

XXIV International Symposium on Morphological Sciences 2nd–6th September, 2015, Istanbul, Turkey

31st August 2015

09:00 - 17:00 **FIPAT Meeting**

1st September 2015

09:00 - 17:00 **FIPAT Meeting**

2nd September 2015

09:00 - 13:00 **IFAA Executive Committee Meeting**

09:00 - 13:15 **Workshop**
Medical photography
Guidelines for standard photography in gross and clinical anatomy

16:00 - 17:15 **Opening Ceremony**
"Sunland Anatolia" by Tuluyhan Uğurlu

Opening Speeches
Erdogan Şendemir (XXIV ISMS), Kagan Karabulut (TSACA), Yasuo Uchiyama (ICSMS),
Beverly Kramer (IFAA), Mahmut Ak (Istanbul Uni.), Ahmet Cevat Acar (TUBA)

17:30 - 18:30 **Opening Lecture**
Chair: Erdoğan Şendemir – ISMS President
The evolutionary logics of networks in motion - from microcircuits to selection of behaviour
Sten Grillner (Stockholm–Sweden)

18:30 - 21:00 **Welcome Cocktail**

3rd September 2015

Hall 1

08:00 - 08:30 **EFEM Meeting**

09:00 - 10:00 **EFEM Lecture Sponsored by EFEM**
Chair: Diogo Pais – EFEM President
Midline crossing of sensory pathways
Reha S. Erzurumlu (Baltimore–USA)

10:00 - 10:15 **Coffee Break**

10:15 - 11:00 **Plenary Lecture**
Chair: Özhan Eyigör
Ultrastructural neuropathology in transgenic models of Alzheimer's disease
Alev Erişir (Virginia–USA)
Histopathological changes in animal models of ALS
Emel Ulupınar (Eskişehir–Turkey)

11:00 - 12:00	Plenary Lecture Chair: Gülgün Şengül Brain, behaviour and evolution George Paxinos (Sydney–Australia)
12:00 - 13:30	Lunch
13:30 - 14:30	Plenary Lecture Chair: Emel Ulupınar Peripheral nerve repair and regeneration Stefano Geuna (Torino–Italy)
15:00 - 15:30	Coffee Break
15:30 - 16:30	Mini-Symposium / Sponsored by CSAS Histology and Embryology Chair: Hong-Quan Zhang Role of integrin-interacting proteins in cancer progression Hong-Quan Zhang (Beijing–China) Oligodendroglial development: new roles for connexin mediated glial networking Lan Xiao (Chongqing–China) Comparison of calcium and barium microcapsules as scaffolds in the development of artificial dermal papillae Chang-Min Lin (Shantou–China) The easily ignored role of autophagy in early events of embryo development Xue-Song Yang (Jinan–China)
16:45 - 18:45	ICSMS Meeting

Hall 2

09:00 - 10:00	Oral Presentations Chairs: Stojanka Arsic, Esat Adıgüzel O-67 Vitamin D attenuates kidney fibrosis via reducing fibroblast expansion, inflammation and epithelial cell apoptosis Nur Arfian O-04 The morphology and haemodynamics of vessels in kidney with a single and aberrant renal arteries in norm and in hypertension Maia Dgebuadze O-17 Uric acid induces glomerulosclerosis, tubular injury and renal fibrosis through transforming growth factor, 1 elevation and fibroblast expansion Muhammad Mansyur Romi O-21 Surgical anatomy of the left triangular ligament and 'fibrous appendix' of the liver Petros Mirilas O-30 Pre- and para-proliferative features of ductular reaction following biliary obstruction Dimitri Kordzaia O-34 Comparative effect of apple, date and balsamic vinegar's on liver histopathology in rats under high fat diet Fahimeh Mohammadghasemi
10:00 - 10:15	Coffee Break
10:15 - 11:00	Plenary Lecture Chair: Ahmet Usta Electrochemical processing of charged molecules: pathway to engineering of complex tissue structures Ozan Akkuş (Cleveland–USA)
11:00 - 12:00	Oral Presentations Chairs: Yakup Gümüşalan, Servet Çelik O-16 Effect of tryptophan on testosterone, estradiol and luteinizing hormone levels and on Leydig cells in male rats Eryati Darwin

	O-98	Morphological characteristics of stromal and glandular components of adenomyosis and adenomyosis development stages, focused on stroma invasion theory Aran Kim
	O-02	<i>Chlorella vulgaris</i> alleviates lead-induced testicular toxicity better than <i>Zingiber officinale</i> : an ultrastructural study Hesham N Mustafa
	O-03	Effect of using ethylene glycol and DMSO as anti-freezing agents on the oocyte development to blastocyst in mice Reza Mahmoudi
	O-38	Effect of forced swimming in different temperatures on ovary Fahimeh Mohammadghasemi
12:00 - 13:30	Lunch	
13:30 - 15:00	Mini-Symposium / Sponsored by CSAS Neuroanatomy Chair: Yun-Qing Li	
		Morphological studies on the central antinociceptive effects of endomorphin Yun-Qing Li (Xi'an-China)
		The effects of methylene blue on autophagy and apoptosis in MRI-defined normal tissue, ischemic penumbra and ischemic core Chang-Man Zhou (Beijing-China)
		Central serotonin circuits and brain functions Yu-Qiang Ding (Shanghai-China)
		Effects and mechanism of activating microglia M2 phenotype on dopamine neuron injury Bing-Yin Su (Chengdu-China)
15:00 - 15:30	Coffee Break	
15:30 - 16:30	Meeting with Editors	
16:40 - 18:45	Oral Presentations Chairs: Helen Nicholson, Aslı Aktan İkiz	
	O-22	Radiological investigation of brain volume changes in migraine disease Ahmet Kalaycıoğlu
	O-29	Volume calculation of midbrain structures in Parkinson's patients with Diffeomap software Hakan Ocak
	O-37	Quantitative morphology of the subcortical structures in ADHD using an atlas-based analysis: a diffusion tensor imaging study Niyazi Acer
	O-64	Prevalence of Chiari type I malformation: a retrospective study from cervical MRI Hale Öktem
	O-74	Evaluation of eyeball and orbit in relation to gender and age: preliminary results Cenk Murat Özer
	O-91	Virtual reality modeling language (VRML) form of the rat cerebral ventricular system Samet Kapakin
16:45 - 18:45	ICSMS Meeting	

Hall 3

09:00 - 10:00	Oral Presentations Chairs: David Kachlik, Nihal Apaydın	
	O-62	Topographical anatomy of cricothyroid membrane and its relation with invasive airway access Bülent Yalçın
	O-76	3D analysis of facial mask in the sitting, standing and supine body positions Umut Özsoy
	O-87	An exoteric narrative of an esoteric disorder: on the anatomical codes of the temporomandibular joint diseases Hüseyin Avni Balcıoğlu

	O-92 The ankle bones: three dimensional reconstruction, photorealistic imaging and physical biomodeling Samet Kapakin
	O-82 The anatomical relationship between the myofibriles of accessory iliac – psoas muscle and the femoral nerve Fuat Unat
10:00 - 10:15	Coffee Break
10:15 - 11:00	Oral Presentations Chairs: Phil Blyth, Mehmet Üzel
	O-75 Morphometry of the petrous bone as a guide for suboccipital retrosigmoid surgical approach Pelin İlhan
	O-95 Evaluation of the relationship between metatarsophalangeal, metatarsocuneiform and naviculocuneiform joint angles Yakup Gümüştalan
	O-32 Gross variations of groove for superior petrosal sinus in humans Jhonny Fernando García Aguirre
	O-01 A study of the patterns of digito-palmar dermatoglyphics in Esan ethnic group of Edo State, Nigeria Moses Oriasotie Ujaddughe
	O-96 The foot architecture and biomechanics from viewpoint of shoe design Behice Durgun
11:00 - 12:00	Oral Presentations Chair: Ali Firat Esmer
	O-66 The effect of oxytocin and kisspeptin-10 on ovary and uterus of ischemia/reperfusion injured rats Melisa Aslan
	O-68 Morphologic changes in ovarium of mice fed with high fat diet Hilal Peker
	O-81 The effects of maternal hypothyroidism on the immunoreactivity of cytochrome p450 aromatase in the postnatal rat testes Ayşegül Burçin Yıldırım
	O-58 Protective effect of pentoxifylline on male Wistar rat testicular germ cell apoptosis induced by 3.4-methylenedioxymethamphetamine Zahra Nadia Sharifi
12:00 - 13:30	Lunch
13:30 - 15:00	Oral Presentations Chairs: Figen Gövsa, Behice Durgun
	O-08 Sexism and anatomy, as discerned in images of anatomy by medical students at Cardiff University and University of Paris Descartes Susan Morgan
	O-49 Every anatomist can and should contribute to better anatomical nomenclature David Kachlik
	O-63 Coordinated multiple use of fresh frozen cadavers Pelin Akca
	O-71 The need of vertical integration of anatomy education in medical schools Ahmet Songur
	O-18 The role of student surgical interest groups and surgical olympiads in anatomical and surgical undergraduate training in Russia Dydykin Sergey
	O-20 Anatomy learning comics for the interested laypeople and students Beom Sun Chung

	O-50 Johannes Jessenius and his book on public dissection performed in 1600 David Kachlik
	O-42 Neuroethics: neuroscience for ethics or ethics for neuroscience Behnam Jameie
15:00 - 15:30	Coffee Break
15:30 - 16:30	Meeting with Editors
16:40 - 18:45	Oral Presentations Chairs: Piraye Kervancioğlu, Necdet Kocabiyik
	O-53 Mirtazapine affects the ion channels and neuropeptides levels in diabetic neuropathy Nuriye Ezgi Bektur
	O-56 The effect of growth hormone on the 6-OHDA model of Parkinson's disease Özlem Kirazlı
	O-45 Combined therapeutic effects of low power laser (980nm) & CoQ10 on neuropathic pain in adult male rats Behnam Jameie
	O-47 Vitamin D3 influence the Th1/Th2 ratio in C57BL/6 in model of experimental autoimmune encephalomyelitis Maryam Soleimani
	O-48 Method of housing and transfer and experimental autoimmune encephalomyelitis: an experimental study on C57BL/6 Seyed Behnamedin Jameie
16:45 - 18:45	ICSMS Meeting

4th September 2015**Hall 1**

09:00 - 10:00	Plenary Lecture Chair: Emel Ulupınar Neuropeptides and their involvement in pain and depression Tomas Hökfelt (Stockholm–Sweden)
10:00 - 10:15	Coffee Break
10:15 - 11:00	Plenary Lecture Chair: Ümit S. Şehirli Cholinergic brainstem modulation of striatal circuits: multiple levels of synaptic integration Juan Mena Segovia (New Brunswick-USA)
11:00 - 12:00	Plenary Lecture Chair: Muzaffer Şeker New perspectives in neurosciences Gazi Yaşargil (Istanbul–Turkey)
12:00 - 13:30	Lunch
13:30 - 15:00	Plenary Lecture Chair: Hakan Hamdi Çelik Misinterpreted white matter tracts of the human brain revealed through fiber dissection Uğur Türe (Istanbul–Turkey) Ultrastructural morphology of white matter axons as a function of age and ischemia Selva Baltan (Cleveland–USA)
15:00 - 15:30	Coffee Break

15:30 - 16:30	Mini-Symposium / Rapid steroid effects on the brain Chair: Gustav F. Jirikowski
	Steroid effects in the brain Gustav F. Jirikowski (Jena–Germany)
	Hypothalamic circuits in rapid stress response Elena Sivukhina, Gustav F. Jirikowski (Jena–Germany)
	Impact of gonadal steroids on neuronal development in vitro Veronika M. Gebhart (Jena–Germany)
	Gonadal steroid hormones as olfactory ligands Verena Ploß (Jena–Germany)
	Glucocorticoid actions and CBG expression in human heart Hans Hendrik Schäfer (Basel–Switzerland)
16:30 - 16:40	Coffee Break
16:40 - 17:40	Oral Presentations Chairs: Seda Vatansver, Esat Adigüzel
	O-93 The effects of single dose ketamine application on the hippocampal volume of prenatally stressed juvenile rats Osman Özcan Aydın
	O-54 Effects of streptozotocin induced diabetes mellitus on hippocampal volume in rats Şule Onur
	O-11 Sca-1+Lin-CD117-Mesenchymal stem/stromal cells induce the generation of novel IRF8-controlled regulatory dendritic cells through notch-RBP-J signaling Robert Chunhua Zhao
	O-33 Satellite glial cells promote regeneration of the nerve injury in vivo Xi Nan Yi
	O-99 Topographical distribution of cholinergic brainstem axons in the thalamus and their relationship with the thalamostriatal systems Hüsnüye Hacıoğlu Bay
20:00	Gala Dinner - Bosphorus Boat

