Musical surprise*

**17.40 – 18:45**    **Opening lectures**  
**Chair: Székely A.**

**Borderline Anatomy - A new course in the curriculum of Pécs University**

Reglődi Dóra<sup>1</sup>, Fülöp Balázs D.<sup>1</sup>, Farkas József<sup>1</sup>, Vicena Viktória<sup>1</sup>,  
Lubics Andrea<sup>1</sup>, Tamás Andrea<sup>1</sup>, Hollósy Tibor<sup>1</sup>

<sup>1</sup>*University of Pécs, Department of Anatomy, HUNGARY*

**FIPAT and current state of morphological nomenclatures**

Kachlik David<sup>1</sup>

<sup>1</sup>*Second Faculty of Medicine, Charles University, Department of Anatomy, CZECH REPUBLIC*

**Those Great Men and their Magnificent Discoveries. A short tale on “History of Histology”**

Ghallab Ayman M.<sup>1</sup>

<sup>1</sup>*Zagazig University, Faculty of Medicine, Histology Department, Histology, EGYPT*

**19.00**            **Get together party**

**Thursday, 1 September**

**ROOM 1.**

- 08.30 – 09.30**     **Anatomy and histology of pelvic internal organs**  
**Chairs: Varga I. and Szekely A.**
- 08.30 – 08.45     **Structural analysis of the anterior and posterior regions of the external anal sphincter; the spatial relationship with the bulbospongiosus and the coccyx**  
Muro Satoru<sup>1</sup>, Baramée Phichaya<sup>1</sup>, Suriyut Janyaruk<sup>1</sup>, Nasu Hisayo<sup>1</sup>, Harada Masayo<sup>1</sup>, Yamaguchi Kumiko<sup>1</sup>, Akita Keiichi<sup>1</sup>  
<sup>1</sup>*Department of Clinical Anatomy, Tokyo Medical and Dental University, JAPAN*
- 08.45 – 09.00     **Anatomy of Treitz's muscle of anal canal**  
Yamaguchi Kumiko<sup>1</sup>, Muro Satoru<sup>1</sup>, Akita Keiichi<sup>1</sup>  
<sup>1</sup>*Tokyo Medical and Dental University (TMDU), JAPAN*
- 09.00 – 09.15     **Latest news in microscopic anatomy of the human uterine tube**  
Varga Ivan<sup>1</sup>, Miko Michal<sup>1</sup>, Kajanová Marianna<sup>2</sup>, Urban Ladislav<sup>2</sup>, Polák Stefan<sup>1</sup>  
<sup>1</sup>*Comenius University in Bratislava, Faculty of Medicine, Institute of Histology and Embryology, SLOVAKIA*, <sup>2</sup>*Department of Gynaecology and Obstetrics, ForLife General Hospital in Komárno, SLOVAKIA*
- 09.15 – 09.30     **The effects of cilostazol, a phosphodiesterase 3A inhibitor, on the number of ovarian follicles: An experimental study**  
Kirikci Gamze<sup>1</sup>, Keskinöz Elif Nedret<sup>2</sup>, Alparslan R. İrem<sup>3</sup>, Kurtoglu Zeliha<sup>4</sup>  
<sup>1</sup>*Medical Faculty, Anatomy, TURKEY*, <sup>2</sup>*Acibadem University, Department of Anatomy, TURKEY*, <sup>3</sup>*Acibadem University, Vocational School of Health Services, TURKEY*, <sup>4</sup>*Mersin University, Department of Anatomy, TURKEY*
- 09.30 – 10.00     *Coffee break*
- 10.00 – 10.30**     **Plenary lecture 1.**  
**Publishing in Anatomy: a ten years experience as Editor in Chief of Surgical and Radiologic Anatomy. Reflections and perspectives**  
Duparc Fabrice M.<sup>1</sup>  
<sup>1</sup>*Rouen University, Anatomy, FRANCE*

- 10.30 – 12.15 Teaching Methods: Simulations and training systems**  
**Chairs: Baca V. and Dydykin S.**
- 10.30 – 10.45 **Biomechanical modelling as a progressive tool in clinics and clinical anatomy**  
Baca Vaclav<sup>1,2,3</sup>, Horak Z.<sup>2,3</sup>, Otcenasek M.<sup>2,4</sup>, Kachlik D.<sup>5</sup>, Grill R.<sup>2,4</sup>, Dzupe V.<sup>2,6</sup>  
<sup>1</sup>*Department of Anatomy, Third Faculty of Medicine, Charles University in Prague,* <sup>2</sup>*Center for Integrated Study of Pelvis, Third Faculty of Medicine, Charles University in Prague,* <sup>3</sup>*College of Polytechnics Jihlava, Tolsteho 16, Jihlava,* <sup>4</sup>*Department of Urology, Third Faculty of Medicine, Charles University in Prague and FNKV Prague,* <sup>5</sup>*Department of Anatomy, Second Faculty of Medicine, Charles University in Prague,* <sup>6</sup>*Department of Orthopaedics and Traumatology, Third Faculty of Medicine, Charles University in Prague and FNKV Prague*
- 10.45 – 11.00 **Step-by-step Imaging and Surgical Anatomy training systems database for the most common surgical interventions**  
Dydykin Sergey<sup>1</sup>, Zhuravlev Dmitry<sup>2</sup>, Scherbyuk Alexandr<sup>1</sup>, Bogoyavlenskaya Tatiana<sup>1</sup>  
<sup>1</sup>*Sechenov First Moscow State Medical University, Department of Topographical Anatomy & Operative Surgery, RUSSIA,* <sup>2</sup>*Molnet, RUSSIA*
- 11.00 – 11.15 **Engineering methods in minimally invasive surgery training**  
Nagy Dénes<sup>1</sup>  
<sup>1</sup>*University of Óbuda, Antal Bejczy Center for intelligent Robotics, Budapest, HUNGARY*
- 11.15 – 11.30 **Browsing software of head sectioned images for android mobile device**  
Park Jin Seo<sup>1</sup>  
<sup>1</sup>*Dongguk University School of Medicine, Department of Anatomy, SOUTH KOREA*
- 11.30 – 11.45 **Philosophy of teaching the head and neck anatomy for medical and dental students**  
Kluchová Darina<sup>1</sup>, Lovásová Květuše<sup>1</sup>, Majerník Jaroslav<sup>2</sup>  
<sup>1</sup>*Faculty of Medicine, P. J. Šafárik University in Kosice, Department of Anatomy, SLOVAKIA,* <sup>2</sup>*P.J. Šafárik University in Košice, Department of Medical Informatics, SLOVAKIA*

- 11.45 – 12.00 **Topographic anatomy research that changes what we teach. Research-enriched education using the wrist as an example**  
Fogg Quentin A.<sup>1</sup>  
<sup>1</sup>*Monash University, Centre for Human Anatomy Education, AUSTRALIA*
- 12.00 – 12.15 **Body Painting: increasing public engagement in popular anatomy education**  
Kirkness Karen S.<sup>1</sup>  
<sup>1</sup>*3D Printworks, UNITED KINGDOM*
- 12.15 – 13.00 *Lunch*
- 13:00 – 14.00 **Poster Session 1.**
- 14.00 – 15.30 **Surgical and Imaging Anatomy: Head and neck topography**  
**Chairs: Feigl G. and Kachlik D.**
- 14.00 – 14.15 **The Transitional Muscle of Eyes and Its Complex Relations with Neighboring Muscles**  
Kampan Natnicha<sup>1</sup>, Itsuko Okuda<sup>2</sup>, Hisayo Nasu<sup>1</sup>, Kumiko Yamaguchi<sup>3</sup>, Keiichi Akita<sup>1</sup>  
<sup>1</sup>*Department of Clinical Anatomy, Tokyo Medical and Dental University (TMDU), JAPAN,* <sup>2</sup>*Department of Diagnostic Radiology, International University of Health and Welfare, Mita Hospital, JAPAN,* <sup>3</sup>*Institute of Education, Tokyo Medical and Dental University (TMDU), JAPAN*
- 14.15 – 14.30 **An anatomic study of the functional relationships between the temporalis with reference to the anterolateral muscle bundle and the facial muscle layer**  
Sakaguchi-Kuma Tomomi<sup>1</sup>, Fukino Keiko<sup>1</sup>, Shimazaki Kazuo<sup>1</sup>, Yamaguchi Kumiko<sup>2</sup>, Okuda Itsuko<sup>3</sup>, Ono Takashi<sup>1</sup>, Akita Keiichi<sup>2</sup>  
<sup>1</sup>*Tokyo Medical and Dental University (TMDU), Department of Orthodontic Sciences, JAPAN,* <sup>2</sup>*Tokyo Medical and Dental University (TMDU), Department of Clinical Anatomy, JAPAN,* <sup>3</sup>*International University of Health and Welfare, Mita Hospital, Department of Diagnostic Radiology, JAPAN*

- 14.30 – 14.45 **Standardization of Sternocleidomastoid for Botulinum Toxin Applications**  
Torun Bilge İpek<sup>1</sup>, Kendir S.<sup>2</sup>, Uz A.<sup>2</sup>  
<sup>1</sup>Ankara Yildirim Beyazit University Faculty of Medicine, Anatomy, TURKEY, <sup>2</sup>Ankara University, Faculty of Medicine, Department of Anatomy, TURKEY
- 14.45 – 15.00 **The Anatomy of the interscalene gap: everything that clear for everybody?**  
Feigl Georg C.<sup>1</sup>, Aichner Elisabeth<sup>1</sup>, Avila Carla<sup>2</sup>, Litz Rainer<sup>2</sup>  
<sup>1</sup>Institute of Macroscopical and Clinical Anatomy, AUSTRIA, <sup>2</sup>Department of Anaesthesiology, Bergmannsheil, GERMANY
- 15.00 – 15.15 **Scalenovertebral triangle – myth or truth?**  
Kachlik David<sup>1</sup>, Feigl Georg C.<sup>2</sup>  
<sup>1</sup>Second Faculty of Medicine, Charles University, Department of Anatomy, CZECH REPUBLIC, <sup>2</sup>University of Graz, Department of Anatomy, AUSTRIA
- 15.15 – 15.30 **Distance of the exit point of the supraclavicular nerves through the prevertebral fascia to the area nervosa: to neglect or not?**  
Feigl Georg C.<sup>1</sup>, Aichner Elisabeth<sup>1</sup>, Avila Carla<sup>2</sup>, Litz Rainer<sup>2</sup>  
<sup>1</sup>Institute of Macroscopical and Clinical Anatomy, AUSTRIA, <sup>2</sup>Department of Anaesthesia, Bergmannsheil, GERMANY
- 15.30 - *Conference group photo*
- 16:00 - *Social Program – Walking Tour to Castle Hill*

