

ORAL PRESENTATIONS

ANATOMY (7)

July 7, 8.30, Small hall left (floor S1)

Moderators: Hirtler Lena, Le Floch-Prigent Patrice

- Intercondylar notch and cruciate ligaments in osteoarthritis.
Hirtler Lena, Schreiner M, Röhrich S, Hirtler A, Kainberger F
Austria
- Examining the superficial veins in the dorsal region of the hand
Oztürk D, Emre E, Akkoc RF, Ogetürk M
Turkey
- Architecture of structures in the urogenital triangle of young adult males: comparison with females
Wu Y
China
- Evaluation of internal acoustic meatus in relation to gender, body side and age: A CT study.
Özer CM, Atalar Kerem, Güneylı S, Barut Ç
Turkey
- A morphometric analysis of the shape, position, number and size of mental foramen in dry human mandibles
Nadeem Gulrez
United Arab Emirates
- Morpho-functional evaluation of the symmetry-asymmetry condition of “live” and autopsy kidneys in the norm
Dgebuadze Maia
Georgia
- ~~Morphometry and topography of common carotid artery and internal jugular vein in relation to gender and body side~~
Ertem Onder, Demir M. Kemal, Barut Çağatay
Turkey
- A giant, dismantled, human brain in plaster, made in the 20th century
Le Floch-Prigent Patrice, Fromanger M, Gillot J-B
France

HISTOLOGY (7)

July 7, 14.00, Small hall left (floor S1)

Moderators: Varga Ivan, Kotzé Sanet

- Endothelial cells of the human spleen in scanning electron microscope
Gálfiová Paulína, Varga I, Mikušová R, Lorencová M, Majeský M, Kosnáč D, Polák Š
Slovakia
- Tenascin-C and type 3 collagen expression in calcaneal (Achilles) tendon therapy
Sekerci Rahime, Acar Aydemir N, Ogut E, Aksu K, Keles-Celik N
Turkey
- Beneficial effect of apple vinegar on reproductive parameters in male rat model of non-alcoholic fatty liver disease
Mohammadghasemi Fahimeh, Aghajani Nasab Monireh
Iran

- Mast cells infiltrate the submucosal plexus in diverticular disease
Alaburda Paulius, Lukosiene J, Tamelis A, Pauziene N
Lithuania
- Neurochemistry of the rabbit atrial ganglia
Inokaitis Hermanas, Rysevaite-Kyguoliene K, Pauziene N, Pauza DH
Lithuania
- Regarding the ductular reaction on the late stages of common bile duct ligation in rats
Azmaiparashvili E, Goishvili Nana, Kakabadze M, Makaridze D, Kordzaia D
Georgia
- The comparative morphology of the gastrointestinal tract of four African murid rodent species
Henke Z, Sahd L, Matthee S, Kotzé Sanet H.
South Africa

MOLECULAR AND CELL BIOLOGY (12)

Molecular and cell biology 1 (7) July 6, 11.00, Small hall right (floor S1)

Moderators: Ge Ying-ying, Arslan Ayse

- T372C polymorphism of the tissue inhibitors of metalloproteinases-1 and colorectal cancer outcome in Iran
Aghajany Nasab Monireh, Rostami M, Habibipour R, Mansour-Ghanaei F, Bidmeshkipour A
Iran
- Evaluation of Lipid Peroxidation and Some Antioxidant Activities in Patients with Primary and Metastatic Liver Cancer
Arslan Ayse
Turkey
- TNF-alpha G/A308 polymorphism association with polyps in north part of Iran
Faghani Masoumeh, Keshavars P, Nemati S, Pourgholamali B, Moharami F, Sharafshah AR
Iran
- Demethylation of OY-TES-1 promoter upregulate its protein expression and increased OY-TES-1-specific cytotoxicity of CTL against hepatocellular carcinoma cells
Ge Ying-ying, Zhang QM, Luo B, Chen F, Li CM, Li XS, Fu J, Liu C, Wu HX, Xiao SW, Xie XX
China
- The regulatory impact of methylation and transcription factor SP1 on OY-TES-1 promoter in hepatocellular carcinoma cells
Ge Ying-ying, Luo B, Zhang QM, Chen F, Shi L, Fu J, Li XS, Liu C, Wu HX, Xiao SW, Xie XX
China
- Expression and significance of CXC chemokine ligand 3 in renal cell carcinoma tissues
Qi Ya Ling, Zhao WJ, Wang WQ, Li Y, Lan YH
China
- Cell death in the shell gland of the domestic fowl (*gallus domesticus*)
Madekurozwa Mary Cathrine, Mpango MM
South Africa