Hall 2

09:00 - 10:30	Mini-Symposium / Clinical anatomy – Translational research Chair: Stephen Carmichael
	The relationship between Langer's lines and surgical incisions Stephen Carmichael (Minnesota–USA)
	Translational and reverse translational research in anatomy Marios Loukas (Grenada–West Indies)
	Teaching the anatomical dogma new tricks: challenging common knowledge – a few examples of common knowledge in anatomy that turned out to be inaccurate Thomas Gest (Texas–USA)
	Variability of liver segmentation Petru Matusz (Timisoara–Romania)
10:30 - 10:45	Coffee Break
10:45 - 11:00	Oral Presentations Chairs: Salih Murat Akkin, Zeliha Kurtoğlu
	O-51 Anatomy of the radial grooves for the first extensor compartment of the wrist on 3D reconstructed CT images İlke Ali Gürses
	O-83 Multidetector computed tomography (MDCT) study of inferior vena cava related to lumbar vertebra Elif Nedret Keskinöz
	O-80 Morphometric analysis of iliocaval region related to lumbar vertebra and aortic bifurcation on multidetector computed tomography Elif Nedret Keskinöz

11:00 - 12:00	<p>Oral Presentations Chairs: Salih Murat Akkin, Zeliha Kurtoğlu</p> <hr/> <p>O-28 Broad distribution of lyve-1-expressing endothelial cells and reticular cells with special reference to the reticulo-endothelial system (RES) Miao Zheng</p> <hr/> <p>O-31 Histopathologic features of adverse reactions to facial dermal fillers Agate Galuza</p> <hr/> <p>O-73 Investigation of the effects of aging on the expression of aquaporin 1 and aquaporin 4 protein in heart tissue Hikmet Bıçakcı</p> <hr/> <p>O-72 Effect of herbal extract of the <i>Viola odorata</i> on morphogenesis of mice Kobra Mehrannia</p> <hr/> <p>O-19 Maternal transplantation of epidermal neural crest stem cells provides prenatal therapy in entorhinal cortex of methylazoxymethanol exposed mice Ameneh Omid</p>
12:00 - 13:30	Lunch
13:30 - 15:00	<p>Mini-Symposium / Digital sectional and clinical anatomy Chair: Shao-Xiang Zhang</p> <hr/> <p>Some progress of digital medicine research in China Shao-Xiang Zhang (Chongqing–China)</p> <hr/> <p>Clinical anatomy in suboccipital area Hong-Jin Sui (Dalian–China)</p> <hr/> <p>A CT image-based technique for accurate blood vessel reconstruction Bin Fang (Chongqing–China)</p> <hr/> <p>Three-dimensional reconstruction of coronary arteries and its application in localization of coronary artery segments corresponding to myocardial segments identified by transthoracic echocardiography Yan-Li Guo (Chongqing–China)</p>
15:00 - 15:30	Coffee Break
15:30 - 16:30	<p>Mini-Symposium / Anatomy from bench to bedside Chairs: Gordana Teofilovski-Parapid, Oladapo Ashiru, Susana Biasutto</p> <hr/> <p>Myocardial bridges in adults: facts and fantasy – The Belgrade study Gordana Teofilovski-Parapid (Belgrade–Serbia)</p> <hr/> <p>The value of applied clinical embryology in the 21st century assisted reproductive technology Oladapo Ashiru (Lagos–Nigeria)</p> <hr/> <p>Surgical anatomy for the retroperitoneal lymph node dissection Susana Biasutto (Cordoba–Argentina)</p> <hr/> <p>Professor Moscovici: Brazilian anatomist of the world Nadir Prates (Sao Paulo–Brazil)</p> <hr/> <p>Anatomy of the head and neck to new trends in its surgery Patrice Le Floch-Prigent (Versailles–France)</p> <hr/> <p>From the clinical practice to the Anatomy lab: clinical question and anatomical reply Fabrice Duparc (Rouen–France)</p>
16:30 - 16:40	Coffee Break
16:40 - 17:40	<p>Oral Presentations Chairs: Çağatay Barut, Kaan Yücel</p> <hr/> <p>O-07 Neuroplastin 65 mediates cognitive functions via excitatory/inhibitory synapse imbalance and erk signal pathway Qionglan Yuan</p> <hr/> <p>O-70 Neural mechanisms underlying time perception and reward prospect Nihal Apaydın</p> <hr/> <p>O-94 Activation of neurons in the medial prefrontal cortex of prenatally stressed rats was not altered by single dose ketamine injection Elif Polat</p>

O-69 Improvement of memory performance after *Centella asiatica* (Gotu kola) ethanol extract treatment associates with upregulation of brain-derived neurotrophin factor (BDNF), TrkB and ERK1/2 signaling in chronic electrical stress model in rats
Nur Afrian

O-46 Effects of coenzyme Q10 on the ratio of TH1/TH2 in experimental autoimmune encephalomyelitis model of multiple sclerosis in C57BL/6
Maryam Soleimani

20:00 **Gala Dinner - Bosphorus Boat**

Hall 3

09:00 - 10:00 **Oral Presentations**
Chairs: Ahmet Kalaycıoğlu, Samet Kapakin

O-86 Proximal femoral focal deficiency
Papatya Keleş

O-79 Evaluation of relationship between prevalence of palmaris longus muscle and handedness
Hüseyin Baylan

10:00 - 10:15 **Coffee Break**

10:15 - 11:00 **Oral Presentations**
Chairs: Ferruh Yücel, Ayşin Kale

O-90 Creating three dimensional anatomy atlases by using augmented reality technique
Samet Kapakin

O-84 Using social media in anatomy education
Kaan Yücel

11:00 - 12:00 **Oral Presentations**
Chairs: Ferruh Yücel, Ayşin Kale

O-10 The role of antibody receptor TSH (TRAb) and goiter size in graves' disease patients in padang west sumatra, Indonesia
Dwitya Elvira

O-36 Innervation pattern of the masseter muscle by Sihler technique: a descriptive cadaver study
Jose Manuel Hernandez

O-23 Anthropometric characteristics of craniums in residents of Qazvin, Iran and Gazi Khan, Pakistan: a comparative study
Azim Hedayat Pour

O-24 Anthropometric features of body index in natives of Qazvin, Iran
Kamran Saberi

O-25 Determination of stature from forearm length in medical students
Shadan Navid

12:00 - 13:30 **Lunch**

13:30 - 15:00 **Oral Presentations**
Chairs: Muzaffer Sindel, Niyazi Acer

O-06 Hypothalamic circuits in rapid stress response
Gustav Jirikowski

O-27 Time-course changes in PCNA and DCX expression in the juvenile and adult Japanese quail brains
Pilani Nkomozepi

O-77 Investigation of the effects of glutamate stress in a model central nervous system cell line on graphene oxide sheets
Buse Kayhan

O-78 Investigation of the effects of hypoxia on SH-SY5Y cells on graphene oxide sheets
Pelin İlhan

O-12 The neuroprotective effect of a triazine derivative in an Alzheimer's rat model
Gholamreza Hassanzadeh

	O-40	Effects of exogenous estrogen treatment on hippocampal neurogenesis of diabetic ovariectomized adult rats Behnam Jameie
	O-43	Neuroprotective effect of coenzyme Q10 in chronic constriction injury-induced neuropathic pain the rat Behnam Jameie
15:00 - 15:30	Coffee Break	
15:30 - 16:30	Oral Presentations <i>Chairs: Petru Matusz, Tülin Şen Esmer</i>	
	O-05	Protective effects of thrombomodulin on microvascular permeability after subarachnoid hemorrhage in mouse model Junhao Yan
	O-52	Right-left and sex dependant differences of hippocampus and amygdala sizes and their relation to the clinical symptoms in schizophrenics: a comparative brain segmentation study Amani Elfaki
	O-60	Morphometry of the anterolateral brainstem as a guide for surgical approaches to intrinsic brainstem lesions İlke Bayazıt Koçer
	O-85	The relationship of white/grey substances areas with sex and age: human autopsy study Ayşegül Güngör Aydın
	O-89	The localization of the supratrochlear, supraorbital and zygomaticotemporal nerves: an alternative measurement to use in migraine treatment İsmail Yağmurhan Gilan
16:30 - 16:40	Coffee Break	
16:40 - 17:40	Oral Presentations <i>Chairs: Aida Hasanovic, Ahmet Songur</i>	
	O-09	Confocal microscopy analysis of granulovacuolar degeneration in transgenic mice Christoph Köhler
	O-14	Quantification of cortical neurons: a neuroanatomical myth in neuroanatomy Jhonny Fernando García Aguirre
	O-13	The effect of atrovastatin on apoptosis of hippocampal CA1 pyramidal cells following transient global ischemia in male rat Masoumeh Faghani
	O-41	Effects of total light deprivation on hippocampal neurogenesis and memory of adult rats: a sexual dimorphism study Behnam Jameie
	O-59	The neuroprotective effect of propofol on ca1 area of male Wistar rat hippocampus following transient global ischemia/ reperfusion Shabnam Movassaghi
20:00	Gala Dinner - Bosphorus Boat	

5th September 2015

Hall 1

9:00 - 10.30	Mini-Symposium / New trends in molecular and biomedical imaging <i>Chairs: Diogo Diogo Pais, Javier Regadera</i>
	General angiomorphological imaging using SEM vascular corrosion casts Diogo Pais (Lisbon-Portugal)
	Molecular imaging in atheroma plaque Lisardo Boscá (Madrid-Spain)
	Initial mechanism of intimal fibrosis in saphenous vein with varicose disease. Immunohistochemical and morphometric quantifications and molecular oxidative stress evaluation Juan P. Velasco-Martin (Madrid-Spain)

	New trends in biomedical imaging of erectile dysfunction José António Pereira (Lisbon-Portugal)
	Multimodality imaging of the lower extremity arterial disease Nuno Vasco Costa (Lisbon-Portugal)
10:30 - 10:45	Coffee Break
10:45 - 12:00	Mini-Symposium / Biotechnology in morphological sciences Chair: Gülgün Şengül
	Mapping the nervous system with CLARITY Gülgün Şengül (İzmir-Turkey)
	Optogenetics Emel Sokullu Urkaç (İzmir-Turkey)
	Using biomaterials and 3D culture systems to regulate in vitro cell morphology Aylin Şendemir Ürkmez (İzmir-Turkey)
	Mechanical signals and cellular morphology Yannis Missirlis (Patras-Greece)
12:00 - 13:30	Lunch
13:30 - 15:00	Mini-Symposium / Cell death and autophagy Chair: Yasuo Uchiyama
	Neuron death and autophagy Yasuo Uchiyama (Tokyo-Japan)
	Active participation of cell death during development and inflammation Masayuki Miura (Tokyo-Japan)
	Apoptosis: from birth to death Seda Vatansver (Manisa-Turkey)
	Cancer and autophagy Devrim Gözüağık (İstanbul-Turkey)

Hall 2

09:00 - 10:30	Mini-Symposium / To the memory of Prof. Mauricio Moscovici Recent advances in reproductive biology Chair: Guido Macchiarelli
	Recent insights in the ultrastructure of human oocyte Guido Macchiarelli (L'Aquila-Italy)
	Changes in the organular pattern of human oocytes subjected to freeze-thawing Stefania Annarita Nottola (Rome-Italy)
	Effects of environmental pollutants on cultured mouse oocytes and granulosa cells Maria Grazia Palmerini (L'Aquila-Italy)
	Ovarian reserve markers of women living in the Aral sea area Gulmira Zhurabekova (Aktobe-Kazakhstan)
	Clinical IVM and possible role in fertility preservation for cancerous patients Mohammad Ali Khalili (Yazd-Iran)
10:30 - 10:45	Coffee Break
10:45 - 12:00	Oral Presentations Chairs: Bülent Yalçın, Nihal Apaydın
	O-26 Implications of fibre orientation of the Achilles tendon on surgical rupture and repair Phil Blyth
	O-15 Relationship between concentration of alkaline phosphatase with bone destruction in periodontal disease patients Nila Kasuma
	O-44 The significance of dentition in maintaining the morphology of the human adult mandible Erin Hutchinson

- O-55** Association between the number of pregnancies and bone mineral density in postmenopausal women: is less better?
Ahmet Kalaycıoğlu
-
- O-61** Identifying the best position to reach the longest drill depth for anchor insertion in arthroscopic repair of slap lesion: a 3D reconstruction study
Abdul Veli İsmailoğlu
-
- O-88** The effects of different calcium concentration on osteocytes like MLOY4 cell
Baris Özgür Donmez
-
- O-57** Differentiation of bone marrow mesenchymal stem cells to germ cells by sertoli cells conditioned medium
Tayebeh Rastegar