## ROOM 2.

- 14.00 – 15.30 Morphometry**  
**Chairs: Duparc F. and Fogg Q.**
- 14.00 – 14.15 **Morphometric analysis of sternal sexual dimorphism in a contemporary Saudi population**  
Ahmed Altayeb A.<sup>1</sup>, Alshammari Faris O.<sup>1</sup>, Alrafiaah Abdulaziz S.<sup>1</sup>, Almohaisani Ali A.<sup>1</sup>, Omar A. Al-Moherj<sup>1</sup>, Alkubaidan Fahad O.<sup>2</sup>  
<sup>1</sup>King Saud bin Abdulaziz University for Health Sciences, Basic Medical Sciences, College of Medicine, SAUDI ARABIA, <sup>2</sup>King Abdulaziz Medical City, Department of Medical Imaging, SAUDI ARABIA
- 14.15 – 14.30 **Photo-Realistic Statistical Exemplars of Skulls: Visualizing Average Sex and Ancestry in High-Resolution for Forensic Anthropology**  
Caple Jodi M.<sup>1</sup>, Stephan Carl N.<sup>1</sup>  
<sup>1</sup>The University of Queensland, AUSTRALIA
- 14.30 – 14.45 **Anthropometric correlations between parts of the upper and lower limb: Models for personal identification in a Sudanese population**  
Ahmed Altayeb A.<sup>1</sup>  
<sup>1</sup>King Saud bin Abdulaziz University for Health Sciences, Basic Medical Sciences, College of Medicine, SAUDI ARABIA
- 14.45 – 15.00 **Age related changes in suprascapular notch morphology – a Computed Tomography study**  
Podgórski Michał<sup>1</sup>, Polguy Michał<sup>2</sup>, Topol Mirosław<sup>3</sup>, Kusak Artur<sup>4</sup>, Lukaszewski Maciej<sup>4</sup>, Grzelak Piotr<sup>5</sup>  
<sup>1</sup>Medical University of Lodz, POLAND, <sup>2</sup>Medical University of Lodz, Department of Angiology, POLAND, <sup>3</sup>Medical University of Lodz, Department of Anatomy and Histology, POLAND, <sup>4</sup>Polish Mother's Memorial Hospital Research Institute, Department of Diagnostic Imaging, POLAND, <sup>5</sup>Medical University of Lodz, Department of Diagnostic Imaging, POLAND
- 15.00 – 15.15 **Anatomy of Master Knot of Henry: A Morphometric Study on Cadavers**  
Beger Orhan<sup>1</sup>, Elvan Özlem<sup>1</sup>, Ün Burcin<sup>1</sup>, Uzmansel Deniz<sup>1</sup>, Keskinbora Mert<sup>2</sup>  
<sup>1</sup>Mersin University, Anatomy, TURKEY, <sup>2</sup>Istanbul Medipol University, TURKEY

15.15 – 15.30 **The morphological study of the extraforaminal ligaments in cervical and thoracic levels**

Nonthasaen Pawaree<sup>1</sup>, Hisayo Nasu<sup>1</sup>, Kumiko Yamaguchi<sup>1</sup>, Akimoto Nimura<sup>1</sup>, Keiichi Akita<sup>1</sup>

<sup>1</sup>*Tokyo Medical and Dental University, Clinical Anatomy, JAPAN*

15:30 - *Conference group photo*

16:00 - *Social program / Walking Tour to Castle Hill*

**Friday, 2 September**

**ROOM 1.**

**08.30 – 10.00 Teaching Methods: 3D Applications, Computer Based Learning**  
**Chairs: Paulsen F. and Rogers K.**

08.30 – 08.45 **Supporting 3D developments for teaching anatomy and histology**  
Paulsen Friedrich<sup>1,2</sup>, Bertelshofer Franziska<sup>3</sup>, Brehm Oliver<sup>3</sup>, Gaffling Simone<sup>4</sup>, Janka Rolf<sup>5</sup>, Greiner Günther<sup>3</sup>, Jabari Samir<sup>6</sup>, Scholz Michael<sup>1</sup>, Bräuer Lars<sup>1</sup>  
<sup>1</sup>Friedrich Alexander University Erlangen-Nürnberg, Department of Anatomy II, GERMANY, <sup>2</sup>Friedrich Alexander University Erlangen-Nürnberg, Erlangen Graduate School in Advanced Optical Technologies (SAOT), GERMANY, <sup>3</sup>Friedrich Alexander University Erlangen-Nürnberg, Chair for Computer Graphics, GERMANY, <sup>4</sup>Friedrich Alexander University Erlangen-Nürnberg, Pattern Recognition Lab, GERMANY, <sup>5</sup>Friedrich Alexander University Erlangen-Nürnberg, Institute of Radiology, GERMANY, <sup>6</sup>Friedrich Alexander University Erlangen-Nürnberg, Institute of Anatomy I, GERMANY

08.45 – 09.00 **3D printing anatomical models**  
Bartikian Mickael<sup>1</sup>, Ferreira Angélica<sup>1</sup>, Neto Lia L.<sup>1,2</sup>, Gonçalves-Ferreira António<sup>1,3</sup>  
<sup>1</sup>Lisbon Medical School, Anatomy Department, PORTUGAL, <sup>2</sup>Santa Maria University Hospital, North Lisbon Medical Center, Neuroradiology Department, PORTUGAL, <sup>3</sup>Santa Maria University Hospital, North Lisbon Medical Center, Neurosurgery Department, PORTUGAL

09.00 – 09.15 **Comparison of Traditional versus Computer Based Anatomical Education: Influence of Spatial Ability on Learning Outcomes**  
Van Nuland Sonya E.<sup>1</sup>, Rogers Kem A.<sup>1</sup>  
<sup>1</sup>University of Western Ontario, Anatomy and Cell Biology, CANADA

09.15 – 09.30 **E-books of topographic anatomy**  
Hajek Petr<sup>1</sup>  
<sup>1</sup>Charles University, Faculty of Medicine in Hradec Kralove, Department of Anatomy, CZECH REPUBLIC



- 09.30 – 09.45 **Can we learn from students' mistakes? - a retrospective analysis of answers at PracticeAnatomy.com**  
Cierny Marek<sup>1</sup>, Papousek Jan<sup>2</sup>, Stanislav Vit<sup>2</sup>, Kasickova Linda<sup>2</sup>, Volny Ondrej<sup>3</sup>, Hudák Radovan<sup>4</sup>  
<sup>1</sup>University Hospital Brno, Department of Neurology, CZECH REPUBLIC, <sup>2</sup>Masaryk University, Faculty of Informatics, CZECH REPUBLIC, <sup>3</sup>Masaryk University and St. Anne's University Hospital, Department of Neurology, CZECH REPUBLIC, <sup>4</sup>2nd Faculty of Medicine, Charles University in Prague, Department of Anatomy, CZECH REPUBLIC
- 09.45 – 10.00 **"Memorix histology" - 9 ways of learning histology from a single book**  
Varga Ivan<sup>1</sup>, Balko Ján<sup>2</sup>, Tonar Zbynek<sup>3</sup>, Kachlik David<sup>4</sup>, Hudák Radovan<sup>4</sup>  
<sup>1</sup>Comenius University in Bratislava, Faculty of Medicine, Institute of Histology and Embryology, SLOVAKIA, <sup>2</sup>Department of Pathology and Molecular Medicine, Second Faculty of Medicine, Charles University in Prague, CZECH REPUBLIC, <sup>3</sup>Department of Histology and Embryology, Faculty of Medicine in Pilsen, Charles University in Prague, CZECH REPUBLIC, <sup>4</sup>Department of Anatomy, Second Faculty of Medicine, Charles University, Prague, CZECH REPUBLIC
- 10.00 – 10.20 *Coffee break*
- 10.20 – 10.50 **Plenary lecture 2.**  
**Understanding the neuroanatomy of the larynx to the present day moving towards laryngeal transplantation**  
Sanudo José<sup>1</sup>  
<sup>1</sup>Universidad Complutense de Madrid, Departamento de Anatomía y Embriología Humanas, Facultad de Medicina, Instituto Universitario de Evaluación sanitaria, SPAIN
- 10.50 – 12.05 **System Based Embryology**  
**Chairs: Biasutto S. and Reglódi D.**
- 10.50 – 11.05 **Development and clinical implications of the abdominal wall in fetuses**  
Biasutto Susana N.<sup>1</sup>  
<sup>1</sup>Faculty of Medical Sciences, National University of Cordoba, Normal Anatomy, ARGENTINA