Molecular and cell biology 2 (4) July 7, 8.30, Small hall right (floor S1)

Moderators: Surinlert Piyaporn, Zhang Hongquan

- ~~Identification and expression of Niemann-Pick type c2-like gene in male reproductive tracts of *Macrobrachium rosenbergii*~~
Surinlert Piyaporn, Chotwiwatthanakul C, Sakulsret C, Asuwapongpattana S,
Weerachatanukul W
Thailand
- ~~The effect of reduced salicylaldehyde derivative on apoptotic, cytotoxic and DNA damage of cervical cancer cell line~~
Tülüce Yasin, Mohammed Halgurd Nadhim, Koyuncu İsmail, Kiliç Ahmet, Durgun Mustafa
Turkey
- Src-mediated phosphorylation converts FHL1 from tumor suppressor to tumor promoter
Wang X, Wei Xiaofan, Yuan Y, Sun Q, Zhan J, Zhang J, Tang Y, Li F, Ding L, Ye Q,
Zhang H
China
- Unconventional Myosin VIIA Promotes Melanoma Progression
Liu Y, Wei X, Guan L, Xu S, Yuan Y, Lv D, He X, Zhan J, Guo J, Zhang Hongquan
China
- Exogenous CXC chemokine ligand 12 (CXCL 12) promotes the proliferation of HeLa cervical cancer cells through MAPK/ERK pathway
Qi Yaling, Zhao WJ, Wang WQ, Li Y, Lan YH
China
- The infestation of *Demodex* spp. and the relationship between skin diseases
Torkamanian Afshar M, Beyhan Yunus Emre
Turkey

DEVELOPMENTAL BIOLOGY AND EMBRYOLOGY (4) + ANTHROPOLOGY (4)

July 6, 14.00, Small hall right (floor S1)

Moderators: Palmerini Maria Grazia, Buchtova Marcela

- Sprouty2-deficient mice exhibit craniofacial and skeletal malformations resembling ciliopathies
Buchtova Marcela, Hruba E, Dalecka L, Hovorakova M, Kavkova M, Zikmund T,
Kaiser J
Czech Republic
- PI3K/AKT/PTEN pathway is involved in motility loss associated with prohibitin downregulation in sperm from infertile men
Chen Hong, Chai RR, Chen GW, O WS
China
- Effect of different oxygen concentration on preimplantation mouse embryo: an ultrastructural study of mitochondrial damage
Belli M, Palmerini Maria Grazia, Zhang L, Liu X, Donjacour A, Ruggeri E, Nottola SA,
Rinaudo P, Macchiarelli G
Italy
- BRE gene is involved in mouse ovarian follicle development and atresia
Wang G, Yeung CK, Yang Xuesong
China

- Topological variability and sex differences in fingerprint ridge density in a sample of the sudanese population
Ahmed Altayeb Abdalla, Osman S
Saudi Arabia
- Changes in intracranial volume and cranial shape in modern Koreans over four decades
Kim YS, Park IS, Kim HJ, Kim D, Lee NJ, Rhyu Im Joo
South Korea
- Relationship between prevalence of palmaris longus muscle and handedness in women presenting for routine obstetric ultrasonography at Isth Irrua, Nigeria
Ujaddughe Moses Oriasotie, Anyanwu LC, Abubakar MM
Nigeria
- Neck circumference: a reliable and cost effective obesity indicator for developing countries
Hasan Tabinda, Hasan Deeba
Saudi Arabia
- Sectioned images of Rhesus monkey whole body
Park Jin Seo
South Korea
- ~~Gross anatomical variations among and within the incisive foramen~~
~~Ipsalali Hasan Orkun, Kocanali N, Ortug A, Ortug G~~
~~Turkey~~

IMAGING (9)

July 7, 14.00, Small hall right (floor S1)

Moderators: Kavková Michaela, Duman Fatma

- Evaluation of internal carotid artery malposition with multi-slice computer tomography: complication analysis of pharyngeal surgery
Arslan Harun
Turkey
- Neuroimaging manifestations of Behcet's disease: a retrospective study from Eastern Mediterranean of Turkey
Burakgazi G, Duman Fatma
Turkey
- Anatomical orientation with 3D neurovascular models in posterior cranial fossa
Karakas Asli Beril, Ozer MA, Kesici O, Bedre O, Govsa F
Turkey
- High-resolution 3D imaging of mouse brain by X-ray computed microtomography
Kavková Michaela, Zikmund T, Tesařová M, Novotná M, Kaucká M, Szarowská B, Adameyko I, Buchtová M, Kaiser J
Czech Republic
- Differential analysis of brain structure volume associated with Parkinson's disease based on nuclear MR T1 imaging
Liu G, Shi Y, Li Wensheng
China
- Implementation of industrial approach of X-ray computed microtomography in developmental biology
Tesařová Markéta, Kaucká M, Adameyko I, Novotná M, Zikmund T, Kaiser J
Czech Republic