12:00 - 13:30 **Lunch**

13:30 - 15:00 **Mini-Symposium / Body donation**
Chair: Beat M. Riederer

Body donations today and tomorrow
Beat M. Riederer (Lausanne–Switzerland)

Property issues of deceased
Erich Brenner (Innsbruck–Austria)

Body donation in Turkey - or how to set up a body donation program in Turkey
Ümit S. Şehirli (Istanbul–Turkey)

15:00 - 15:30 **Coffee Break**

Hall 3

09:00 - 10:00 **Oral Presentations**

Chairs: Cem Denk, Ahmet Kalaycıoğlu

O-35 Morphometric evaluation of long bones of the Caspian horse by radiography
Seifollah Dehghani Nazhvani

O-39 Carotid arteriography and jugular veinography in equine head
Seifollah Dehghani Nazhvani

O-65 The effect of high fat diet on the adrenal gland morphology
Fatma Topal

O-97 Effect of morphine-induced CPP on the number of neurons containing serotonin 5-HT_{2A} receptors in adult male rats' hippocampus
Rabieh Mohamadi

10:00 - 10:15 **Coffee Break**

6th September 2015

Post-Symposium Tours

Poster Hanging Days September, 2nd – 4th, 2015 (P-1 – P-163)

Please mount your poster to the place reserved on September 2nd and remove it by 15:00 o'clock on 4th of September

- P-1** Neurons from the adult human dentate nucleus
Maric D*, Milosevic N**, Grbatinic I***, Smiljenic D*, Krstonosic B*
Department of Anatomy, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia; **Department of Biophysics, Faculty of Medicine, University of Belgrade, Belgrade, Serbia; *Laboratory of Digital Image Processing, Faculty of Medicine, University of Belgrade, Serbia*
-
- P-3** Histo-morphological changes in bruises in human
Petrova I, Milenkova L, Kostovska N, Mitevska E, Gerasimovska Z
Institute For Histology and Embryology, Faculty of Medicine, Skopje, Macedonia
-
- P-3** Prompt response of the lymphoid tissue in Wistar rats' lungs after single dose dexamethasone application
Mitevska E, Gerasimovska Z, Petrova I, Kostovska N, Milenkova L
Institute for Histology and Embryology, Faculty of Medicine, Skopje, Macedonia
-
- P-4** Reactive changes of lymphoid tissue in the intestines wall after application of single high dose of dexamethasone
Gerasimovska Z, Mitevska E, Petrova I, Milenkova L, Kostovska N
Institute For Histology and Embryology, Faculty of Medicine, Skopje, Macedonia
-
- P-5** The O-linked N-acetylglucosamine containing epitope H (O-GlcNAcH) is present in the hypertrophic and absent in the resting/reserve chondrocytes in the ossification centers of human embryos
Zibis A, Nikoalou M, Nikolaou G, Arvanitis D
Department of Anatomy, University of Thessaly, Medical School, Larissa, Greece
-
- P-6** Integration of donor mesenchymal stem cell-derived neuron-like cells into host neural network in rat spinal cord transected
 Zeng YS
Department of Histology and Embryology, Zhongshan Faculty of Medicine, Sun Yat-sen University, Guangzhou 510080, China
-
- P-7** Decreased efferents of mesencephalic raphe nuclei to striatum in animal model of streptozocin-induced diabetes
Mokhtari T*, Hassanzadeh G*, Ghorbani R**, Bayat M***, Zendedel A*, Mohammadi Y*, Barzroodi M***
Department of Anatomy, Tehran University of Medical Sciences, Tehran, Iran; **Department of Anatomy, Kermanshah University of Medical Sciences, Kermanshah, Iran; *Department of Anatomy, Arak University of Medical Sciences, Arak, Iran*
-
- P-8** Could Melissa officinalis extract restore streptozotocin-induced spatial memory impairment in rats?
Sabbaghziarani F*, Rasapour S**, Mortezaee K*, Oryan S**, Sharifzadeh M***, Khanavi M***, Hassanzadeh G*
Department of Anatomy, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran; **Faculty of Biological Sciences, Khwarizmi University, Tehran, Iran; *Department of Pharmacology, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran*
-
- P-9** Aquaporin 4 (AQP4) is expressed in the stomach, small and large intestine of the pig
Arciszewski M*, Arciszewski MB*, Matysek M*, Szalac R*, Sienkiewicz W**
**Department of Animal Anatomy and Histology, Faculty of Veterinary Medicine, University of Life Sciences, Lublin, Poland; **Department of Animal Anatomy, Faculty of Veterinary Medicine, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland*
-
- P-10** Promastigotes of different species of Leishmania exhibit distinguishable morphology by scanning electron microscopy
 Fernandes MF**, Pires GA*, Rodrigues A**, Mateus DS**, Bolas AV**, Pedrosa ARS**, Passero LF***, Gomes GS**
CIISA-FCT-Faculty of Veterinary Medicine, University of Lisbon, Portugal; **Unidade De Ensino E Investigação De Parasitologia Médica, Global Health and Tropical Medicine, Instituto De Higiene E Medicina Tropical, Universidade Nova De Lisboa, Portugal; *Laboratório De Patologia De Moléstias Infeciosas, Faculdade De Medicina Da Universidade De São Paulo, Brazil*
-
- P-11** 3D Canine hepatocyte culture system modeling the Leishmania infantum liver infection
 Rodrigues A**, Pires GA*, Mateus DS**, Bolas AV**, Fernandes MF**, Pereira M**, Da Fonseca IP*, Gomes GS**
**CIISA-FCT-Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal; **Unidade De Ensino E Investigação De Parasitologia Médica, Global Health and Tropical Medicine, Instituto De Higiene E Medicina Tropical, Universidade Nova De Lisboa, Lisbon, Portugal*

- P-12** Leishmania infantum does not induce neutrophil extracellular traps in dogs
Pereira M**, Pires GA*, Bolas AV**, Camara M**, Mateus DS**, Rodrigues A**, Santos M*, Da Fonseca IP*, Gomes G**
CIISA-FCT-Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal; **Unidade De Ensino E Investigação De Parasitologia Médica, Global Health and Tropical Medicine, Instituto De Higiene E Medicina Tropical, Universidade Nova De Lisboa, Lisbon, Portugal; *Évora City Council, Municipal Veterinary Office, Évora, Portugal*
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- P-13** Localization of fast blue- and Dil-labelled efferent sympathetic neurons projecting to the thymus of the pig
Siembida AZ*, Kulik P***, Arciszewski M***
Department of Animal Anatomy and Histology, Faculty of Veterinary Medicine, University of Life Sciences, Akademicka, Lublin, Poland; **University of Life Sciences, Faculty of Veterinary Medicine, Department of Animal Anatomy and Histology, Lublin, Poland; *Department of Animal Anatomy and Histology, Faculty of Veterinary Medicine, University of Life Sciences, Akademicka, Lublin, Poland*
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- P-14** Nuclear morphometry of the steatotic hepatocytes and hepatocyte stimulated steatotic with infrared laser
Cornejo R*, Silva H*, Matamala F*
**Universidad De La Frontera, Temuco, Chile*
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- P-15** The microenvironment of the thymus of the Egyptian water buffalo (Bos bubalis)
Zidan M
Department of Histology and Cytology, Faculty of Veterinary Medicine, Alexandria University, Egypt
-
- P-16** Protective effects of melatonin against mitochondrial injury in a mouse model of multiple sclerosis
Rajabi Z*, Kashani IR*, Akbari M*, Hassanzadeh G*, Mohseni A*, Eramsadati MK*, Rafiee K**, Beyer C**, Kipp M***, Zendedel A*
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-
- P-17** Anatomically-anthropological study of cranial capacity from prehistoric to recent times at area of present-day Bosnia
Hadžihalilović AS*, Kulenović J*, Kulenović A*, Busuladžić A***, Hasanović A*
Department of Anatomy, Faculty of Medicine, University of Sarajevo, Bosnia & Herzegovina; **Department of Neurology, Public Institute General Hospital "Prim. Dr. Abdulah Nakaš", Sarajevo, Bosnia and Herzegovina; *Department of History-Archeology, Faculty of Philosophy, University of Sarajevo, Bosnia & Herzegovina*
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- P-18** Expression of calretinin in the claustrum and endopiriform nucleus of the chinchilla
Matysek M, Szalak R, Arciszewski MB
Department of Animal Anatomy and Histology, Faculty of Veterinary Medicine, University of Life Sciences, Akademicka, Lublin, Poland
-
- P-19** Immunoreactivity to calcium/calmodulin-dependent protein kinase II (CaMKII) in the hippocampus of the chinchilla
Mozel S, Matysek M, Szalak R, Arciszewski MB
Department of Animal Anatomy and Histology, Faculty of Veterinary Medicine, University of Life Sciences, Akademicka, Lublin, Poland
-
- P-20** Variations of sinoatrial and atrioventricular nodal arteries of the cardiac conduction system
Hasanović A, Kulenović A, Hadžihalilović AS
Department of Anatomy, Faculty of Medicine, University of Sarajevo, Bosnia & Herzegovina
-
- P-21** Index by Dancmajer's analysis dermatoglyphic pattern on the finger
Macut ND*, Malobabic S**, Mandić P*, Filipović T*, Saranović M*
**Department of Anatomy, Faculty of Medicine, University of Pristina and Kosovska Mitrovica, Serbia; **Department of Anatomy, Faculty of Medicine, University of Belgrade, Serbia*
-
- P-22** Study on variant anatomy of sciatic nerve and their clinical implications
İkiz ZAA, Bilge O, Üçerler H, Çelik S, Boduc E
Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
-
- P-23** Predictor models based on dermatoglyphic features in patients with schizophrenia
Popova FA*, Mantarkov M**, Sivkov S*, Akabaliev V**
**Department of Anatomy, Histology and Embryology, Faculty of Medicine, Medical University of Plovdiv, Plovdiv, Bulgaria; **Department of Psychiatry and Medical Psychology, Faculty of Medicine, Medical University of Plovdiv, Plovdiv, Bulgaria*
-

P-24 Slit1 expression in satellite glial cells is induced by neuronal contact

Zhao JH, Dong X, Zhang XF, Zhang HY, Zhang QP, Luo G, Ma ZJ, Yi XN
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P-25 Anatomic study and clinical significance of the extraforaminal ligaments at the cervical level

Ding Z, Shi B
Anatomical Institute of Minimally Invasive Surgery, Southern Medical University, Guangzhou, China

P-26 Infrared laser effect on GAP-43 expression in compression-related injury rat sciatic nerve

Matamala F*, Paredes M**, Lafuente L**, Iturriaga D**, Montiel E**, Cornejo R**
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P-27 Evaluation of morphologic and morphometric characteristic of foramen transversarium on 3-dimensional multidetector computed tomography angiography (MDCTA)

Telliöğlu AM*, Durum Y**, Gök M**, Karakaş S*, Polat AG*, Karaman CZ**
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P-28 Intensified expression of monocarboxylate transporter (MCT1) in the filopodia of growing endothelial cells in the brain

Kishimoto A, Zheng M, Iwanaga HT, Iwanaga T
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P-29 Macroscopic and microscopic alterations in TNBS-induced colitis adult female rats

Karaboğa İ*, Karaca T**, Demirtaş S**
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P-30 Expression of vascular endothelial growth factor (VEGF), transforming growth factor (TGF- β) and vascular density in hyperthyroidism-induced pregnant Wistar rats

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P-31 The protective effect of erdostein in experimental ovarian ischemia-reperfusion injury

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P-32 Comparative and correlative evaluation of dynamic and static balance with anthropometric measurements

Uzun A*, Şahin B*, Özdemir F*, Kabadayı M**, Gölpinar M*, Nahir M*, Birinci MC**
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P-33 Quercetine ameliorates methotrexate induced renal damage, apoptosis and oxidative stress in rats

Erboğa M*, Aktaş C*, Erboğa ZF*, Dönmez YB*, Gürel A**
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P-34 Thymoquinone ameliorates cadmium-induced nephrotoxicity, apoptosis and oxidative stress in rats is based on its antioxidant properties