- 11.05 – 11.20 **The anatomy of extracranial part of facial nerve in human fetuses**  
Elvan Özlem<sup>1</sup>, Bobus Alev<sup>1</sup>, Tezer Mesut Sabri<sup>1</sup>  
<sup>1</sup>*Mersin University, TURKEY*
- 11.20 – 11.35 **Anatomy of the heart, its chambers and septums at the person fetuses of 16-22 weeks of development**  
Liashchenko Diana<sup>1</sup>  
<sup>1</sup>*Orenburg State Medical University, Human Anatomy Department, RUSSIA*
- 11.35 – 11.50 **Pax2, BMP-2 and BMP-4 protein expressions during the formation of human spinal cord**  
Namm Aimar<sup>1,2</sup>, Arend Andres<sup>1</sup>, Aunapuu Marina<sup>1,2</sup>  
<sup>1</sup>*University of Tartu, Department of Anatomy, ESTONIA*, <sup>2</sup>*Estonian University of Life Sciences, Department of Veterinary Medicine, ESTONIA*
- 11.50 – 12.05 **Topography of conduction system with complex types of congenital heart defects**  
Spirina Galina<sup>1</sup>  
<sup>1</sup>*Ural State Medical University, Department of Human Anatomy, RUSSIA*
- 12.05 – 13.00 *Lunch*
- 13.00 – 14.00 **Poster session 2.**
- 14.00 – 15.30 **Surgical and Imaging Anatomy: Cardiovascular System**  
**Chair: Sanudo J. and Ghallab A.**
- 14.00 – 14.15 **Cadaveric and radiologic study of the anatomical variations of the prostatic arteries. A new classification and review of the literature**  
Moya-Martín Celia<sup>1</sup>, Valderrama-Canales Francisco J.<sup>1</sup>, Vázquez-Osorio Teresa<sup>1</sup>, Cuesta Julián<sup>2</sup>, Frieria Alfonsina<sup>2</sup>, Gil-Vernet Jose María<sup>3</sup>  
<sup>1</sup>*Complutense University of Madrid, Department of Human Anatomy & Embryology, SPAIN*, <sup>2</sup>*Hospital Universitario de la Princesa, Interventional Radiology Service, SPAIN*, <sup>3</sup>*Hospital Quirón Teknon, Urology Service, SPAIN*

- 14.15 – 14.30 **Left renal vein anomalies in routine abdominal CT scans**  
Batur Abdussamet<sup>1</sup>, Karakose Serdar<sup>2</sup>, Yavuz Alpaslan<sup>1</sup>, Bora Aydin<sup>1</sup>  
<sup>1</sup>*Yuzuncu Yil University, Radiology, TURKEY*, <sup>2</sup>*Necmettin Erbakan University, Interventional Radiology, TURKEY*
- 14.30 – 14.45 **The Variations of Celiac Artery and the Frequency of the Entity**  
Arslan Harun<sup>1</sup>, Batur Abdussamet<sup>1</sup>, Yavuz Alpaslan<sup>1</sup>, Alpalkan Muhammed<sup>1</sup>, Dundar Ilyas<sup>1</sup>, Ozgokce Mesut<sup>1</sup>  
<sup>1</sup>*Yuzuncu Yil University, Radiology, TURKEY*
- 14.45 – 15.00 **Minimally Invasive Coronary Artery Bypass Grafting: Analysis of Pre-Operative Anatomical Eligibility Parameters Using Computed Tomography**  
Dillon Kate<sup>1</sup>, Johnson Marjorie<sup>1</sup>, Chan Ian<sup>2</sup>, Kiaii Bob<sup>3</sup>  
<sup>1</sup>*Western University, Anatomy and Cell Biology, CANADA*, <sup>2</sup>*London Health Sciences Centre, Radiology, CANADA*, <sup>3</sup>*London Health Sciences Centre, Cardiac Surgery, CANADA*
- 15.00 – 15.15 **Does the morphology of the internal jugular vein affect the elasticity of the common carotid artery?**  
Podgórski Michał<sup>1</sup>, Winnicka Monika A.<sup>1</sup>, Polguy Michał<sup>1</sup>, Grzelak Piotr<sup>2</sup>, Lukaszewski Maciej<sup>3</sup>, Stefanczyk Ludomir<sup>2</sup>  
<sup>1</sup>*Medical University of Lodz, POLAND*, <sup>2</sup>*Medical University of Lodz, Department of Radiology and Diagnostic Imaging, POLAND*, <sup>3</sup>*Polish Mother's Memorial Hospital Research Institute, Department of Diagnostic Imaging, POLAND*
- 15.15 – 15.30 **Aplasia of the right vertebral artery: an incidental autopsy finding and its pointed significance in clinical practice**  
Trandafilović Milena M.<sup>1</sup>, Vasović Ljiljana P.<sup>1</sup>, Vlajković Slobodan R.<sup>1</sup>  
<sup>1</sup>*Faculty of Medicine, University of Nis, Department of Anatomy, SERBIA*
- 15.30 – 15.50 *Coffee break*

- 15.50 – 17.05 Neuroanatomy: Peripheral Nervous System**  
**Chairs: Cömert A. and Bobinac D.**
- 15.50 – 16.05 **Closing the gap-assessment of an ultrasound guided selective ventral block of the axillary and intercostobrachial nerves: An anatomical investigation**  
Feigl Georg C.<sup>1</sup>, Aichner Elisabeth<sup>1</sup>, Mattersberger Christian<sup>1</sup>, Avila Carla<sup>2</sup>, Litz Rainer<sup>2</sup>  
<sup>1</sup>*Institute of Macroscopical and Clinical Anatomy, AUSTRIA,* <sup>2</sup>*Department of Anaesthesiology, GERMANY*
- 16.05 – 16.20 **Algometry testing in women with lumbar radiculopathy**  
Vučinić Nikola<sup>1</sup>, Erić Mirela<sup>1</sup>, Tomašević-Todorović Snežana<sup>2</sup>, Savić Mirjana<sup>2</sup>, Marić Dušica<sup>1</sup>  
<sup>1</sup>*Department of Anatomy, Faculty of Medicine, University of Novi Sad, SERBIA,* <sup>2</sup>*Department of Physical Medicine and Rehabilitation, University of Novi Sad, Clinic for Medical Rehabilitation, Clinical Center of Vojvodina, Novi Sad, SERBIA*
- 16.20 – 16.35 **The supraorbital vascular-nerve bundle with regard to frontal migraine headache**  
Berchtold Valeria<sup>1</sup>, Brenner Erich<sup>1</sup>, Moriggl Bernhard<sup>1</sup>, Pauzenberger Reinhard<sup>2</sup>, Konschake Marko<sup>1</sup>  
<sup>1</sup>*Department of Anatomy and Histology, Clinical and Functional Anatomy, Medical University of Innsbruck, AUSTRIA,* <sup>2</sup>*Department of Surgery, Division of Plastic and Reconstructive Surgery, Vienna Medical University, AUSTRIA*
- 16.35 – 16.50 **Surgical neuroanatomy and three-dimensional evaluation of petrous portion of carotid canal, superior (anterior) semicircular canal, internal acoustic opening and canal structures: a radioana**  
Cömert Ayhan<sup>1</sup>, Dogan Ihsan<sup>2</sup>, Cemil Kilinc Mustafa<sup>2</sup>, Al-Beyati Eyüp<sup>2</sup>  
<sup>1</sup>*Ankara University, Department of Anatomy, School of Medicine, TURKEY,* <sup>2</sup>*Department of Neurological Surgery, Ankara University School of Medicine, TURKEY*

16.50 – 17.05 **Cochlea-carotid canal relationship and carotid-cochlear interval (CCI)**

Štoković Nikola<sup>1</sup>, Dumić-Čule Ivo<sup>1</sup>, Trkulja Vladimir<sup>2</sup>, Lauc Tomislav<sup>3</sup>, Čuković-Bagić Ivana<sup>4</sup>, Grgurević Lovorka<sup>1</sup>

<sup>1</sup>*Laboratory for Mineralized Tissues, Center for Translational and Clinical Research, School of Medicine, University of Zagreb, CROATIA,* <sup>2</sup>*Department of Pharmacology, School of Medicine, University of Zagreb, CROATIA,* <sup>3</sup>*Department of Anthropology, Faculty of Social Sciences and Humanities, University of Zagreb, CROATIA,* <sup>4</sup>*Department of Paediatric and Preventive Dentistry, School of Dental Medicine, University of Zagreb, CROATIA*

**18:30 - ISCAA Board Meeting**

**Friday, 2 September**

**ROOM 2.**

- 10.50 – 12.20     Surgical and Imaging Anatomy: Limbs and Girdle**  
**Chairs: Apaydin N. and Eric M.**
- 10.50 – 11.05     Cutaneous Perforators of the Arm and Anatomic Landmarks For Defining The Flap Donor Sites**  
Kaya Burak<sup>1</sup>, Feigl Georg<sup>2</sup>, Gultan Serdar M.<sup>1</sup>, Apaydin Nihal<sup>3</sup>  
*<sup>1</sup>Faculty of Medicine, Department of Plastic and Reconstructive Surgery, Ankara University, TURKEY, <sup>2</sup>Medical University of Graz, Institute of Anatomy, AUSTRIA, <sup>3</sup>Ankara University Faculty of Medicine, Department of Anatomy, TURKEY*
- 11.05 – 11.20     Meniscoids in the shoulder joint**  
Totlis Trifon<sup>1</sup>, Natsis Konstantinos<sup>1</sup>  
*<sup>1</sup>Laboratory of Anatomy, Faculty of Medicine, School of Health Sciences, Aristotle University of Thessaloniki, GREECE*
- 11.20 – 11.35     Flexor tendons of the hand - clinical anatomy**  
Eric Mirela<sup>1</sup>  
*<sup>1</sup>Faculty of Medicine, University of Novi Sad, Department of Anatomy, SERBIA*
- 11.35 – 11.50     The Potential Kinematic and Proprioceptive Role of the Ligamentum Mucosum**  
Norris Madeleine E.<sup>1</sup>, Johnson Marjorie<sup>1</sup>, Sandig Martin<sup>1</sup>, Burkhart Tim<sup>2</sup>, Getgood Alan<sup>3</sup>  
*<sup>1</sup>The University of Western Ontario, Department of Anatomy & Cell Biology, CANADA, <sup>2</sup>Lawson Health Research Institute, CANADA, <sup>3</sup>Fowler Kennedy Sport Medicine Clinic, CANADA*
- 11.50 – 12.05     Foot and ankle joints movement of dancers and non-dancers: a comparative study**  
Cho Ho-Jung<sup>1</sup>, Kim So-Yeon<sup>1</sup>, Kim In-Beom<sup>1</sup>, Jung Joon-Yong<sup>2</sup>, Kwak Dai-Soon<sup>1</sup>  
*<sup>1</sup>The Catholic University of Korea, Catholic Institute for Applied Anatomy, SOUTH KOREA, <sup>2</sup>The Catholic University of Korea, Department of Radiology, SOUTH KOREA*