- Evaluation of lacrimal gland dimensions with MR imaging in a Turkish population sample
Gedar OM, Kalkay Aybike Buse, Kabadayi K, Demir MK, Barut C
Turkey
- Homarus gemmarus (European lobster): seriated CT-scan and reconstructions: horizontal, sagittal and 3D
Le Floch-Prigent Patrice, Verdeille S
France
- Prionace glauca (pole shark): seriated CT-scan and reconstructions: horizontal, sagittal and 3D
Le Floch-Prigent Patrice, Verdeille S
France

SURGICAL and CLINICAL ANATOMY (8) July 7, 11.00, Small hall left (floor S1)

Moderators: Bilge Okan, Tuli Anita

- Volumetric study of maxillary sinuses using Cone Beam Computed Tomography: an in vivo study
Bernardi Sara, Rastelli E, Bianchi S, Antonouli S, Palmerini MG, Belli M, Continenza MA, Macchiarelli G
Italy
- Position and dimensions of the mental foramen using Cone Beam Computed Tomography
Ahmed Altayeb Abdalla, Mohamed Ahmed R
Saudi Arabia
- Myrtiformis muscle
Yegin ME, Kocer IB, Celik S, Tiftikcioglu YO, Bilge Okan
Turkey
- Subthalamic nucleus deep brain stimulation and mydriasis: a case report
Duman Fatma, Yilmaz A, Yucekaya B, Oral S
Turkey
- For filling the missing fragments of complex mosaic of liver regeneration
Tsomaia K, Inauri N, Kordzaia Dimitri
Georgia
- Can unilateral kyphoplasty provide bilateral vertebral body filling?
Yilmaz A, Duman F, Yucekaya Bircan, Kaya ME
Turkey
- A cadaver study: accessory meningeal artery and its clinical significance
Boduç Erengül, Bilge O
Turkey
- Study of sutural (wormian) bones of orbit with their clinical implications and embryological basis
Tuli Anita, Mahajan R, Raheja S, Tomer S, Beri S
India

EDUCATION (5) + HISTORY (1)

July 7, 11.00, Small hall right (floor S1)

Moderators: Smith Claire, Brenner Erich

- The history of anatomical research of lymphatics – from the ancient times to the European Renaissance
Irschick R, Brenner Erich
Austria
- Free regional anatomy textbook, full of schematics and mnemonics
Chung Min Suk, Chung BS
South Korea
- ~~Usage of an indigenous polymer for plastination in teaching anatomical and biological specimens~~
~~Alaa Abdulkhalek Hussein Sawad~~
~~Iraq~~
- ~~Anatomical museums for all ages anatomy education~~
~~Ortug Alpen, Ortug G~~
~~Turkey~~
- Interactive form of studying topographic anatomy
Šmahelová Eva, Doubková B, Filipický T, Lisková K, Pös M, Vaňková K, Hájek P
Czech Republic
- Creating core anatomy syllabi
Smith Claire F, Connolly Siobhan, Hennessy Catherine, Finn Gabrielle M
Great Britain
- Memorix Histology – a revolutionary compromise between a textbook, an atlas, and students' excerpts
Balko Jan, Tonar Z, Varga I, Kachlik D, Hudak R
Czech Republic
- Memorix anatomy quiz – an effective way to repeat anatomy using a mobile app
Hudak Radovan, Bartl E, Novyzedlak R, Kachlik D
Czech Republic

NEUROSCIENCE (22)

Neuroscience 1 (7)

July 6, 11.00, Small hall left (floor S1)

Moderators: Chung Beom Sun, Jameie Seyed Behnamedin

- Whole course of pallidothalamic tract identified on the sectioned images and 3D models of Visible Korean
Chung Beom Sun, Chung MSuk, Park JS
Republic of Korea
- The structure and functions of the claustrum
Druga Rastislav
Czech Republic
- The effects of Deltamethrin and Syringic acid on brainstem evoked auditory potentials
Akay Guven, Ogut E, Tas G, Kiyamaz KZ, Sati L, Yildirim FB, Derin N
Turkey
- Marchiafava-Bignami disease in a non-alcoholic patient with drug addiction
Arslan Harun
Turkey