Erboğa M*, Kanter M**, Aktaş C*, Şener Ü***, Erboğa ZF*, Dönmez YB*, Gürel A****
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- P-35** The immunohistochemical analysis of SPARC and VEGF in uterine and placenta tissues of hyperthyroid rats
Karabacak R, Karaca T
Department of Histology and Embryology, Faculty of Medicine, Trakya University, Edirne, Turkey
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- P-36** The soleus muscle with three heads
Durmaz MT, İkiz ZAA, Çelik S
Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
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- P-37** A pilot study of neo-angiogenesis and invasion of small cell lung cancer cell line (NCI-H146) using chicken embryo chorioallantoic membrane
Preisegolaviciute L, Valančiūtė A, Mozuraitė R
Department of Histology and Embryology, Lithuanian University of Health Sciences, Kaunas, Lithuania
-
- P-38** Histological effects of linear alkylbenzene sulphonanic acid (LABSA) on ovary tissue of zebrafish (*Danio rerio*)
Öztürk B, Işel Z, Fidan B, Güneş S, Alsaran M, Akbulut C, Genç H, Zengin M, Yön ND
Sakarya University
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- P-39** Histological effects of tribenuron methyl on gill tissue of zebrafish (*Danio rerio*)
Öztürk B, Şaş E, Alsaran M, Güneş S, Akbulut C, Yön ND
Sakarya University
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- P-40** Histological effects of tribenuron methyl on ovary tissue of zebrafish (*Danio rerio*)
Öztürk B, Öztürk C, Alsaran M, Güneş S, Akbulut C, Yön ND
Sakarya University
-
- P-41** Histological effects of linear alkylbenzene sulphonanic acid (LABSA) on liver tissue of zebrafish (*Danio rerio*)
Öztürk B, Güneş S, Alsaran M, Akbulut C, Genç H, Zengin M, Yön ND
Sakarya University
-
- P-42** Anatomical description of arterial segments in the *Mazama gouazoubira* kidney
Pereira KF*, Martins TMM*, Santos AQ**, Pereira DKS*, Cardoso JR***, Malysz T****, Lima FC*
Human and Comparative Anatomy Laboratory. Federal University of Goiás – Regional Jataí, Jataí – GO, Brazil; **Wild Animal Teaching and Researching Laboratory. Federal University of Uberlândia – MG, Brazil; *Wild Animal Researching Laboratory. Federal University of Goiás, Goiânia - GO, Brazil; ****Human and Comparative Anatomy Laboratory, Federal University of Rio Grande Do Sul, Porto Alegre – RS, Brazil*
-
- P-43** Effect of oral administration of *Salvia rhytidea* extract on histomorphometric changes of the hippocampus following experimental ischemia-reperfusion in rat
Tadjalli M, Haghjou R
Department of Anatomical Science, Faculty of Veterinary Medicine, Shiraz University, Shiraz, Iran
-
- P-44** Chondroitin sulfate proteoglycan expression in the lesioned goldfish spinal cord
Takeda A, Funakoshi K
Department of Neuroanatomy, Faculty of Medicine, Yokohama City University, Yokohama, Japan
-
- P-45** Navigational area of the cranio-orbital foramen and its significance in orbital surgery
Çelik S*, Kazak Z**, Özer MA*, Gövsa F*
**Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey; **Department of Anatomy, Faculty of Dentistry, Kırıkkale University, Kırıkkale, Turkey*
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- P-46** Coronary arterial anatomy of the one-humped camel (*Camelus dromedarius*)
Tadjalli M, Ghazi SR
Department of Anatomical Science, Faculty of Veterinary Medicine, Shiraz University, Shiraz, Iran
-
- P-47** Morphology of skeletal muscle-derived mesenchymal stem cells from humans and rats and their possible application in regenerative medicine
Varga I*, Miko M*, Polak S*, Danisovic L*
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- P-48** Scanning electron-microscopic study of the lingual papillae in newborn lambs
Tadjalli M
Department of Anatomical Science, Faculty of Veterinary Medicine, Shiraz University, Shiraz, Iran
-
- P-49** Immunocytochemicals melanocytic markers expression on nevos and melanomas of human skin biopsies
Molina B*, Paredes M***, Vasconcello A***, Pellon M***, Navarrete F***, Quilaqueo N***
Universidad De La Frontera, Dpto De Ciencias Basicas, Facultad De Medicina, Temuco, Chile; **Universidad De La Frontera; *Universidad De La Frontera, Temuco, Chile*
-
- P-50** Quantitative immunohistochemical study of estrogen receptor in endometrial tissue from high and low prolificacy sheep breeds
Paredes M*, Vasconcellos A**, Cisternas C**
**Research Laboratory Animal Biology, Faculty of Medicine, Universidad De La Frontera, Temuco, Chile; **Reproductive Biotechnology Center, CEBIOR, Universidad De La Frontera, Temuco, Chile*
-
- P-51** Congenital atlantoaxial fusion in camel (*Camelus dromedarius*): a case report
Paryani MZ*, Raad SB*
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- P-52** Role of accumbens BDNF in heroin-induced conditioned-place preference and naloxone precipitated withdrawal in rats
Li YX, Liang WM
Guizhou Medical University, Guiyang, China
-
- P-53** The relationship between the proximal femoral morphometric measurements and hip osteoarthritis
Karabulut Ö*, Karabulut Z**, Hatipoğlu EŞ*, İskenderoğlu AY*, Keskin İ*
**Department of Anatomy, Faculty of Medicine, Dicle University, Diyarbakır, Turkey; **Private Fizyopolitan Physiarty Branch Center, Diyarbakır, Turkey*
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- P-54** The morphological assesment of talocalcaneal joint in rheumatoid arthritis, based on MRI
Karabulut Ö*, Keskin İ*, İskenderoğlu AY*, Hatipoğlu EŞ*, Karabulut Z**
**Department of Anatomy, Faculty of Medicine, Dicle University, Diyarbakır, Turkey; **Private Fizyopolitan Physiarty Branch Center, Diyarbakır, Turkey*
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- P-55** Histopathological effects of linear alkyl benzene sulfonic acid (LABSA) on zebrafish (*Danio rerio*) gills
Öztürk B*, Güneş S*, Alsaran M*, Akbulut C*, Genç H*, Zengin M*, Yön ND*
Sakarya University
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- P-56** Determination of the density of neovascularization in invasive front in skin squamous cell carcinoma, with varying degrees of histological differentiation
Mazhenkovska LK*, Janevska V**, Basheska N***, Crvenkova S****, Petrushevska G**, Spasevska L**, Milenkova L*, Kostovska N*
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- P-57** Weight of the liver, spleen and kidneys regard to ethnic groups and body mass index in chilean individuals over 60 years old
Torrez J*, RiquelmeN**, Torrez F**, Binvginat O*, Olave E*
**Universidad De La Frontera, Temuco, Chile; **Universidad Mayor, Santiago, Chile*
-
- P-58** Morphological characteristics of recurrent artery of Heubner
Papazova M*, Dodevski A*, Lazarova D*, Zhivadinovik J*, Matveeva N*, Petrovska S**, Zafirova B*
**Institute of Anatomy, Medical Faculty, "Ss. Cyril and Methodius University", Skopje, Republic of Macedonia; **Institute of Medical Physiology and Anthropology, Medical Faculty, "Ss. Cyril and Methodius University", Skopje, Republic of Macedonia*
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- P-59** Comparison of preoperative temporal bone CT with intraoperative findings in patients with chronic otitis media
Madan G*, Turamanlar O*, Bucak A**, Acay MB***, Yıldız E**, Gönül Y*, Yusuf Gülsarı*
Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Otolaryngology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; *Department of Radiology, Faculty of Medicine, Afyon Kocatepe University Afyonkarahisar, Turkey*

- P-60** Culturing of primary chondrocytes and chondrosarcoma cells type SW 1353, in vitro
Dontchev V*, Hayvazov E**, Vasev S**, Konstantinov S****, Momekov G***, Ilieva J***, Stefanova E*, Landzhov B*
Department of Anatomy and Histology, Faculty of Medicine, Medical University of Sofia, Bulgaria; **Department of Orthopaedics and Traumatology, Hospital; *Department of Pharmacology, Pharmacotherapy, Toxicology, Faculty of Pharmacy, Medical University of Sofia, Bulgaria*
-
- P-61** Absence of right posterior communicating artery
Şekerci R*, Sindel M*, Özgür Ö**, Aytaç G*, Sindel T**
**Department of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey **Department of Radiology, Faculty of Medicine, Akdeniz University, Antalya, Turkey*
-
- P-62** Histological effects of mancozeb on intestinal tissue of zebrafish (*Danio rerio*)
Öztürk B*, Güneş S*, Alsarın M*, Kaymak G*, Kayhan FE**, Akbulut C*, Yön ND*
**Sakarya University; **Marmara University*
-
- P-63** Double popliteal vein with double adductor hiatus: a case report
Candan B, Öztürk K, Sulak O, Albay S
Department of Anatomy, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey
-
- P-64** The effect of hyperbaric oxygen therapy on Fos expression in spinal cord neurons following spinal cord injury
Ertürk M*, Keser A**, Sengül G*, Dağcı T**, Aydın F***
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-
- P-65** Comprehensive evaluation philtral morphology in Turkish young adults
 Bağheri H, Şirintürk S, Gövsa F, Pınar Y, Özer MA
Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
-
- P-66** The protective role of chrysin on harmful effects of formaldehyde on the development of kidney in rat fetuses; a histopathologic study
 Cuglan S*, Yıldız A**, Sapmaz HI***, Vardı N**, Köse E*, Ekinci N****
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-
- P-67** The osteoclastic activity using local platelet-rich plasma (PRP) injection on the tooth movement in rats: a histomorphometrical study
 Kovan A**, Cumbul A*, Uslu Ü*, Bölükbaşı BÇ**
**Department of Histology and Embryology, Faculty of Medicine, Yeditepe University, İstanbul, Turkey; **Department of Orthodontics, Faculty of Dentistry, Marmara University, İstanbul, Turkey*
-
- P-68** Computerized analysis of anatomic landmarks bony palate for palatine nerves block anesthesia
Çagimni P*, Gövsa F*, Özer MA*, Kazak Z**
**Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey; **Faculty of Dentistry, Kırıkkale University, Kırıkkale, Turkey*
-
- P-69** Impaired presynaptic neurotransmitter release and synaptic plasticity in inducible inositol 1, 4, 5-triphosphate 3-kinase a-overexpressing transgenic mice
Choi B, Kim JY, Lee HW, Kim H
Department of Anatomy, College of Medicine, Korea University, Seoul, Korea
-
- P-70** The role of dextrose solutions used for prolotherapy and platelet rich plasma in cell morphology and gene expression levels
Çoban ZD*, Karasimav Ö**, Güran Ş*
**Department of Medical Biology, Gülhane Military Medical Academy, Ankara, Turkey; **Department of Sports Medicine, Gülhane Military Medical Academy Ankara, Turkey*
-
- P-71** The cytotoxic effect of folic acid on prostate cancer cells
Çoban ZD*, Babayigit MA**, Güran Ş*
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P-72 Molecular view to the effect of centaury oil on wound healing

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P-73 Embryonic stem cell (ESC) differentiation pathway on ion implanted surfaces

Sokullu E*, Öztarhan A**, Dağcı T***, Keser A***, Gözen O***, Şengül G***, Ertürk M****

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P-74 Anti-apoptotic and anti-oxidant effects of caffeic acid phenethyl ester on cadmium-induced testicular toxicity in rats

Dönmez YB*, Erboğa M*, Kanter M**, Aktaş C*, Erboğa ZF*, Aktaş E***, Gürel A****

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P-75 Thymoquinone as a nephroprotective agent against doxorubicin-induced renal toxicity in rats

Dönmez YB*,**, Erboğa M**, Aktaş C**, Erboğa ZF**, Aktaş E***, Gürel A****

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P-76 Baddeley's working memory model

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P-77 Investigation of the protective effect of acetylsalicylic acid against central nervous system damage caused by rotenone

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P-78 Effects of selenium and melatonin on cadmium-induced damage in rat lungs

Candan İA, Bayram D, Özgöçmen M

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P-79 The role of alpha lipoic acid as an antioxidant on smoking-induced skin damage

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P-80 The accessory pectoral muscle variation during cadaver dissection: a case report

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P-81 Protective role of alpha lipoic acid against polychlorobiphenyl (Aroclor 1254)-induced testicular toxicity in rats

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P-82 The effect of vitamin E on kidney in bisphenol A-exposed rats