- 12.05 – 12.20 **Cornuate type accessory navicular bone or prominent navicular tuberosity?**  
Kara Alev<sup>1</sup>  
*<sup>1</sup>Mersin University, Faculty of Medicine, Anatomy, TURKEY*
- 12.20 – 13.00 *Lunch*
- 13.00 – 14.00 **Poster session 2.**
- 14.00 – 15.30 **Pathomorphology**  
**Chairs: Kluchova D. and Johnson M.**
- 14.00 – 14.15 **Anterior hepatic grooves accompanied by Chilaiditi sign: a retrospective radiological analysis of a neglected anatomical fact**  
Yavuz Alpaslan<sup>1</sup>, Batur Abdussamet<sup>1</sup>, Bulut Mehmet D.<sup>1</sup>, Bora Aydin<sup>1</sup>, Göya Cemil<sup>2</sup>, Andic Cagatay<sup>3</sup>, Beyazal Mehmet<sup>4</sup>, Olmez Sehmuz<sup>5</sup>  
*<sup>1</sup>Yuzuncu Yil University, Radiology, TURKEY, <sup>2</sup>Dicle University Medical Faculty, Radiology, TURKEY, <sup>3</sup>Baskent University, Interventional Radiology, TURKEY, <sup>4</sup>Recep Tayyip Erdogan University, Radiology, TURKEY, <sup>5</sup>Yuzuncu Yil University Medical Faculty, Internal Medicine, Hepatology, TURKEY*
- 14.15 – 14.30 **Petrosal sinus anatomy in the diagnosis and treatment of Cushings's Disease**  
Lucas Neto Lia<sup>1,2</sup>, Gomes Ana<sup>3</sup>, Basílio Gonçalo<sup>2</sup>, Mascarenhas Mário<sup>3</sup>, Campos Jorge<sup>2</sup>  
*<sup>1</sup>Anatomy Department, Lisbon Medical School, PORTUGAL, <sup>2</sup>Neuroradiology Department, PORTUGAL, <sup>3</sup>Serviço de Endocrinologia, Diabetes e Metabolismo, Hospital de Santa Maria, CHLN – EPE, PORTUGAL*
- 14.30 – 14.45 **Decreased Vertebral Artery Hemodynamics in Patients with Loss of Cervical Lordosis**  
Bulut Mehmet D.<sup>1</sup>, Alpayci Mahmut<sup>2</sup>, Senkoy Emre<sup>2</sup>, Bora Aydin<sup>1</sup>, Yazmalar Levent<sup>3</sup>, Yavuz Alpaslan<sup>1</sup>, Gulsen Ismail<sup>4</sup>  
*<sup>1</sup>Yuzuncu Yil University, Radiology, TURKEY, <sup>2</sup>Yuzuncu Yil University Medical Faculty, Physical Medicine and Rehabilitation, TURKEY, <sup>3</sup>Dicle University Medical Faculty, Physical Medicine and Rehabilitation, TURKEY, <sup>4</sup>Yuzuncu Yil University Medical Faculty, Neurosurgery, TURKEY*

- 14.45 – 15.00 **Sternberg's canal incidence, morphology and correlation with sphenoid sinus type**  
Štoković Nikola<sup>1</sup>, Dumić-Čule Ivo<sup>1</sup>, Trkulja Vladimir<sup>2</sup>, Čuković-Bagić Ivana<sup>3</sup>, Lauc Tomislav<sup>4</sup>, Grgurević Lovorka<sup>1</sup>  
<sup>1</sup>Laboratory for Mineralized Tissues, Center for Translational and Clinical Research, School of Medicine, University of Zagreb, CROATIA, <sup>2</sup>Department of Pharmacology, School of Medicine, University of Zagreb, CROATIA, <sup>3</sup>Department of Paediatric and Preventive Dentistry, School of Dental Medicine, University of Zagreb, CROATIA, <sup>4</sup>Department of Anthropology, Faculty of Social Sciences and Humanities, University of Zagreb, CROATIA
- 15.00 – 15.15 **Dermatoglyphic features in schizophrenia and psoriasis in patients of Macedonian nationality**  
Chadikovska Elizabeta<sup>1</sup>, Lazarova Dobrila<sup>1</sup>, Nakeva-Janevska Natasa<sup>1</sup>, Zafirova Biljana<sup>1</sup>, Bojadzieva Stojanoska Biljana<sup>1</sup>, Trpkovska Biljana<sup>1</sup>  
<sup>1</sup>Medical Faculty, Institute of Anatomy, MACEDONIA
- 15.15 – 15.30 **Diseases of Luxembourg dynasty**  
Kachlik David<sup>1</sup>, Steyerova Dana<sup>2</sup>  
<sup>1</sup>Second Faculty of Medicine, Charles University, Department of Anatomy, CZECH REPUBLIC, <sup>2</sup>Regional Hospital Kladno, Otorhinolaryngology, CZECH REPUBLIC
- 15.30 – 15.50 *Coffee break*



## Saturday, 3 September

- 08.30 – 10.00    Neuroanatomy: Central Nervous System**  
**Chairs: Totlis T. and Goncalves-Ferreira A.**
- 08.30 – 08.45    **Anatomy of the limbic system: MRI and tractography, Klingler's Fiber dissection technique and plastination. Creating 3-D Models for Neuroanatomy Teaching**  
Lucas Neto Lia<sup>1,2</sup>, Cavaco João<sup>1</sup>, Neves Maria Eduarda<sup>1</sup>, Gaspar Tiago<sup>1</sup>, Campos Alexandre<sup>1,3</sup>, Oliveira Edson<sup>1,3</sup>, Henriques Pedro<sup>1</sup>, Gonçalves Ferreira Antonio<sup>1,3</sup>  
<sup>1</sup>Anatomy Department Lisbon Medical School, PORTUGAL, <sup>2</sup>Neuroradiology Department, PORTUGAL, <sup>3</sup>Neurosurgery Department, PORTUGAL
- 08.45 – 09.00    **White matter dissection: A renewed role in modern neuroscience**  
Latini Francesco<sup>1</sup>, Hjortberg Mats<sup>2</sup>, Aldskogius Hakan<sup>3</sup>, Ryttlefors Mats<sup>1</sup>  
<sup>1</sup>Uppsala University, Department of Neuroscience, Section of Neurosurgery, SWEDEN, <sup>2</sup>Uppsala University, Department of Medical Cell Biology, Education, SWEDEN, <sup>3</sup>Uppsala University, Department of Neuroscience, Regenerative Neurobiology, SWEDEN
- 09.00 – 09.15    **Evaluation of the Efficiency of the BrainSuite and FreeSurfer for the Brain Segmentation and Parcellation**  
Sahin Bunyamin<sup>1</sup>, Elfaki Amani<sup>1</sup>  
<sup>1</sup>Ondokuz Mayıs University, Faculty of Medicine, Department of Anatomy, TURKEY
- 09.15 – 09.30    **A New Approach for Evaluation of the Medial Surface Area of the Brain in Schizophrenia on Midsagittal Section**  
Sahin Bunyamin<sup>1</sup>, Ibrahim Alaa<sup>1</sup>, Osman Ali Tahir<sup>2</sup>, Mohamed Abdelrahman<sup>3</sup>, Ozdemi Fikri<sup>4</sup>, Golpınar Murat<sup>1</sup>, Elfaki Amani<sup>1</sup>  
<sup>1</sup>Ondokuz Mayıs University, Faculty of Medicine, Department of Anatomy, TURKEY, <sup>2</sup>National Ribat University, Faculty of Medicine, Department of Anatomy, SUDAN, <sup>3</sup>National Ribat Hospital, Department of Radiology, MRI Section, SUDAN, <sup>4</sup>Hitit University, Faculty of Medicine, Department of Anatomy, TURKEY

- 09.30 – 09.45 **Quantitative Evaluation of the Frontal Lobe Abnormalities in Chronic Schizophrenia: a comparative brain segmentation study**  
 Elfaki Amani<sup>1</sup>, Nahir Mert<sup>1</sup>, Acar Gudek Meltem<sup>1</sup>, Osman Ali Tahir<sup>2</sup>, Elsheikh Abdelgani<sup>3</sup>, Mohamed Osman Amira<sup>4</sup>, Sahin Bunyamin<sup>1</sup>  
<sup>1</sup>*Ondokuz Mayıs University, Department of Anatomy, TURKEY*, <sup>2</sup>*National Ribat University, Department of Anatomy, SUDAN*, <sup>3</sup>*National Ribat University, Department of Psychiatry, SUDAN*, <sup>4</sup>*International University of Africa, Department of Psychiatry, SUDAN*
- 09.45 – 10.00 **Neuroanatomical Changes of Patients with Schizophrenia in Association with the Clinical Symptoms: A Comparative Brain Segmentation Study**  
Elfaki Amani<sup>1</sup>, Sarac Hadzihalilovic Aida<sup>2</sup>, Osman Ali Tahir<sup>3</sup>, Elfaki Abdelrazag<sup>4</sup>, Elsheikh Abdelgani<sup>3</sup>, Mohamed Osman Amira<sup>5</sup>, Sahin Bunyamin<sup>1</sup>  
<sup>1</sup>*Ondokuz Mayıs University, Faculty of Medicine, Department of Anatomy, TURKEY*, <sup>2</sup>*University of Sarajevo, Faculty of Medicine, Department of Anatomy, BOSNIA AND HERZEGOVINA*, <sup>3</sup>*National Ribat University, Faculty of Medicine, Department of Anatomy, SUDAN*, <sup>4</sup>*Ahfad University for Women, Department of Psychiatry, SUDAN*, <sup>5</sup>*International University of Africa, Faculty of Medicine, Department of Anatomy, SUDAN*
- 10.00 – 10.20 *Coffee break*
- 10.20 – 10.50 **Plenary lecture 3.**  
**Singing and sex**  
Wild J. Martin<sup>1</sup>  
<sup>1</sup>*University of Auckland, Anatomy and Medical Imaging, NEW ZEALAND*
- 10.50 – 12.20 **Experimental Neurosciences**  
**Chairs: Wild M. and Csillag A.**
- 10.50 – 11.05 **Overlapping pallial amygdalar projections to the nucleus accumbens and adjacent extended amygdala in the domestic chicken**  
Csillag András<sup>1</sup>, Hanics János<sup>1,2</sup>, Alpár Alán<sup>1,2</sup>, Székely Andrea D.<sup>1</sup>, Teleki Gyöngyi<sup>1</sup>  
<sup>1</sup>*Department of Anatomy, Histology and Embryology, Semmelweis University, Faculty of Medicine, HUNGARY*, <sup>2</sup>*MTA-SE NAP B Research*