- ~~Effect of refractive error on color vision: preliminary evaluation~~
Arslan Esin, Diremsizoglu U, Barut C
Turkey
- FNDC5 expression in Purkinje neurons of adult male rats with acute spinal cord injury following treatment with methylprednisolone
Hassanzadeh S, Jameie Seyed Behnamedin, Mehdizadeh M, Soleimani M, Namjoo Z, Soleimani M
Iran
- Whole-brain monosynaptic afferents to adenosine A2a receptor neurons in nucleus accumbens core mediating sleep regulation
Li Rui-Xi, Yuan XS, Wei HH, Huang ZL
China
- Effects of Coenzyme Q10 on the level of TNF- α , IL-10 cytokines and Bax/Bcl2 ratio in menopausal rat model following lumbar spinal cord injury
Soleimani Maryam, Jameie SB
Iran

Neuroscience 2 (8)

July 6, 14.00, Small hall left (floor S1)

Moderators: Filipović Branislav, Pauza Dainius Haroldas

- Optophysiology in epileptology research – calcium and voltage imaging brings cell type specific activity data with millisecond time resolution and subcellular spatial resolution in vivo
Novak Ondrej, Kachlik D, Krsek P, Marusic P, Otahal J, Jiruska P
Czech Republic
- Fractionated irradiation-induced metabolic and histopathological changes in the brain and plasma of rats
Báľentová Soňa, Hnilicová P, Kalenská D, Baranovičová E, Murín P, Bittšanský M, Hajtmanová E, Lehotský J, Adamkov M
Slovakia
- Synchronous sensory cortical processing from ipsilateral and contralateral basal forebrain projections: an anatomical and physiological study in transgenic mice
Chaves-Coira Irene, Rodrigo-Angulo ML, Nuñez A
Spain
- Are religious people less prone to hypnosis? Brain partially answers.
Filipović Branislav R, Filipović BF
Serbia
- Calcitonin gene-related peptide containing neurons activate nitrenergic and vipergic neurons within myenteric and submucosal plexuses in diverticular disease
Lukosiene Jaune, Pauza A, Pauziene N, Rysevaite-Kyguoliene K, Kupcinskas J, Saladzinskas Z, Tamelis A
Lithuania
- Investigation of possible protective role of syringic acid on hippocampus after chronic deltamethrin exposure
Ogut Eren, Sekerci R, Akcay G, Yildirim FB, Derin N, Sati L, Aslan M
Turkey
- Possible origin of nitrenergic cardiac innervation
Navickaite I, Gedminas L, Pauziene N, Pauza Dainius Haroldas
Lithuania

- Ultrastructural remodeling of the myenteric nerve plexus in diverticular disease
Pauziene Neringa, Alaburda A, Lukosiene J, Tamelis A
Lithuania

Neuroscience 3 (7)

July 7, 14.00, Hall SP2 (floor SP)

Moderators: Qi Jian-Guo, Sun Shanquan

- Comparison of the inhibitory cortical system in the transitory neo-allocortical regions
Salaj Martin, Druga R, Kubová H, Barinka F
Czech Republic
- CD4⁺ αβ T-cell infiltration into the leptomeninges of lumbar dorsal roots contributes to the transition from acute to chronic mechanical allodynia after adult rat tibial nerve injuries
Ding YQ, Du B, Xiao X, Qi Jian-Guo
China
- Novel cerebellar circuitry mechanisms of limbic epilepsy and paroxysmal kinesigenic dyskinesia
Tan Guo He, Liu YY, Wang L, Li K, Xiong ZQ
China
- Role of vof16-miR185-5p-GAP43 network in the repair of transected spinal cord
Xiong Liu-Lin, Hu Y, Liu J, Xia QJ, Wang TH
China
- Elf5a Promotes Injured Spinal Cord Repair Via complexin/γ-actin Signal
Yang Xu, Liu J, Wang TH
China
- Protective effects of mesenchymal stem cells overexpressing extracellular regulating kinase1/2 against stroke in rats
Gao N, Dou N, Zhang N, Huang N, Zeng N, Zhang N, Yang N, Yuan Qionglan
China
- Rno-mir-124-3p negatively regulates slc16a1 in the brain tissue of rats with acute permanent cerebral ischemia
Xu Shiye, Sun Shanquan
China