Yıldız M*, Güleş Ö**, Boyacıoğlu M***, Kum Ş**

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- P-83** Investigation of Vaccinium myrtillus's antioxidant effects in experimental diabetic rat model
 Savaş HB*, Türkkan A**, Yavuz B**, Yiğit A***, Uz E*, Bayram NA****, Kale B*****
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- P-84** The prophylactic effects of viscum album in streptozotocin-induced diabetic rats
 Türkkan A**, Savaş HB*, Yavuz B**, Yiğit A***, Uz E*, Bayram NE****, Kale B*****
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- P-85** Carnosine effects to the number of Purkinje cells in cerebellum following exposure to 900 MHz electromagnetic field
 Arslan A*, Acer N*, Ocak H**, Sönmez MF***, Kesici H****, Ertekin T*, Akargöl S*, Dağdelen U*****, Saracoğlu ÖG*****
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- P-86** Quantitative evaluation of normal aqueductal cerebrospinal fluid flow using phase-contrast cine MRI according to age and sex
 Öner Z*, Kahraman AS**, Köse E***, Öner S****
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- P-87** Anti-inflammatory, antioxidant and anti-apoptotic effects of interleukin-18 binding protein pretreatment on remote organ kidney damage induced by hepatic ischemia reperfusion injury
 Gönül Y*, Özsoy M**, Koçak A***, Özkeçeci ZT**, Karavelioğlu A****, Bozkurt M.F*****, Çartılı O*, Keleş İ*****, Koçak H*****, Çelik S*****
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- P-88** The effects of IL-18BP on mRNA expression of inflammatory cytokines and apoptotic genes in renal ischemia reperfusion injury
 Gönül Y*, Genç A**, Ahsen A***, Bal A****, Hazman Ö****, Toktaş M*****, Ulu MS**, Özdiç Ş*****, Songür A*
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- P-89** Effects of electromagnetic radiation exposure on bone mineral density, thyroid nodule and oxidative stress index in electrical workers
 Kunt H*, Şentürk İ**, Gönül Y***, Ahsen A****, Korkmaz M****, Hazman Ö****, Bal A*****, Genç A*****, Songur A***
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- P-90** Evidences of attenuation of remote organ kidney injury induced by hepatic ischemia reperfusion with Pringle maneuver following interleukin-18 binding protein pre-treatment
 Gönül Y*, Kazandı S*, Koçak A**, Ahsen A***, Bal A****, Karavelioğlu A*****, Hazman Ö*****, Turamanlar O*, Kokulu S*****, Yüksel S*
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- P-91** Histology in examination of three-dimensional cultures
 Mokry J, Hrebikova H, Cizkova D, Chvatalova J, Pisal R
 Department of Histology and Embryology, Medical Faculty in Hradec Kralove, Charles University in Prague, Hradec Králové, Czech Republic
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- P-92** Localization of p62 and NBR1 in cathepsin D - deficient neurons
 Yamaguchi J*, Nanao T*, Shibata M**, Uchiyama Y*
 *Department of Cellular and Molecular Neuropathology, Juntendo University, Tokyo, Japan; **Department of Neuroanatomy, Kagoshima University Graduate Faculty of Medicine and Dental Sciences, Kagoshima, Japan
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- P-93** The investigation of the role of KCBJ11 gene in the development of gestational diabetes
 Bozkurt S*, Arıkoğlu H*, Baldane S**, İşciöğlü F***
 *Department of Medical Biology, Faculty of Medicine, Selçuk University, Konya, Turkey; **Department of Endocrinology, Faculty of Medicine, Selçuk University, Konya, Turkey; ***Department of Statistics, Faculty of Science, Ege University, İzmir, Turkey
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- P-94** Protective effects of urtica dioica on testicular torsion/detorsion-induced ischaemia-reperfusion injury in rats
 Aktaş C*, Erboğa M*, Topçu B**, Erboğa ZF*, Dönmez YB*
 *Namık Kemal University, Faculty of Medicine, Department of Histology and Embryology, Tekirdağ, Turkey; **Namık Kemal University, Faculty of Medicine, Department of Biostatistics, Tekirdağ, Turkey
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- P-95** Protective effects of curcumin on formaldehyde induced hepatotoxicity and oxidative stress in rats
 Aktaş C*, Bali İ**, Yıldırım O***, Gelincik İ****, Bali C*****, Emir S**, Turan C.B*****, Erboğa M*****
 Aktaş C*****
 Gürel A*****
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- P-96** Effect of calcium dobesilate on the expression of vascular endothelial growth factor (VEGF) in a rat model of ovarian hyperstimulation syndrome (OHSS)
 Aktaş C*, Kanter M**, Tulubas F***, Topçu B****
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- P-97** Morphological study of the muscle content in persian leopard (*Panthera pardus saxicolor*) esophagus
 Sadeghinezhad J*, Ashgriz N*, Babaei M*, Hamid N*, Memarian I**
 *Department of Basic Sciences, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran; **Pardisan Park, Tehra, Iran
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- P-98** The effects of omega-3 on the renal parenchyma unilateral ureteral obstruction in rat
 Fırat F**, Kesici H*, Karaca Zİ*, Kesici E***, Karaca MO****, Aslan H*
 *Department of Histology and Embryology, Faculty of Medicine, Gaziosmanpaşa University, Tokat, Turkey; **Department of Urology, Tokat State Hospital, Tokat, Turkey; ***Department of Physical Medicine and Rehabilitation, Faculty of Medicine, Gaziosmanpaşa University, Tokat, Turkey; ****Department of Anesthesiology and Reanimation, Niksar State Hospital, Tokat, Turkey

- P-99** Evaluation of adrenal glands volume in acromegalic patients: a stereologic study
Kızılkın N*, Tabur S**, Kervancıoğlu S***, Savaş E****, Korkmaz H**, Erbağcı H*****
Department of Anatomy, Faculty of Medicine, Gaziantep University, Gaziantep, Turkey; **Department of Endocrinology, Faculty of Medicine, Gaziantep University, Gaziantep, Turkey; *Department of Radiology, Faculty of Medicine, Gaziantep University, Gaziantep, Turkey; ****Department of Internal Medicine, Faculty of Medicine, Gaziantep University, Gaziantep, Turkey; *****Department of Anatomy, Faculty of Medicine, Zirve University, Gaziantep, Turkey*
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- P-100** Investigation of effect of BQ123 on testis in rats after ischemia-reperfusion injury
Karaca Zİ*, Kesici H*, Karaca MO**, Kesici E***, Erdemir F****, Aslan H*
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- P-101** Morphological and topographical anatomy of nutrient foramina in human patella bones and their surgical importance
Oğuz N, Gürçay S, Önder M
Department of Anatomy, Faculty of Medicine Akdeniz University, Antalya, Turkey
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- P-102** Gastrosplenic trunk and anatomic variations of the hepatic arterial system
Fazlıoğulları Z*, Gün C*, Nayman A**, Koplay M**, Uysal İİ*
**Department of Anatomy, Faculty of Medicine, Selçuk University Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey*
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- P-103** Brain tissue plasticity in high fat diet fed and fasting rats
 Yay A*, Gölgele A**, Yalçın B*, Yazgan K**, Keklik E**, Başaran KE**, Hatipoğlu N***
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- P-104** The ameliorating effect of Saint John's wort on 5-fluorouracilinduced ileum and colon
Bülbül N*, Aykaç A**, Cetinel S*, Şehirli A.O***
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- P-105** Effects of the monosodium L-glutamate BMI and visceral organs in male and female rats
 Yazgan K**, Gölgele A**, Yalçın B*
**Department of Histology and Embryology, Faculty of Medicine, Erciyes University, Kayseri, Turkey; **Department of Physiology, Faculty of Medicine, Erciyes University, Kayseri, Turkey*
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- P-106** Morphometric investigation of the orbitofrontal cortex
Güner N, Kafa İM
Department of Anatomy, Faculty of Medicine, Uludag University, Bursa, Turkey
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- P-107** The effect of estrogen treatment on eccentric exercise-induced damage in rat kidneys
 Gerek Z**, Malkoç İ*, Parlak SN***
Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Physical Education and Sports Sciences, Physical Education and Sport Academy, Atatürk University, Erzurum, Turkey; *Department of Embryology and Histology, Faculty of Medicine, Atatürk University, Erzurum, Turkey*
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- P-108** JNK and IL-6 interaction in diabetic rat testes
Dönmez YB*, Kızılay G***, Metin MS****, Kara M*****
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P-109 Evaluation of the diameters of common carotid artery and internal carotid artery by angiography

Karacan K*, Akcaalan M*, Karacan A**, Acar BA***, Varım C****, Can Y****, Vatan MB****, Aksoy NM****, Mansız S**, Akdemir R****

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P-110 In-vivo examination of the relationship between estrogen receptors and microtubule dynamics

Karameşe SA**, Karameşe M***, Karakuş E****, Malkoç İ*, Bünyami Ü****, Cemal G****

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P-111 The protective effects of beta-carotene against ischemia/reperfusion injury in rat ovarian tissue

Karameşe SA**, Toktay E***, Ünal D***, Selli J***, Karameşe M****, Malkoç İ*

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P-112 Tractography of the brain white matter tracts with DTI Studio method

Soysal H*, Acer N**, Öktem H*, Kürkcüoğlu A*, Pelin C*

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P-113 Morphometric analysis of the tibial plateau in Turkish population

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P-114 Caecum location in laboratory rats and mice: an anatomical and radiological study

Uysal M*, Gül SS**, Karaman S***, Taş U*, Sapmaz HI*, Uysal F****, Aytakin K****, Tümer MK****

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P-115 Effects of modafinil on learning and memory in Wistar albino and WAG/Rij rats

Özyurt B*, Çakıl D**, Uysal M*, Aygün H***, Özsoy Ş***, Çiçek M*

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P-116 Immunohistochemical investigation of aquaporin 3 expression in meniscus tissue

Uysal M*, Sapmaz HI*, Ocaklı S**, Bıçakçı H***, Açıkgöz R****, Taş U*

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P-117 Investigation of the spinal perineural (Tarlov) cyst incident by magnetic resonance imaging method

Taş AD*, Uysal M*, Aytakin K**, Altunkaş A***, Sapmaz HI*, Taş U*, Özyurt B*

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P-118 The comparative effects of low and high doses of melatonin on spatial memory in Wistar albino and WAG/Rij rats

Özyurt B, Uysal M, Çiçek M, Sapmaz HI, Taş U

Department of Anatomy, Faculty of Medicine, Gaziosmanpaşa University, Tokat, Turkey