*Group of Experimental Neuroanatomy and Developmental Biology,  
Hungarian Academy of Sciences, HUNGARY*

**11.05 – 11.20 Serotonergic innervation and connectivity of the avian ventral tegmental area**

Székely Andrea D.<sup>1</sup>

*<sup>1</sup>Semmelweis University, Department of Anatomy, Histology and Embryology, Faculty of Medicine, HUNGARY*

**11.20 – 11.35 Aflibercept counteracts pathologic vaso-proliferation, modulates inflammation and triggers a tip cell-driven vascular regeneration after hypoxic retinal damage in mice**

Royo Arias Jesus Eduardo<sup>1</sup>, Montecino Hector<sup>1</sup>, Economopoulou Matina<sup>2</sup>, Morawietz Henning<sup>3</sup>, Funk Richard HW<sup>1</sup>, Jászai József<sup>1</sup>

*<sup>1</sup>Technische Universität Dresden, Medizinische Fakultät, Institut für Anatomie, GERMANY, <sup>2</sup>Technische Universität Dresden, Uniklinikum, Klinik und Poliklinik für Augenheilkunde, GERMANY, <sup>3</sup>Technische Universität Dresden, Uniklinikum, Medizinische Klinik III, Bereich Gefäßendothel und Mikrozirkulation, GERMANY*

**11.35 – 11.50 Visual rating of hippocampal atrophy on structural MRI for diagnosis of Alzheimer's disease**

Kieslich Karel<sup>1</sup>, Mrzilkova Jana<sup>1</sup>, Bartos Ales<sup>2</sup>, Janousek Milan<sup>2</sup>, Ibrahim Ibrahim<sup>3</sup>, Wurst Zdenek<sup>1</sup>, Kuchtova Barbora<sup>1</sup>, Musil Vladimir<sup>4</sup>, Patzelt Matej<sup>1</sup>, Riedlova Jitka<sup>1</sup>, Zach Petr<sup>1</sup>

*<sup>1</sup>Third Faculty of Medicine Charles University in Prague, Department of Anatomy, CZECH REPUBLIC, <sup>2</sup>National Institute of Mental Health, Department of Cognitive Disorders, CZECH REPUBLIC, <sup>3</sup>Institute for Clinical and Experimental Medicine, Radiodiagnostic and Interventional Radiology Department, CZECH REPUBLIC, <sup>4</sup>Third Faculty of Medicine, Charles University, Centre of Scientific Information, CZECH REPUBLIC*

**11.50 – 12.05 The Anterior Nucleus of Thalamus, the Limbic System and DBS for Epilepsy**

Gonçalves-Ferreira Antonio J. C.<sup>1</sup>, Rainha Campos Alexandre<sup>1</sup>, Lucas Neto Lia<sup>1</sup>, Franco Ana<sup>2</sup>, Ferreira Sara<sup>3</sup>, Andrade Alexandre<sup>3</sup>

*<sup>1</sup>Faculty of Medicine, University of Lisbon, Institute of Anatomy, PORTUGAL, <sup>2</sup>Faculty of Medicine, Lisbon University, Department Neurology, PORTUGAL, <sup>3</sup>Lisbon University, Instituto Biofísica e Engenharia Biomédica, PORTUGAL*

- 12.05 – 12.20 **Are the headaches manifestation of the severity of brain changes in PTSD suffering patients?**  
Filipovic Branislav<sup>1</sup>, Filipovic Branka<sup>2</sup>, Starcevic Ana<sup>1</sup>, Aksic Milan<sup>1</sup>, Aleksic Dubravka<sup>1</sup>, Stijak Lazar<sup>1</sup>, Radonjic Vidosava<sup>1</sup>  
<sup>1</sup>Faculty of Medicine, University of Belgrade, Serbia, Institute of Anatomy "Niko Miljanic", SERBIA, <sup>2</sup>Clinical and Hospital Center "Bezanijska Kosa", Department of Gastroenterohepatology, SERBIA
- 12.20 – 13.00 *Lunch*
- 13.00 – 14.30 **Maxillofacial Anatomy**  
**Chairs: Gerber G. and Urbán I.**
- 13.00 – 13.15 **The role of innervation in the physiology of induced pulpitis of rat molars**  
Dániel Csizmazia<sup>1</sup>, Cynthia Bóta<sup>1</sup>, Viktória Marton<sup>1</sup>, Gábor Gerber<sup>1</sup>  
<sup>1</sup>Department of Anatomy, Histology and Embryology, Semmelweis University, HUNGARY
- 13.15 – 13.30 **Description and Neurochemical Characterization of the Autonomic Pathways Innervating the Lower Gingiva and Lip**  
Szabó Enikő<sup>1</sup>, Köves Katalin<sup>2</sup>, Boldogkői Zsolt<sup>3</sup>, Csáki Ágnes<sup>2</sup>, Lohinai Zsolt<sup>4</sup>, Tóth Zsuzsanna<sup>4</sup>, Ciofi Philippe<sup>5</sup>  
<sup>1</sup>Semmelweis University, Department of Conservative Dentistry, HUNGARY, <sup>2</sup>Faculty of Medicine, Semmelweis University, Department of Anatomy, Histology and Embryology, HUNGARY, <sup>3</sup>Faculty of Medicine, University of Szeged, Department of Medical Biology, HUNGARY, <sup>4</sup>Faculty of Dentistry, Semmelweis University, Department of Conservative Dentistry, HUNGARY, <sup>5</sup>Neurocentre Magendie, INSERM U862, FRANCE
- 13.30 – 13.45 **Posterior Mandibular Ridge Augmentation: Surgical Anatomy and management of the lingual flap**  
Urbán István<sup>1</sup>  
<sup>1</sup>Urban Dental Center, HUNGARY

- 13.45 – 14.00 **Visualization of vascular supply of the palatal mucosa is a useful tool in flap design**  
Shahbazi Arvin<sup>1</sup>, András Grimm<sup>1</sup>, Gábor Baksa<sup>1</sup>, Gábor Gerber<sup>1</sup>, Bálint Molnár<sup>1</sup>, Andrea D. Székely<sup>1</sup>, Péter Windisch<sup>1</sup>  
<sup>1</sup>*Semmelweis University, Department of Anatomy, Histology and Embryology, Faculty of Medicine, HUNGARY*
- 14:00 – 14:15 **Announcement of best poster award winners**  
**Closing Ceremony**
- 14:30 – 16:00 *Visit to the Department of Anatomy, Histology, and Embryology*
- 19.00 – 22:00 Gala Dinner**  
**Departure at 18:30** by bus from Mercure Budapest Buda Hotel

## POSTERS

### POSTER SESSION 1. – Thursday, 1 September 13:00 – 14:00

#### P1 – P4

#### Cardiovascular system

P1-01

##### **Variations of neurovascular structures of the upper limb**

Arbanas Juraj<sup>1</sup>, Đudarić Luka<sup>1</sup>, Bajek Snježana<sup>1</sup>, Nikolić Marina<sup>1</sup>, Bobinac Dragica<sup>1</sup>

<sup>1</sup>*Department of Anatomy, Faculty of Medicine, University of Rijeka, CROATIA*

P1-02

##### **The superior mesenteric artery- its surgical importance in oncologic digestive surgery**

Bacalbasa Nicolae<sup>1</sup>, Stoica Claudia<sup>2</sup>, Lintoiu-Ursut Beatrice<sup>3</sup>, Giugarasteanu Ileana<sup>2</sup>

<sup>1</sup>*University of Medicine and Pharmacy "Carol Davila" Bucharest, Clinical Hospital Cantacuzino - Department of Obstetrics and Gynecology, ROMANIA, <sup>2</sup>University of Medicine and Pharmacy "Carol Davila", Department of Anatomy - Clinical Anatomy and Surgical Techniques, ROMANIA, <sup>3</sup>Agripa Ionescu Clinical Hospital, General Surgery Department, ROMANIA*

P1-03

##### **Morphological characteristics of the pericallosal artery**

Papazova Marija<sup>1</sup>, Zhivadinovik Julija<sup>1</sup>, Matveeva Niki<sup>1</sup>, Dodevski Ace<sup>1</sup>, Zafirova Biljana<sup>1</sup>

<sup>1</sup>*Medical Faculty, Institute of Anatomy, MACEDONIA*

P1-04

##### **Anatomy of Coronary Sinus Ostium**

Zhivadinovik Julija<sup>1</sup>, Papazova Marija<sup>1</sup>, Matveeva Niki<sup>1</sup>, Dodevski Ace<sup>1</sup>

<sup>1</sup>*Medical Faculty, Institute of Anatomy, MACEDONIA*

P1-05

##### **Persistent primitive trigeminal artery detected by computed tomography angiography**

Dodevski Ace<sup>1</sup>, Lazarova Dobrila<sup>1</sup>, Papazova Marija<sup>1</sup>, Zhivadinovik Julija<sup>1</sup>, Matveeva Niki<sup>1</sup>, Lazareska Menka<sup>2</sup>, Aliji Vjolca<sup>2</sup>

<sup>1</sup>*Medical Faculty, Institute of Anatomy, MACEDONIA, <sup>2</sup>University Clinic of Radiology, Neuroradiology, MACEDONIA*

P1-06

**Porcine liver vascular corrosion casts – our up to now experience**

Eberlova Lada<sup>1,2</sup>, Liska Vaclav<sup>1,3</sup>, Mirka Hynek<sup>4,1</sup>, Svoboda Milos<sup>5</sup>, Palek Richard<sup>1,3</sup>, Skala Martin<sup>1,3</sup>, Eminger Michal<sup>1,3</sup>, Kralickova Milena<sup>6,1</sup>, Lametschwandtner Alois<sup>7</sup>

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P1-07

**Anatomical variations of the cystic and hepatic arteries and their surgical implications**

Giuvarasteanu Ileana<sup>1</sup>, Stoica Claudia<sup>1</sup>, Bacalbasa Nicolae<sup>2</sup>

<sup>1</sup>"Carol Davila" University of Medicine and Pharmacy, Faculty of Medicine, Department of Anatomy, ROMANIA, <sup>2</sup>"Carol Davila" University of Medicine and Pharmacy", Faculty of Medicine, Department of Obstetrics and Gynecology, Cantacuzino Clinical Hospital, ROMANIA

P1-08

**Anatomical pattern of the origins of the ventral branches of the abdominal aorta**

Mohammed Hosam Eldeen E. G.<sup>1</sup>, Abdel Galil Mohamed A. H.<sup>1</sup>

<sup>1</sup> Ondokuz Mayıs University, Histology and Embryology, TURKEY

P1-09

**Morphological visualization of the cardiovascular system by micro-CT**

Mrzilkova Jana<sup>1</sup>, Patzelt Matej<sup>1</sup>, Zach Petr<sup>1</sup>, Riedlova Jitka<sup>1</sup>, Wurst Zdenek<sup>1</sup>, Dudak Jan<sup>2,3</sup>, Zemlicka Jan<sup>2</sup>, Krejci Frantisek<sup>2</sup>, Musil Vladimir<sup>4</sup>

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P1-10

**Analysis bloodstream white rat testis of the experimental diabetes**

Savka Iryna<sup>1</sup>

<sup>1</sup>Danylo Halytskyj National Medical University, UKRAINE

P1-11

**Case report of bilateral supernumerary renal arteries**

Hollósy Tibor<sup>1</sup>, Horváth Judit<sup>1</sup>, Reglódi Dóra<sup>1</sup>, Tóth Pál<sup>1</sup>

<sup>1</sup>*Anatomy Department, Medical Faculty, University of Pécs, HUNGARY*

**Neuroanatomy**

P2-01

**Parietal Lobe Abnormalities in Chronic Schizophrenia: a comparative brain segmentation study**

Elfaki Amani<sup>1</sup>, Acar Gudek Meltem<sup>1</sup>, Nahir Mert<sup>1</sup>, Ali Osman Tahir<sup>2</sup>, Elsheikh Abdelgani<sup>2</sup>, Mohamed Osman Amira<sup>3</sup>, Sahin Bunyamin<sup>1</sup>

<sup>1</sup>*Ondokuz Mayıs University, Faculty of Medicine, Department of Anatomy, TURKEY*, <sup>2</sup>*National Ribat University, Faculty of Medicine, Departments of Anatomy, SUDAN*, <sup>3</sup>*International University of Africa, Faculty of Medicine, Department of Psychiatry, SUDAN*

P2-02

**The fiber dissection technique; systematic anatomic lateral approach**

Celik Servet<sup>1</sup>, Bilge Okan<sup>1</sup>, Ozturk Lokman<sup>1</sup>, Yurttas Canan<sup>1</sup>

<sup>1</sup>*Ege University Faculty of Medicine Department of Anatomy, Anatomy, TURKEY*

P2-03

**Surgical neuroanatomy of the morphometry and morphology of the sulci located at lateral aspect of the brain hemispheres: a preliminary cadaveric study**

Cömert Ayhan<sup>1</sup>, Dogan I.<sup>2</sup>, Aktan ES<sup>3</sup>, Kahilogullari G.<sup>2</sup>

<sup>1</sup>*Ankara University, Department of Anatomy, School of Medicine, TURKEY*, <sup>2</sup>*Ankara University, Faculty of Medicine Neurosurgery Department, TURKEY*, <sup>3</sup>*Ankara University, Faculty of Medicine, TURKEY*

P2-04

**Parkinson's disease modeling by induced pluripotent stem cells**

Mária Csobonyeiova<sup>1</sup>

<sup>1</sup>*Comenius University in Bratislava, Faculty of Medicine, Institution of Histology and Embryology, SLOVAKIA*

P2-05

**Evaluation of the Midsagittal Sectional Surface Area of the Cerebellum in Chronic Schizophrenia**

Sahin Bunyamin<sup>1</sup>, Golpınar Murat<sup>1</sup>, Ibrahim Alaa<sup>1</sup>, Ali Tahir Osman<sup>2</sup>, Pirzirenli Mennan Ece<sup>1</sup>, Abdelrahman Mohamed<sup>3</sup>, Elfaki Amani<sup>1</sup>



<sup>1</sup>Ondokuz Mayıs University, Faculty of Medicine, Department of Anatomy, TURKEY, <sup>2</sup>Ahfad University for Women, Department of Psychiatry, SUDAN, <sup>3</sup>National Ribat Hospital, Department of Radiology, SUDAN

P2-06

**Intraspinal Intradural anomalies (clinico-anatomical research on spinal nerve roots)**

Haviarova Zora<sup>1</sup>, Matejčík Viktor<sup>1</sup>

<sup>1</sup>Comenius University, Faculty of Medicine, SLOVAKIA

P2-07

**The effects of early environmental enrichment and PACAP on monoamine levels in an aging rat model of Parkinson's disease**

Jüngling Adél<sup>1</sup>, Reglődi Dóra<sup>1</sup>, Maasz Gabor<sup>2</sup>, Zrinyi Zita<sup>2</sup>, Csaszar András<sup>1</sup>, Rivnyak Adam<sup>1</sup>, Petrovics Dora<sup>3</sup>, Fülöp Dániel B.<sup>1</sup>, Gaszner Balazs<sup>1</sup>, Kiss Istvan<sup>2</sup>, Pirger Zsolt<sup>2</sup>, Tamás Andrea<sup>1</sup>

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P2-08

**Immunohistochemical Behavior of Estrogen Receptors in Hippocampus of Rats administrated by Cilostazol**

Kirikci Gamze<sup>1</sup>, Keskinöz Elif Nedret<sup>1</sup>, Alparslan R. İrem<sup>2</sup>, Aktekin Mustafa<sup>3</sup>

<sup>1</sup>Acibadem University, Department of Anatomy, TURKEY, <sup>2</sup>Acibadem University, Vocational School of Health Services, TURKEY, <sup>3</sup>Acibadem University, Department of Anatomy, TURKEY

P2-09

**Neuronal degeneration in the hippocampus of the mouse with spontaneous recurrent seizures following pilocarpine treatment**

Mátyás Adrienne<sup>1</sup>, Török Ibolya<sup>1</sup>, Dobó Endre<sup>1</sup>, Morvai Marietta<sup>1</sup>, Mihály András<sup>1</sup>

<sup>1</sup>Department of Anatomy, Histology and Embryology, Faculty of Medicine, University of Szeged, HUNGARY

P2-10

**Can be used alfa-synuclein in colonic lamina propria mucosae as a biomarker of Parkinsons' disease?**

Mechirova Eva<sup>1</sup>, Gdovinova Zuzana<sup>2</sup>, Škorvanek Matej<sup>2</sup>

<sup>1</sup>Medical Faculty of P. J. Šafárik University, Department of Histology and Embryology, SLOVAKIA, <sup>2</sup>Medical Faculty of P.J. Šafarik University and L. Pasteur University Hospital, Department of Neurology, SLOVAKIA

P2-11

**Tractography of fornix, paraterminal gyrus and subcallosal gyrus in patients with Alzheimer's disease**

Mrzilkova Jana<sup>1</sup>, Kuchtova Barbora<sup>1</sup>, Wurst Zdenek<sup>1</sup>, Bartos Ales<sup>2</sup>, Ibrahim Ibrahim<sup>3</sup>, Kieslich Karel<sup>1</sup>, Riedlova Jitka<sup>1</sup>, Janousek Milan<sup>2</sup>, Musil Vladimir<sup>4</sup>, Patzelt Matej<sup>1</sup>, Zach Petr<sup>1</sup>

<sup>1</sup>Third Faculty of Medicine Charles University in Prague, Department of Anatomy, CZECH REPUBLIC, <sup>2</sup>National Institute of Mental Health, Department of Cognitive Disorders, CZECH REPUBLIC, <sup>3</sup>Institute for Clinical and Experimental Medicine, Radiodiagnostic and Interventional Radiology Department, CZECH REPUBLIC, <sup>4</sup>Third Faculty of Medicine, Charles University, Centre of Scientific Information, CZECH REPUBLIC

P2-12

**Anatomical relationships between abducens nerve and internal carotid plexus**

Wysiadecki Grzegorz<sup>1</sup>, Brzeziński Piotr<sup>2</sup>, Polguj Michał<sup>3</sup>, Olewnik Łukasz<sup>1</sup>, Topol Mirosław<sup>1</sup>