- P-119** The effect of septal deviation that affects the palatum durum on the maxillary sinus volume
Sapmaz E*, Kavaklı A**, Sapmaz HI***, Ögetürk M**
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- P-120** The effect of use of hesperidin and diosmin on necrotizing enterocolitis: an experimental study
Şenel U*, Tanrıverdi Hİ*, Sapmaz HI**, Akbaş A***, Gevrek F****, Uysal M**, Taş U**
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- P-121** The effects of carvedilol on ischemia/reperfusion model: biochemical, histopathological and immunohistochemical evaluation
Özsoy AZ*, Nursal AF**, Arıcı A***, Bütün İ****, Uysal M*****, Sapmaz HI*****, İşgüder ÇK*, Doğru HY*, Taş U*****
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- P-122** Natural eyebrow profile to be used in reconstructive surgery
Atalay FN**, Arga Ö**, Tektas B**, Bülbül YE**, Yazıcı M**, Turgut S**, Öztuna D**, Esmer AF*
Ankara University Faculty of Medicine, Department of Anatomy, Ankara, Turkey; **Ankara University Faculty of Medicine, Ankara, Turkey; *Ankara University Faculty of Medicine, Department of Biostatistics, Ankara, Turkey*
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- P-123** The histological effect of Cnidioscolus aconitifolius aqueous leaf extracts on the architecture of the ovary, testis and sperm cells of adult Wistar rats
Ebeye O*,** , Ekundina V***, Miracle Ekele CM**, Eboh D**
Department of Anatomy, Delta State University Abraka, Nigeria; **Department of Anatomy, Delta State University Abraka, Nigeria; *Department of Medical Laboratory Science, Afe Babalola University, Ado-Ekiti, Nigeria*
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- P-124** Morphometry of the transverse foramina
İstanbuluoğlu S*, Öztürk K*, Coskun G*, Eker C*, Sakal B*, Yavuz Y**, Esmer TŞ*, Esmer AF*
**Department of Anatomy, Faculty of Medicine, Ankara University, Ankara, Turkey; **Department of Biostatistics, Faculty of Medicine, Ankara University, Ankara, Turkey*
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- P-125** Elbow pain during coughing
Aytekin K*, Uysal M**, Balta O***, Kurnaz R****, Sapmaz HI**, Taş U**
Department of Orthopedics and Traumatology, Faculty of Medicine, Giresun University, Giresun, Turkey; **Department of Anatomy, Faculty of Medicine, Gaziosmanpaşa University, Tokat, Turkey; *Department of Orthopedics and Traumatology, Zile State Hospital, Tokat, Turkey; ****Department of Orthopedics and Traumatology, Acibadem Eskişehir Hospital, Eskişehir, Turkey*
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- P-126** The impact of curcumin, resveratrol and the combination on experimental myringosclerosis development
Gürbüzler L*, Kesici H**, Somuk BT*, Karaca Zİ**, Soyalcı H*, Akbaş A***, Doğru S****, Aksakal C*****, Aslan H**
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- P-127** Investigation of volumetric changes of the thalamus in schizophrenia patients by stereological method
Songur A*, Özbek H*, Cartıllı Ö*, Coşkun K.Ş**, Gönül Y*, Kaçar E**
Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Psychiatry, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; *Department of Radiology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey*
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- P-128** An easy and effective methodology in defining the estrous cycle in mice
Çoban ZD*, Kayır H**, Baykal B***, Altaylı E*, Güran Ş*
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P-129 Architectural comparison of jaw muscles in three species of raptorsWang H, Liu X, Liu W, Zhang Z*College of Life Sciences, Capital Normal University, Beijing, China***P-130** Protective effects of propolis on methotrexate-induced testis injury in ratSönmez MF*, Çilenk KT*, Karabulut D*, Ünalmiş S, Deligönül E, Öztürk İ, Kaymak E***Department of Histology and Embryology, Erciyes University Faculty of Medicine, Kayseri, Turkey; **Department of Histology and Embryology, Fatih University Faculty of Medicine, İstanbul Turkey; ***Department of Food Engineering, Erciyes University, Faculty of Engineering, Kayseri, Turkey***P-131** Effects of 17-beta estradiol on the endothelial function in the male rats; immunohistochemical studyDursunoğlu D*, Erdoğan E*, Ayaz M****Department of Histology-Embryology, Selçuk University, Faculty of Medicine, Konya, Turkey; **Department of Biophysics, Selçuk University, Faculty of Medicine, Konya, Turkey***P-132** 3D (3-Dimensional) evaluation of the ischemic penumbraÇıtışlı V**, Onur S*, Acar F**, Özdemir M**, Kiroğlu Y***, Erdoğan Ç****, Özdemir MB***Department of Anatomy, Pamukkale University, Faculty of Medicine, Denizli, Turkey; **Department of Neuro Surgery, Pamukkale University, Faculty of Medicine, Denizli, Turkey; ***Department of Radiology, Pamukkale University, Faculty of Medicine, Denizli, Turkey; ****Department of Neurology, Pamukkale University, Faculty of Medicine, Denizli, Turkey***P-133** Myocardial bridgingKara A*, Karaca L**, Keleş P*, Fil F*****Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Radiology, Faculty of Medicine, Atatürk University, Erzurum, Turkey; ***Department of Radiology, Regional Training and Research Hospital, Erzurum, Turkey***P-134** Chemo brain; Pamukkale University Pilot Study IDoğu GG**, Herek D***, Demiray AG**, Taskoğlu BY**, Yaren A**, Çıtışlı V****, Onur S*, Özdemir MB***Department of Anatomy, Pamukkale University, Faculty of Medicine, Denizli, Turkey; **Department of Medical Oncology, Pamukkale University, Faculty of Medicine, Denizli, Turkey; ***Department of Radiology, Pamukkale University, Faculty of Medicine, Denizli, Turkey; ****Department of Neurosurgery, Pamukkale University, Faculty of Medicine, Denizli, Turkey***P-135** The regional and temporal characters of de- and remyelination processes in cuprizone induced demyelination animal modelZhang Y, Fan K, Ma J*Department of Anatomy of Dalian Medical University, Dalian, China***P-136** Short and long effects of mesenchymal stem cell administrations on the experimental cirrhosis modelVatansever HS**, Akmaz B*, Bilekyiğit C***, Aslan E*, Gökalp S*, Mansoub NH****, Ercan G******Department of Histology and Embryology, Faculty of Medicine, Celal Bayar University, Manisa, Turkey; **Department of Histology and Embryology, Faculty of Medicine, Celal Bayar University, Manisa, Turkey & Research Center of Experimental Health Science, North Cyprus; ***Faculty of Medicine, Celal Bayar University, Manisa, Turkey; ****Department of Biochemistry, Faculty of Medicine, Ege University, İzmir, Turkey***P-137** Topographic anatomy of the azygos venous system: a cadaveric studyKılıç C**, Fazlıoğulları Z*, Yazar F**, Karabulut AK***Department of Anatomy, Selçuk University Faculty of Medicine, Konya, Turkey; **Department of Anatomy, Faculty of Medicine, Gülhane Military Medical Academy, Ankara, Turkey***P-138** Double superior vena cava: a demonstration with MDCTFazlıoğulları Z*, Koplay M**, Nabi G*, Gün C***Department of Anatomy, Faculty of Medicine, Selçuk University Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey***P-139** Nanoparticulate BDNF protective effect in modeled Parkinson's diseaseSyazli RWAKW*, Alyautdin R**, Kapitonova M*, Ullah M***, Khlebnikov V****, Halim ST*, Ahmad A*, İsmail N***Faculty of Medicine, Universiti Teknologi MARA (UiTM), Shah Alam, Selangor, Malaysia; **Scientific Centre For Expertise of Medical Application Products, Moscow, Russia; ***Faculty of Dentistry, Universiti Teknologi MARA (UiTM), Shah Alam, Selangor, Malaysia; ****Kulliyah of Medicine, IIUM, Kuantan, Malaysia; Volgograd State Medical University, Russia*

- P-140** The incidence of zygomatico-facial, zygomatico-orbital and zygomatico-temporal foramina
Babacan S, Güner N, Tuncel N, Kafa İ
 Department of Anatomy, Faculty of Medicine, Uludag University, Bursa, Turkey
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- P-141** Oct 3/4 gene silencing in mouse embryonic stem cell and the effects of this gene silencing on embryonic stem cells
Çoban ZD*, Güran Ş*, Ural AU**
 Department of Medical Biology, Gülhane Military Medical Academy, Ankara, Turkey; **Department of Hematology, Gülhane Military Medical Academy & Bayındır Hospital Bone Marrow Transplantation Unit, Ankara, Turkey
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- P-142** Which method is gold standard for determination of thyroid volume?
İmre N*, Acer N**, Apaydın N***, Güvenç İ****, Zararsız G*****
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- P-143** Measurement of the aortic root in young healthy Turkish men
İmre N*, Tunç E**
 *Department of Anatomy, Gülhane Military Medical School, Ankara, Turkey; **Department of Cardiology, İzmir Military Hospital, İzmir, Turkey
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- P-144** The effect of cyclooxygenase system of acetaminophen induced hepatotoxicity development
 Uslu Ü*, Kolgazi M**, Cumbul A*, Özdağ Y*, Yüksel M***, Ögünç AV***, Erhan F****, Alican İ*****
 *Department of Histology and Embryology, Faculty of Medicine, Yeditepe University, İstanbul, Turkey; **Department of Physiology, Faculty of Medicine, Aciadem University, İstanbul, Turkey; ***Department of Biochemistry, Vocational Faculty of Health Related Professions, Marmara University, İstanbul, Turkey; ****Department of Histology and Embryology, Faculty of Medicine, Marmara University, İstanbul, Turkey; *****Department of Physiology, Faculty of Medicine, Marmara University, İstanbul, Turkey
-
- P-145** Morphometric study of the anatomic structures belong to vertebrae and clinical evaluation: an anatomical study
 Desdicioğlu K, Öztürk KE, Çizmeci G, Malas MA
 Department of Anatomy, Faculty of Medicine, Katip Çelebi University, İzmir, Turkey
-
- P-146** The relationship between morphometry of internal auditory canal and temporal bone pathologies of the patients with chronic otitis media
Turamanlar O*, Akbal İ*, Acay MB**, Ünlü E**, Gönül Y*, Cartıllı Ö*, Ulu Ş***
 *Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Radiology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; ***Department of Otolaryngology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey
-
- P-147** The effect of post-fixation on visualization of vimentin in retina with immunofluorescence method
Baykal B*, Korkmaz C**, Kocabıyık N***, Ceylan OM****
 *Department of Histology and Embryology, Gülhane Military Medical Academy, Ankara, Turkey; **Department of Obstetrics and Gynecology, Gülhane Military Medical Academy, Ankara, Turkey; ***Department of Anatomy, Gülhane Military Medical Academy, Ankara, Turkey; ****Ophthalmology Service, Medical Park Hospital, Ankara, Turkey
-
- P-148** The use of propidium iodide as a nuclear counter-stain for the marking of degenerated neurons with fluoro-jade
Baykal B*, Arslan M**, Kayır H***, Korkmaz C****, Unay B**
 *Department of Histology and Embryology, Gülhane Military Medical Academy, Ankara, Turkey; **Department of Pediatric Neurology, Gülhane Military Medical Academy, Ankara, Turkey; ***Department of Medical Pharmacology, Gülhane Military Medical Academy, Ankara, Turkey; ****Department of Obstetrics and Gynecology, Gülhane Military Medical Academy, Ankara, Turkey
-
- P-149** Investigation of the effect of kinesiology tape applied to gastrocnemius muscle on the vertical jump height
 Köse ED*, Taş U*, Uysal M*, Aytekin K**, Kılınç F***, Sapmaz HI*, Özyurt B*
 *Department of Anatomy, Faculty of Medicine, Gaziosmanpaşa University, Tokat, Turkey; **Department of Orthopedics and Traumatology, Faculty of Medicine, Giresun University, Giresun, Turkey; ***Faculty of Physical Education and Sport, Süleyman Demirel University, Isparta, Turkey
-
- P-150** Evaluation of structures and their interrelations associated with lateral epicondylitis: an anatomic study
Öztürk H, Gilan İY, Öztürk NC
 Department of Anatomy, Mersin Faculty of Medicine, Mersin University, Mersin, Turkey

P-151 Evaluation of subcutaneous fat tissue (SFT)

Engin Y, Kapakin S

Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey

P-152 Morphological features of florid cemento-osseous dysplasia

Köse TE*, Özcan İ*, Balcıoğlu HA*

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P-153 Can we estimate body mass index from the wrist anthropometric measurements?

Demir M*, Avnioğlu S**, Gülaçtı MM***, Atay E****

Department of Anatomy, Faculty of Medicine, Sütçü İmam University, Kahramanmaraş, Turkey; **High Faculty of Health, Sütçü İmam University, Kahramanmaraş, Turkey; *Vocational High Faculty of Health Services, Sütçü İmam University, Kahramanmaraş, Turkey; ****Vocational High Faculty of Health Services, Kilis 7 Aralık University, Kilis, Turkey*

P-154 Cellular degeneration and apoptosis of the liver caused by chronic stress: an immunohistochemical study in a rat model

Özbek E**, Özbek A***, Demirci T*

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P-155 Histological effects of fluoxetine on intestinal tissue of zebrafish (*Danio rerio*)

Öztürk B*, Güneş S*, Alsarın M*, Kaymak G*, Kayhan FE**, Akbulut C*, Yön ND*

**Sakarya University; **Marmara University*

P-156 The effect of obesity on microscopic structure of the cornea

Özbek E**, Demirci T*, Salman İ***

Department of Histology and Embryology, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Histology and Embryology, Faculty of Medicine, Sakarya University, Sakarya, Turkey; *Department of Eye Diseases, Faculty of Medicine, Atatürk University, Erzurum, Turkey*

P-157 Determination of GAT1 expression using immunocytochemical staining method on the stress-exposed rat sperm

Demirci T*, Özbek E**

**Department of Histology and Embryology, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Histology and Embryology, Faculty of Medicine, Sakarya University, Sakarya, Turkey*

P-158 Morphological changes of the granulosa cells of mice under the of hexachlorocyclohexane (Lindane) influence

Balmagambetova A*, Palmerine MG**, Macchiarelli G**, Nottola SA***, Zhurabekova G*

Department of Normal and Topographical Anatomy, West Kazakhstan Marat Ospanov State Medical University, Aktobe, Kazakhstan; **Department of Life, Health and Environmental Sciences and Center of Electron Microscopies, University of L'Aquila, L'Aquila, Italy; *Department of Anatomy, Histology, Forensic Medicine and Orthopaedics, Laboratory of Electron Microscopy "Pietro M. Motta", University La Sapienza, Rome, Italy*

P-159 What happens in pancreas morphology of the mice fed with high fat diet?