<sup>1</sup>Medical University of Lodz, Department of Normal and Clinical Anatomy, POLAND, <sup>2</sup>Medical University of Lodz, Department of Cytophysiology, Histology and Embryology, POLAND, <sup>3</sup>Medical University of Lodz, Department of Angiology, POLAND

P2-13

**Urinary disorders in Multiple Sclerosis: a review of literature**

Crivelli Paola<sup>1</sup>, Montella Rino Aldo<sup>1</sup>, Bandiera Pasquale<sup>2</sup>, Sotgiu Maria Alessandra<sup>2</sup>

<sup>1</sup>University of Sassari, Department of Surgical, Microsurgical and Medical Sciences, Institute of Radiology, ITALY, <sup>2</sup>University of Sassari, Department of Biomedical Sciences- Anatomy, ITALY

P2-14

**Examination of bioactive factors in different fractions of human milk samples**

Tamás Andrea<sup>1</sup>, Vass Réka Anna<sup>1</sup>, Polgár Beáta<sup>2</sup>, Kemeny Ágnes<sup>3</sup>, Gyarmati Judit<sup>4</sup>, Ertl Tibor<sup>4</sup>, Tamas Péter<sup>4</sup>, Helyes Zsuzsanna<sup>3</sup>, Tarcai Ibolya<sup>5</sup>, Reglődi Dóra<sup>1</sup>

<sup>1</sup>University of Pécs, Department of Anatomy, HUNGARY, <sup>2</sup>University of Pécs, Medical Microbiology and Immunology, HUNGARY, <sup>3</sup>University of Pécs, Pharmacology and Pharmacotherapy, Janos Szentágothai Research Center, HUNGARY, <sup>4</sup>University of Pécs, Obstetrics and Gynaecology, HUNGARY, <sup>5</sup>Unified Health Institutions, HUNGARY

P2-15

**Parkinson's disease modeling by induced pluripotent stem cells**

Vrabcová Michaela<sup>1</sup>

<sup>1</sup>Comenius University in Bratislava, Faculty of Medicine, Institute of Histology and Embryology, SLOVAKIA

## **Surgical anatomy, internal organs**

P3-01

### **The importance of anatomical landmarks during pelvic lymph dissection for cervix cancer**

Bacalbasa Nicolae<sup>1</sup>, Stoica Claudia<sup>1</sup>, Giuvarasteanu Ileana<sup>1</sup>, Sgarbura Radu<sup>2</sup>

<sup>1</sup>University of Medicine and Pharmacy "Carol Davila" Bucharest, Clinical Hospital Cantacuzino, Department of Obstetrics and Gynecology, ROMANIA, <sup>2</sup>County Emergency Hospital Ilfov, General Surgery Department, ROMANIA

P3-02

### **Rhinosinusal polyposis and metals: morphological aspects**

Asara Yolande<sup>1</sup>, Madeddu Roberto<sup>1</sup>, Melis Andrea<sup>2</sup>, DeLuca Laura<sup>2</sup>, Castiglia Paolo<sup>1</sup>, Marchal Juan Antonio<sup>3</sup>, Sotgiu Maria Alessandra<sup>1</sup>, Bandiera Pasquale<sup>1</sup>

<sup>1</sup>University of Sassari, Department of Biomedical Sciences, ITALY, <sup>2</sup>University of Sassari, ENT Clinic, Department of Surgery, Microsurgery and Medical Sciences, ITALY, <sup>3</sup>University of Granada, Department of Human Anatomy and Embryology, Faculty of Medicine, SPAIN

P3-03

### **Surfactant proteins of the human larynx**

Bräuer Lars<sup>1</sup>, Sheats Michelle<sup>1</sup>, Schröder Henrik<sup>1</sup>, Bohr Christopher<sup>2</sup>, Kißlinger Franziska<sup>2</sup>, Iro Heinrich<sup>2</sup>, Garreis Fabian<sup>1</sup>, Schicht Martin<sup>1</sup>, Paulsen Friedrich<sup>1</sup>

<sup>1</sup>Friedrich-Alexander-University Erlangen-Nürnberg, Institute of Anatomy, GERMANY, <sup>2</sup>Friedrich-Alexander-University Erlangen-Nürnberg, Department of Otorhinolaryngology, GERMANY

P3-04

### **Level indicators of lipid peroxidation in rats after administration of nalbuphine**

Dzhalilova Elvira<sup>1</sup>, Logash M.<sup>1</sup>, Kefeli-Yanovska O.<sup>2</sup>, Kryvko Y.<sup>1</sup>

<sup>1</sup>Danylo Galytsky Lviv National Medical University, Department of Normal Anatomy, UKRAINE, <sup>2</sup>Bogomolets National Medical University, Normal Anatomy, UKRAINE

P3-05

### **Analysis of the frequency of different variants of gall bladder structure in individuals of both sexes**

Zubko Ludmyla<sup>1</sup>, Sernyak Viktoriya<sup>1</sup>, Adamovych Oleksandr<sup>1</sup>, Masna Zoryana<sup>1</sup>, Zubenko Marta<sup>1</sup>, Chervinska Maryana<sup>1</sup>, Sohujko Rostyslav<sup>1</sup>, Pavliv Khrystyna<sup>1</sup>

<sup>1</sup>Danylo Halytsky Lviv National Medical University, Operative Surgery and Topographic Anatomy Department, UKRAINE

P3-06

**Effect of treatment with olive leaf polyphenols on catalase, superoxide dismutase, and glutathione peroxidase activities in skeletal muscles of diabetic rats**

Nikolic Marina<sup>1</sup>, Bajek Snježana<sup>1</sup>, Šoić-Vranić Tamara<sup>1</sup>, Arbanas Juraj<sup>1</sup>, Giacometti Jasminka<sup>2</sup>

<sup>1</sup>Faculty of Medicine, University of Rijeka, Department of Anatomy, CROATIA, <sup>2</sup>University of Rijeka, Department of Biotechnology, CROATIA

P3-07

**Cocoa polyphenols increase catalase, superoxide dismutase and glutathione peroxidase activities of skeletal muscles in diabetic rat**

Nikolic Marina<sup>1</sup>, Bajek Snježana<sup>1</sup>, Šoić-Vranić Tamara<sup>1</sup>, Đudarić Luka<sup>1</sup>, Giacometti Jasminka<sup>2</sup>

<sup>1</sup>Faculty of Medicine, University of Rijeka, Department of Anatomy, CROATIA, <sup>2</sup>Department of Biotechnology, University of Rijeka, CROATIA

P3-08

**The surgical importance of Meckel's Diverticulum**

Stoica Claudia<sup>1</sup>, Bacalbasa Nicolae<sup>2</sup>, Costin Radu<sup>3</sup>, Giuvarasteanu Ileana<sup>1</sup>

<sup>1</sup>University of Medicine and Pharmacy "Carol Davila", Anatomy, Clinical Anatomy and Surgical Techniques Department, ROMANIA, <sup>2</sup>University of Medicine and Pharmacy "Carol Davila", Obstetrics and Gynecology, Clinical Hospital Cantacuzino, ROMANIA, <sup>3</sup>County Hospital Ilfov, General Surgery Department, ROMANIA,

P3-09

**Expression of the O-Linked N-Acetylglucosamine Containing Epitope H (O-GlcNAcH) in Human Uterine cervical Mucosa**

Arapis Fotis<sup>1,2</sup>, Arvanitis Leonidas<sup>3</sup>, Zibis Aris H.<sup>2</sup>, Havaki Sophia<sup>4</sup>, Sotiriou Sotirios<sup>5</sup>, Arvanitis Dimitrios<sup>2</sup>

<sup>1</sup>General Hospital of Sparta, Department of Obstetrics and Gynecology, GREECE, <sup>2</sup>Medical School University of Thessaly Larissa Greece, Department of Anatomy, GREECE, <sup>3</sup>Rush University Medical Center, Department of Pathology, UNITED STATES, <sup>4</sup>Medical School, University of Athens, Department of Histology-Embryology, GREECE, <sup>5</sup>Medical School of Larissa, University of Thessaly, Embryology, GREECE

P3-10

**An anatomical study concerning superior region of the superior constrictor of the pharynx**

Fukino Keiko<sup>1</sup>, Sakaguchi-Kuma Tomomi<sup>1</sup>, Shimazaki Kazuo<sup>1</sup>, Ono Takashi<sup>1</sup>, Akita Keiichi<sup>2</sup>

<sup>1</sup>Tokyo Medical and Dental University (TMDU), Department of Orthodontic Science,

*JAPAN,<sup>2</sup>Tokyo Medical and Dental University (TMDU), Department of Clinical Anatomy, JAPAN*

## **Teaching**

P4-01

### **Design of extracurricular dissection course for students of Graduate Entry Medicine (GEM) programme**

Bezdicikova Marcela<sup>1</sup>, Webster Samuel<sup>1</sup>

<sup>1</sup>*Swansea University Medical School, UNITED KINGDOM*

P4-02

### **Enhancing writing skills by using peer-marking in anatomy journal club abstract writing exercises**

Kotzé Sanet H.<sup>1</sup>, Geldenhuys Elsje-Márie<sup>1</sup>

<sup>1</sup>*Stellenbosch University, Anatomy and Histology, Biomedical Sciences, SOUTH AFRICA*

P4-03

### **History of the term vasa vasorum**

Musil Vladimír<sup>1</sup>, Patzelt Matej<sup>2</sup>, Sach Josef<sup>3</sup>, Wurst Zdenek<sup>2</sup>, Mrzilkova Jana<sup>2</sup>, Riedlova Jitka<sup>2</sup>, Liskovec Tomas<sup>1</sup>, Kachlik David<sup>4</sup>, Stingl Josef<sup>2</sup>