Ortadeveci A*, Topal F**, Peker H*, Aydar Y*, Yücel F* Peker S***

Department of Anatomy, Faculty of Medicine, Eskişehir Osmangazi University, Eskişehir, Turkey; **Bilecik Şeyh Edebali University, Vocational High Faculty of Health Services, Bilecik & Eskişehir Osmangazi University, Institute of Medical Sciences, Eskişehir, Turkey; *Department of Histology and Embryology, Veterinary Faculty, Uludağ University, Bursa, Turkey*

P-160 Growth impairment of renal and hepatic parenchymal cells in cathepsin D-deficient mice

Suzuki C*, Yamaguchi J1, Shibata M***, Uchiyama Y**

Department of Cell Biology and Neuroscience, **Cell and Molecular Neuropathology, Juntendo University Graduate Faculty of Medicine, Tokyo, Japan, *Department of Morphological Science, Kagoshima University Graduate Faculty of Medicine, Kagoshima Japan*

P-161 An optimisation attempt for fiber dissection technique

İlgaz HB*, Sargon MF*, Tatar İ*, Urfalı B**, Özkan S***

Department of Anatomy, Faculty of Medicine, Hacettepe University, Ankara, Turkey; **Department of Neurosurgery, Faculty of Medicine, Mustafa Kemal University, Hatay; *Scientific and Technological Research Labs, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkey*

- P-162** The study of undifferentiated and differentiated gene expression in neonatal mouse spermatogonia stem cells followed by coculture with Sertoli cells
 Khanehzad M*, Abolhasani F*, Koruji SM**, Kashani IR*, Fereshteh A*, Mohamadi Y*
**Department of Anatomy, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran ; **Department of Anatomy, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran*

- P-163** The anatomy of the fovea capitis femoris
 Perumal V**, Woodley S***, Nicholson H*
Department of Anatomy, Otago Faculty of Medical Sciences, University of Otago, New Zealand; **Department of Anatomy, Otago Faculty of Medical Sciences, University of Otago, New Zealand; *Department of Anatomy, Otago Faculty of Medical Sciences, University of Otago, New Zealand*

Poster Hanging Days September, 4th – 6th, 2015 (P-164 – P-327)

Please mount your poster to the place reserved after 15:00 o'clock on September 4th and remove it by 17:00 o'clock on 6th of September

- P-164** The sphenoid emissary foramen
Parra JED*, Ríos JB**, Martínez DMS**
**Universidad Autonoma De Manizales & Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia; **Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia*

- P-165** Canal for abducens nerve: a constancy in human gross anatomy
Parra JED*, Ríos JB**, Zuluaga JM*
**Universidad Autonoma De Manizales & Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia; **Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia*

- P-166** The determination of correlation between stature and upper limb and hand measurements in Iranian adults
Mahakizadeh S, Moshkdanian G, Ghoroghi FM, Mokhtari T, Hassanzadeh G
Department of Anatomy, Tehran University of Medical Sciences (TUMS), Tehran, Iran

- P-167** Comparative anthropometric analysis of facial dimensions and shapes in Qazvin, Iran and Dera Ghazi Khan, Pakistan residents
Yousefi P, Hassanzaded G
Department of Anatomy, Tehran University of Medical Sciences (TUMS), Tehran, Iran

- P-168** The effect of integrated teaching method on learning anatomy course in medical students of Guillaan University of Medical Sciences
Faghani M*, Mesbah M**
**Anatomical Sciences Department, Faculty of Medicine, Guilan University of Medical Sciences, Rasht, Iran; **Faculty of Medicine, Guilan University of Medical Sciences, Rasht, Iran*

- P-169** Anatomic description of the apparent origin of the plexus braquial of the Cercocyon thous: a preliminary study
Parra JED*, Giraldo JC**, Vélez GJF***
Universidad Autonoma De Manizales & Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia; **Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia; *Departamento De Salud Animal, Facultad De Ciencias Agropecuarias, Universidad De Caldas En Convenio Con Corpocaldas, Manizales, Colombia*

- P-170** Quantitative assessment and description of apparent origin of glossopharyngeal, vagus and accessory nerve in the human brain stem
Parra JED*, Blanco YQ**, Pineda EP***, Ríos JB****
Universidad Autonoma De Manizales & Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia; **Departamento De Anatomía, Facultad De Medicina, Universidad De Ciencias Aplicas Y Ambientales, Bogotá, Colombia; *Departamento De Anatomía, Facultad De Medicina, Universidad De Ciencias Aplicas Y Ambientales, Bogotá, Colombia; ****Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia*

P-171 Prevalence of pneumatized uncinate process and accompanying neighboring variations

Giün C*, Yenigün A**, Uysal İ***, Keleş MK****, Nayman A*

*Department of Radiology, Selçuklu Faculty of Medicine, Selçuk University, Konya, Turkey; **Department of Otorhinolaryngology, Faculty of Medicine, Bezmialem Vakıf University, Istanbul, Turkey; ***Department of Anatomy, Selçuklu Faculty of Medicine, Selçuk University, Konya, Turkey; ****Plastic and Reconstructive Surgery Clinic, Numune Hospital, Konya, Turkey

P-172 The anatomical basis of the total pelvic exenteration

Nicolae B*, Claudia S**,***, Radu S***

*Department of Obstetrics and Gynecology, Clinical Hospital Cantacuzino Bucharest, University of Medicine and Pharmacy "Carol Davila" Bucharest, Romania; **Department of Anatomy- Clinical Anatomy and Surgical Techniques, University of Medicine and Pharmacy "Carol Davila" Bucharest, Romania; ***General Surgery Department, County Hospital Ilfov, Bucharest, Romania

P-173 The surgical importance of the paraaortic lymph node dissection in oncogynecological surgery

Nicolae B*, Claudia S**,***, Radu S**

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P-174 Variations in flow and branching of anterior and middle cerebral artery

Kulenovic A*, Hadzihalilovic AS**, Hasanovic A***, Spahovic N****

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P-175 Morphological changes of the temporal lobe structures in schizophrenia and their link to the clinical symptoms: a comparative brain segmentation study

Elfaki A*, Ali TO**, Elsheikh A**, Güdek MA*, Gölpınar M*, Şahin B*

*Department of Anatomy, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey; **Departments of Anatomy and Psychiatry, Faculty of Medicine, National Ribat University, Burri 55 Khartoum, Sudan

P-176 Distribution patterns of the median nerve in the superficial muscles of the anterior compartment of the forearm in Brazilian individuals

Olave E, Riveros A

*Universidad De La Frontera, Temuco, Chile; **Universidad San Sebastian, Concepcion, Chile

P-177 Morphological and biometric characteristics of the pectinate muscles of the right atrium in human heart

Henriquez J*, Barriga A**,

*Facultad De Medicina, Universidad De La Frontera, Temuco, Chile; **Programa De Magister En Ciencias Morfológicas. Universidad De La Frontera, Temuco, Chile; ***Profesor Programa De Magister En Cs. Morfológicas, Universidad De La Frontera, Temuco, Chile

P-178 Morphometric studies of the nutrient foramen in lower limb long bones of adult black and white south Africans

Mazenganya P*, Fasemore MD**

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P-179 The impact of gender and aging on the coronary arteries stenosis and obstruction

Ece Y, Sağıroğlu AO, Akkoç RF

Department of Anatomy, Faculty of Medicine, Fırat University, Elazığ, Turkey

P-180 The impact of smoking on the coronary arteries stenosis and obstruction based on gender

Ece Y, Sağıroğlu A.O, Ögetürk M, Özkan G, Deniz G

Department of Anatomy, Faculty of Medicine, Fırat University, Elazığ, Turkey

P-181 Evaluation of the use of internet and computing resources as support in neuroscience and neuroanatomy courses

Matamala F*,**

*Neuroanatomia, Facultad De Medicina, Universidad De La Frontera, Temuco, Chile; **Universidad De La Frontera, Temuco, Chile

P-182 Sex determination of foramen magnum by multidetector computed tomography images

Tellioglu AM, Durum Y**, Gök M**, Karakas S*, Polat AS, Karaman CZ**

*Department of Anatomy, Faculty of Medicine, Adnan Menderes University, Aydın, Turkey; *Department of Radiology, Faculty of Medicine, Adnan Menderes University, Aydın, Turkey

- P-183** The relationship between sitting height and some body measurements in university students
Uzun A, Gölpinar M, Özdemir F, Güdek MA, Altunsoy E
Department of Anatomy, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey
-
- P-184** The artistic phenomenon in the learning anatomical process
 Pires GA
CIISA: UID/CVT/00276/2013 - Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal
-
- P-185** Changes in number of ethmoidal foramina
Montoya STR*, Parra JED*
 *Universidad Autonoma De Manizales & Departamento De Ciencias Basicas, Universidad De Caldas, Manizales, Colombia;
 **Departamento De Ciencias Basicas, Universidad De Caldas, Manizales. Colombia
-
- P-186** Distribution of dermatoglyphic patterns among nationalities in Macedonia
Chadikovska E*, Zivadinovic J*, Zafirova B*, Trpkovska B*, Bojadzieva B*, Matveeva N**
 *Medical Faculty, Institute of Anatomy; **Institute of Anatomy, Medical Faculty, Skopje
-
- P-187** Effect of cadmium on trophoblast cell proliferation and apoptosis in different gestation periods of rat placenta
Erboğa M*, Kanter M**
 *Department of Histology and Embryology, Faculty of Medicine, Namık Kemal University, Tekirdağ, Turkey; **Department of Histology and Embryology, Faculty of Medicine, İstanbul Medeniyet University, İstanbul, Turkey
-
- P-188** Anatomical variation in the origin of left vertebral artery: report of a rare case
Yörük MD, Çağımın P, Durmaz T, İkiz ZAA, Bilge O, Üçerler H
Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
-
- P-189** Bilateral double parotid ducts: a rare anomaly
Üçerler H, İkiz ZAA, Soylu F, Farajiband N, Yörük MD, Çağımın P
Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
-
- P-190** Congenital anatomic abnormalities between mother asthma patients correlation
Sarı C*, Kalaycıoğlu A**, İmamoğlu M***
 *Department of Pediatric Surgery, Trabzon Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; **Department of Anatomy, Trabzon Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; ***Department of Pediatric Surgery, Trabzon Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey
-
- P-191** A questionnaire study; anatomy practical performance of assistances in faculty of medicine
Emirzeoğlu M, Uzun A, Özdemir F, Gölpinar M, Nahir M, Altunsoy E
Department of Anatomy, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey
-
- P-192** Students' views on methods of learning and teaching anatomy
Yeğinoğlu G*, Uzun Ö**, Kalkısım S**, Öksüz CE**, Yeğinoğlu Y***
 *Department of Anatomy, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; **Vocational Faculty of Healthy Science, Karadeniz Technical University, Trabzon, Turkey; ***Department of Statistics and Computer Science, Karadeniz Technical University, Trabzon, Turkey
-
- P-193** Sodium valproate influence on urethane induced mouse lung tumors and it's cancerogenesis
Mozuraitė R*, Stakisaitis D**, Didziapetriene J**, Preisegolaviciute L*, Juodziukyniene N*, Valanciute A*
 *Lithuanian University of Health Sciences, Kaunas, Lithuania; **Institute of Oncology, Vilnius University, Vilnius, Lithuania
-
- P-194** Replaced right hepatic artery and its segmental distribution
 Beger O, Elvan Ö, Kurtoğlu Z
Department of Anatomy, Faculty of Medicine, Mersin University, Mersin, Turkey
-
- P-195** Classification and clinical significance of the congenital anomalies of thymus
Varga I*, Miko M*, Polak S*, Mestanova V**
 *Institute of Histology & Embryology, Faculty of Medicine, Comenius University in Bratislava, Slovakia; **Institute of Histology & Embryology, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava, Slovakia