<sup>1</sup>*Charles University in Prague, Third Faculty of Medicine, Centre of Scientific Information, CZECH REPUBLIC, <sup>2</sup>Third Faculty of Medicine, Charles University in Prague, Department of Anatomy, CZECH REPUBLIC, <sup>3</sup>Third Faculty of Medicine, Charles University in Prague, Department of Pathology, CZECH REPUBLIC, <sup>4</sup>Second Faculty of Medicine, Charles University in Prague, Department of Anatomy, CZECH REPUBLIC*

P4-04

### **The importance of Anatomy in the prehospital trauma patient care**

Farkas József<sup>1</sup>, Vajda Márk<sup>2</sup>, Reglődi Dóra<sup>1</sup>, Rendeki Mátyás<sup>2</sup>, Rendeki Szilárd<sup>2</sup>

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P4-05

### **Thin and Lightweight Slice Silicone Plastination of Foot**

Çelik Servet<sup>1</sup>, Bilge Okan<sup>1</sup>, Yörük Mustafa Deniz<sup>1</sup>, Bayzit Koçer İlke<sup>1</sup>

<sup>1</sup>*Ege University, School of Medicine, Department of Anatomy, TURKEY*

## POSTER SESSION 2. – Friday, 2 September 13:00 – 14:00

### P5 – P8

#### Embryology

P5-01

##### **Skeletal development of forelimb of Iguana iguana**

Pereira Kleber Fernando<sup>1</sup>, Santos Odeony Paulo dos<sup>1</sup>, Sabec-Pereira Dayane Kelly<sup>1</sup>, Santos André Luiz Quagliatto<sup>2</sup>, Sebben Antônio<sup>3</sup>, Lima Fabiano Campos<sup>1</sup>

<sup>1</sup>Federal University of Goiás - Regional Jataí, BRAZIL, <sup>2</sup>Federal University of Uberlândia, Institute of Veterinary Medicine, BRAZIL, <sup>3</sup>University of Brasília, Institute of Biosciences, BRAZIL

P5-02

##### **Anthropological study of breast-fed infants in the Czech Republic**

Riedlová Jitka<sup>1</sup>, Paulova Marketa<sup>2</sup>, Vignerova Jana<sup>3</sup>

<sup>1</sup>Third Faculty of Medicine, Charles University, Department of Anatomy, CZECH REPUBLIC, <sup>2</sup>National Institute of Public Health, CZECH REPUBLIC, <sup>3</sup>National Lactation Center, CZECH REPUBLIC

P5-03

##### **Quality improvement of human spermatozoa DNA fragmentation due to density gradient centrifugation following freeze-thaw cycles**

Nagy Melinda<sup>1</sup>, Hajnal Ágnes<sup>2</sup>, Székely Andrea D.<sup>3</sup>, Mikus Endre G.<sup>2</sup>

<sup>1</sup>Humancell MCC Kft., HUNGARY, <sup>2</sup>LabMagister Training and Science Ltd., HUNGARY, <sup>3</sup>Semmelweis University, Department of Anatomy, Histology and Embryology, Faculty of Medicine, HUNGARY

#### Maxillofacial and dentistry

P6-01

##### **Mandibular first molar internal anatomy**

Ferková Jana<sup>1</sup>, Lovásová Květuše<sup>1</sup>, Kluchová Darina<sup>1</sup>, Rozprávková Mirela<sup>2</sup>, Matuševská Mária<sup>1</sup>

<sup>1</sup>University of Pavol Jozef Šafárik, Department of Anatomy, SLOVAKIA, <sup>2</sup>Clinic of Dentistry, Palacky University, Department of Orthodontics, CZECH REPUBLIC

P6-02

##### **Anatomical evaluation of the middle part of external cranial base from lateral approach**

Lovásová Květuše<sup>1</sup>, Kluchová Darina<sup>1</sup>, Majerník Jaroslav<sup>2</sup>

<sup>1</sup>*Pavol Jozef Šafárik University in Košice, Faculty of Medicine, Department of Anatomy, SLOVAKIA*, <sup>2</sup>*Pavol Jozef Šafárik University in Košice, Faculty of Medicine, Department of Medical Informatics, SLOVAKIA*

P6-03

**Anatomy and pathological anatomy of periodontium depending on the state of oral health of patient**

Matusevska Maria<sup>1</sup>, Kovalova Eva<sup>1</sup>, Lovásová Květuše<sup>2</sup>, Ferková Jana<sup>3</sup>, Rozprávková Mirela<sup>4</sup>, Kluchová Darina<sup>2</sup>

<sup>1</sup>*Dental Clinic HYG - DENT, Prešov, SLOVAKIA*, <sup>2</sup>*Department of Anatomy, Faculty of Medicine, University of Pavol Jozef Šafárik, SLOVAKIA*, <sup>3</sup>*Dental Clinic DENT - PREV, SLOVAKIA*, <sup>4</sup>*Department of Orthodontics, Clinic of Dentistry, Palacky University, CZECH REPUBLIC*

P6-04

**Topographical anatomy of maxillary and mandibular alveolar process for insertion of temporary anchorage devices during orthodontic treatment**

Rozprávková Mirela<sup>1</sup>, Lovásová Květuše<sup>2</sup>, Kluchová Darina<sup>2</sup>, Matuševská Mária<sup>3</sup>, Pribulová Jana<sup>3</sup>

<sup>1</sup>*University Faculty of Medicine Košice, Dentistry, SLOVAKIA*, <sup>2</sup>*Department of Anatomy, Pavol Jozef Šafárik University, SLOVAKIA*, <sup>3</sup>*Private dentálne office, Dentistry, SLOVAKIA*

P6-05

**Posterior Atrophic Mandibular Bone Applied Anatomy**

Shahoon Hossein<sup>1</sup>

<sup>1</sup>*Shahed University, Oral and Maxillofacial Department, IRAN*

P6-06

**DNA separation from dental tissues**

Trifunovic Jovanka<sup>1</sup>, Ristanovic Momcilo<sup>1</sup>, Biocanin Vladimir<sup>2</sup>

<sup>1</sup>*Medical Faculty, Belgrade, SERBIA*, <sup>2</sup>*Faculty of Pharmacy and Health, Travnik, BiH, SERBIA*

P6-07

**Analysis of tongue movements**

Yilmaz Ali<sup>1</sup>

<sup>1</sup>*Trakya University, Anatomy, TURKEY*

P6-08

**Friedman tongue position and mandibular anthropometry**

Karahan Menekse<sup>1</sup>, Yilmazer Kayatekin A. Zeynep<sup>1</sup>, Yilmaz M. Elif<sup>2</sup>, Yilmaz Ali<sup>1</sup>

<sup>1</sup>Trakya University, Anatomy, TURKEY, <sup>2</sup>Sultan I. Murat Edirne State Hospital, Department of Anaesthesiology and Reanimation, TURKEY

P6-09

**Friedman tongue position and neck anthropometry**

Yilmazer Kayatekin A.Z.<sup>1</sup>, Karahan M.<sup>1</sup>, Yilmaz A.<sup>1</sup>

<sup>1</sup>Trakya University, Department of Anatomy, TURKEY

**Musculoskeletal**

P7-01

**Analysis of structural and qualitative characteristics of the cervical vertebrae in the individuals of both sexes**

Adamovych Olena<sup>1</sup>, Kryvko Yuriy<sup>1</sup>, Masna Zoryana<sup>2</sup>, Chajkovska Solomiya<sup>2</sup>, Ryzhuk Khrystyna<sup>2</sup>, Kuhlevskij Yulian<sup>2</sup>, Kotsarenko Maxym<sup>2</sup>

<sup>1</sup>Danylo Halytsky Lviv National Medical University, Normal Anatomy Department, UKRAINE, <sup>2</sup>Danylo Halytsky Lviv National Medical University, Operative Surgery and Topographic Anatomy Department, UKRAINE

P7-02

**Assessment of the Volume of the Scaphoid Bone on Magnetic Resonance Images Using the Stereological Techniques**

AK Güven Gürsel<sup>1</sup>, Elfaki Amani<sup>2</sup>, Ibrahim Alaa<sup>2</sup>, Açar Güdek Meltem<sup>2</sup>, Sahin Bunyamin<sup>2</sup>

<sup>1</sup>Ondokuz Mayıs University, Samsun, Turkey, Anatomy, TURKEY, <sup>2</sup>Faculty of Medicine, Ondokuz Mayıs University, Department of Anatomy, TURKEY

P7-03

**Piriformis syndrome**

Al Talalwah Waseem<sup>1</sup>, Al Dorazi Shorok<sup>2</sup>, Al Hashimi Zainab<sup>3</sup>, Al Mousa Hassan<sup>4</sup>, Soames Roger<sup>5</sup>

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P7-04

**Comparison of ultrasonography and dorsal horizon view to detect dorsal screw penetrations**

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**Applicability of a semiquantitative evaluation of the intercondylar fossa**

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**The Difference of Regional Bone Strength in Cervical Vertebra: Find a Trajectory for Freehand Technique of Pedicle Screw Fixation**

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**Thin slice silicone plastination of hand**

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### **Topological variability and sex differences in fingerprint ridge density in a sample of the Sudanese population**

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Serra Rita Maria<sup>1</sup>, Casu Veronica Ilaria<sup>1</sup>, Chessa Erika<sup>1</sup>, Meloni Mariangela<sup>1</sup>, La Fragola Alessandra<sup>2</sup>, Rovina Daniela<sup>2</sup>, Pomponi Valeria<sup>1</sup>, Bandiera Pasquale<sup>1,3</sup>, Mazzarello Vittorio<sup>3,1</sup>

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Sarac-Hadzihalilovic Aida<sup>1</sup>, Elfaki Amani<sup>2</sup>, Sljuka Senad<sup>3</sup>, Aganovic – Musinovic Izeta<sup>4</sup>, Luinovic Almira<sup>5</sup>, Sahin Bunyamin<sup>2</sup>

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