- P-196** The effect of long-standing time on foot morphology in the air transportation employees
Şafak NK, Durgun B
Department of Anatomy, Faculty of Medicine, Çukurova University, Adana, Turkey
-
- P-197** Estimation of height using percutaneous length of tibia and ulna in Iran
Broujeni FB, Hasanzadeh G
Department of Anatomy, Tehran University of Medical Science, Tehran, Iran
-
- P-198** Analysis of ganglion structures of the myenteric nervous plexus inferior part of the human duodenum during aging
Mandic P, Vitosevic Z, Macut ND, Filipovic T, Gasic M
Institute of Anatomy, Medical Faculty Pristina, Kosovska Mitrovica
-
- P-199** The incidence and topographic distribution of sutures including Wormian bones in human skulls
Çirpan S, Aksu F, Mas N
Department of Anatomy, Faculty of Medicine, Dokuz Eylül University, İzmir, Turkey
-
- P-200** Coexistence of Wormian bones with metopism, and vice versa in adult skulls
Çirpan S, Aksu F, Mas N, Mağden AO
Department of Anatomy, Faculty of Medicine, Dokuz Eylül University, İzmir, Turkey
-
- P-201** Suprascapular foramen: a rare variation caused by ossified suprascapular ligaments
Çirpan S*, Mas NG*, Aksu F*, Edizer M*, Karabekir S**, Mağden AO*
**Department of Anatomy, Faculty of Medicine, Dokuz Eylül University, İzmir, Turkey; **Department of Neurosurgery, Faculty of Medicine, Dokuz Eylül University, İzmir, Turkey*
-
- P-202** Lymphoid formations of anal canal of rectum in middle fetal period
Aubakirov A*, Sagimova G*, Suleimenova F*, Yesbolatova G**, Baryshev B*
**Astana Medical University, Astana, Kazakhstan; **Semey State Medical University, Semey, Kazakhstan*
-
- P-203** Morphological characteristics of the anterior inferior cerebellar artery
Dodevski A*, Lazarova D*, Papazova M*, Matveeva N*, Zhivadinovik J*, Lazareska M**, Aliji V**
**Institute of Anatomy, Medical Faculty, "SS. Cyril And Methodius University", Skopje, Republic of Macedonia; **University Clinic of Radiology, Skopje, Republic of Macedonia*
-
- P-204** Morphometric features of the ostium of the coronary sinus
Zhivadinovik J, Lazarova D, Papazova M, Matveeva N, Dodevski A
Institute of Anatomy, Medical Faculty, "SS. Cyril and Methodius University", Skopje, Republic of Macedonia
-
- P-205** About what radiologic anatomy teaches the clinician: bilateral dens invaginatus
Köse TE**, Uyanık S**, Büyükkertan M*, Özcan İ*, Balcioğlu HA*
**Department of Anatomy, Faculty of Dentistry, İstanbul University, İstanbul, Turkey; **Department of Oral Radiology, Faculty of Dentistry, İstanbul University, İstanbul, Turkey*
-
- P-206** Anatomical and morphometric evaluation of the foramen transversarium of cervical vertebrae
Nurcan İ, Necdet K
Department of Anatomy, Gülhane Military Medical Academy, Ankara, Turkey
-
- P-207** The effects of chronic renal failure on oxidant-antioxidant status
Savaş HB*, Altuntaş A**, Uz E*, Sezer MT**
**Department of Medical Biochemistry, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey; **Internal Medicine Clinic, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey*
-
- P-208** Oviductal immunoexpression of sex steroid hormone receptors in the african giant rat (*Cricetomys gambianus*)
Madekurozwa MC*, Akinloye AK**, Oke BO***
Department of Anatomy and Physiology, Faculty of Veterinary Science, University of Pretoria, Private Bag X04, Onderstepoort 0110, Pretoria, South Africa; **Department of Veterinary Anatomy, Federal University of Agriculture, Abeokuta, Nigeria; *Department of Veterinary Anatomy, University of Ibadan, Ibadan, Nigeria*

- P-209** Venous variations in neck region: external jugular vein and cephalic vein
Öztürk K, Dursun A, Albay S
Department of Anatomy, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey
-
- P-210** Anatomical variation in the origin of superior thyroid artery
 Özgür Ö**, Sindel M*, Kaştan Ö***, Aytaç G*, Sindel T**
 *Department of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey; **Department of Radiology, Faculty of Medicine, Akdeniz University, Antalya, Turkey; *** Department of Nursing, Faculty of Medicine, Akdeniz University, Antalya, Turkey
-
- P-211** Occipital artery arising from internal carotid artery: a case report
 Özgür Ö**, Sindel M*, Öztürk S*, Aytaç G*, Sindel T**
 *Department of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey; **Department of Radiology, Faculty of Medicine, Akdeniz University, Antalya, Turkey
-
- P-212** Persistent carotid-vertebrobasilar anastomoses: proatlantal artery type I and type II
 Özgür Ö**, Aytaç G*, Sindel M*, Sindel T**
 *Department of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey; **Department of Radiology, Faculty of Medicine, Akdeniz University, Antalya, Turkey
-
- P-213** 25 OH vitamin D levels of patients living in Isparta, Turkey
Savaş HB, Ceyhan BM, Gültekin F
Department of Medical Biochemistry, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey
-
- P-214** Investigation of relationship between the preoperative periappendicular CT values and appendicitis perforation in acute appendicitis
Horata E*, Turamanlar O**, Celep RB***, Okur N****, Acay MB****, Güzel H**, Gönül Y**
 *Atatürk Vocational Faculty of Health Services, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; ***Department of General Surgery, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; ****Department of Radiology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey
-
- P-215** Angiographic analysis of normal coronary artery lumen diameter in Turkish population and comparison with the previous studies
Turamanlar O*, Adalı F**, Tor O***, Macar O***, Keş H***, Abbasoğlu Y***, Keskin H***
 *Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Cardiovascular Surgery, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; ***Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey
-
- P-216** Anatomical localizations of various structures in human body
Pelin C*, Bor G**, Kürkcüoğlu A*, Oktem H*, Soysal H*
 *Department of Anatomy, Faculty of Medicine, Başkent University, Ankara, Turkey; **Department of Radiology, Gazi Mustafa Kemal Memorial Hospital, Ankara Turkey
-
- P-217** Morphology and motor innervation of hamstring muscles on fetal cadavers
Candan B, Bilkay C, Sulak O, Albay S
Department of Anatomy, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey
-
- P-218** The evaluation of the sphenoidal sinus and its related anatomical structures by the cone-beam computed tomography
 Yılmaz N*, Köse E*, Dedeoğlu N**, Çolak C***, Özbağ D*
 *Department of Anatomy, Faculty of Medicine, İnönü University, Malatya, Turkey; **Department of Oral and Maxillofacial Radiology, Faculty of Dentistry, İnönü University, Malatya, Turkey; ***Department of Biostatistics and Medical Informatics, Faculty of Medicine, İnönü University, Malatya, Turkey
-
- P-219** Underweight and overweight in prefaculty children from R. Macedonia
Trpkovska B, Lazarova D, Nakeva N, Papazova M, Zafirova B, Cadikovska E
Institute of Anatomy, Faculty Of Medicine, SS. Cyril and Methodius University of Skopje, Republic of Macedonia
-

P-220 Computer - assisted analysis of lip proportions in Turkish young adults

Bağheri H, Şirintürk S, Gövsa F, Pınar Y, Özer MA

*Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey***P-221** First whole exome sequencing in a patient with anomalous left coronary artery from the pulmonary artery (ALCAPA)

Çetin Z*, Hekim N**, Batyraliev T***, Rolfs A****, Karben Z*****, Saygılı EI*****, Mihciöğlü D*****, Türkmen S*****, İkiadağ Mİ*****, Cüce MA*****

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Karahana M, Cigali BS

*Department of Anatomy, Faculty of Medicine, Trakya University, Edirne, Turkey***P-223** Variations of os sacrum and clinical significance

Ulusoy M*, Bolatlı G*, Acar M**, Zararsız İ*

Department of Anatomy, Faculty of Medicine, Mevlana University, Konya, Turkey; **Department of Physiotherapy and Rehabilitation, Vocational Faculty of Health Services, Necmettin Erbakan University, Konya, Turkey*P-224** A rare case of arteria renalis detected in multislice computed tomography angiography

Ulusoy M*, Bolatlı G*, Koplay M**, Zararsız İ*

Department of Anatomy, Faculty of Medicine, Mevlana University, Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey*P-225** Anthropometry technique and historical development: literature review

Uzun A, Özel M, Özdemir F, Gölpınar M

*Department of Anatomy, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey***P-226** Development of the male external genital organs during the fetal period

Özgüner G, Öztürk K, Dursun A, Bilkay C, Sulak O

*Department of Anatomy, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey***P-227** Pterygomaxillary fissure

Sindel A, Ögüt E, Gürçay S, Sindel M

Department of Anatomy, Faculty of Medicine, Akdeniz University; **Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, Akdeniz University, Antalya, Turkey*P-228** Septal accessory pathway

Lazarova Dİ*, Zivadinovik J**, Papazova M**, Dodevski A**

Institute of Anatomy, Medical Faculty, Skopje, Macedonia; **Institute of Anatomy, Medical Faculty, Skopje Macedonia*P-229** Unilateral atypic foramen ovale: a rare bone variation

Şenol D, Canbolat M, Köse E, Cay M, Yılmaz N, Özbağ D

*Department of Anatomy, Faculty of Medicine, İnönü University, Malatya, Turkey***P-230** Kimmerle's anomaly: posterior osseous bridging of atlas

Şenol D, Canbolat M, Köse E, Ulutaş S, Cuglan S, Özbağ D

*Department of Anatomy, Faculty of Medicine, İnönü University, Malatya, Turkey***P-231** Morphological and radiological features of the mastoid foramen and mastoid emissary vein and their anthropological and clinical significance

Uyaroğlu FG*, Pekçevik Y**, Ertürk M***, Şengül G***

Department of Neurology, İzmir Tepecik Education and Research Hospital, İzmir, Turkey; **Department of Radiology, İzmir Tepecik Education and Research Hospital, İzmir, Turkey; *Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey*

- P-232** Morphometry of the condylar canal, condylar emissary vein and occipital foramen with their evolutionary and clinical aspects
 Özgören O*, Uyaroğlu FG**, Pekçevik Y***, Şengül G*
 *Department of Neuroscience, Institute of Health Sciences, Ege University, İzmir, Turkey; **Department of Neurology, İzmir Tepecik Education and Research Hospital, İzmir, Turkey; ***Department of Radiology, İzmir Tepecik Education and Research Hospital, İzmir, Turkey
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- P-233** Motor nerve entry points of the median nerve in the forearm muscles
 Uyaroğlu FG*, Özgören O**, Şengül G***
 *Department of Neurology, İzmir Tepecik Education and Research Hospital, İzmir, Turkey; **Department of Neuroscience, Institute of Health Sciences, Ege University, İzmir, Turkey; ***Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey
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- P-234** A study of morphometric characteristics of Achilles tendon by using ultrasound imaging over 18-years-old healthy population
 Canbolat M*, Özbağ D*, Özdemir Z**, Kafkas AS***, Şenol D*, Cay M*
 *Department of Anatomy, Faculty of Medicine, İnönü University, Malatya, Turkey; **Department of Radiology, Faculty of Medicine, İnönü University, Malatya, Turkey; ***Faculty of Physical Education & Sports, İnönü University, Malatya, Turkey
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- P-235** Left inferior phrenic artery originated from the celiac trunk: a case report
 Hamutoğlu R, Yıldırım M, Al-Talahma M, Şahin ZA, Çetinok H
 Department of Anatomy, Cerrahpaşa Medical Faculty, İstanbul University, İstanbul, Turkey
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- P-236** Two saphenous veins that drain femoral vein separately: a case report
 Yıldırım M, Hamutoğlu R, Peştimalcı ŞT, Yıldız YZ
 Department of Anatomy, Cerrahpaşa Medical Faculty, İstanbul University, İstanbul, Turkey
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- P-237** Brachial artery course variation with a deep brachial artery passing between the two roots of median nerve – a case report
 Taştan ÖA, Yıldırım M, Hamutoğlu R, Kaya YE, Al-Talahma M, Şahin ZA
 Department of Anatomy, Cerrahpaşa Medical Faculty, İstanbul University, İstanbul, Turkey
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- P-238** Right inferior phrenic artery originating from a superior additional right renal artery: a case report
 Al-Talahma M, Yıldırım M, Çetinok H, Hamutoğlu R
 Department of Human Anatomy, Cerrahpaşa Medical Faculty, İstanbul University, İstanbul, Turkey
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- P-239** Studying with multidetector computed tomography angiography techniques of aortic arch branching variation
 Bolatlı G*, Ulusoy M*, Koplay M**, Çat Z*, Zararsız İ*
 *Department of Anatomy, Faculty of Medicine, Mevlana University, Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey
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- P-240** Variations of foramen transversarium of cervical vertebrae
 Ulusoy M, Bolatlı G, Acar S, Zararsız İ
 Department of Anatomy, Faculty of Medicine, Mevlana University, Konya, Turkey
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- P-241** Ankylosing spondylitis in an elderly patient followed up due to ischaemic heart disease: case report
 İlgün E, Özdil H, Kayhan E
 *Department of Anatomy, Faculty of Medicine, Mevlana University, Konya, Turkey; **Department of Physical Therapy and Rehabilitation, Faculty of Medicine, Mevlana University, Konya, Turkey; ***Department of Cardiology, Faculty of Medicine, Mevlana University, Konya, Turkey
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- P-242** Difference between objective and subjective evaluations of facial asymmetry
 Kürkcüoğlu A*, Ayan DM**, Baykan R**, Demirkan E**, Özkan Ö**, Özkubat İ**, Şimşek M**
 *Department of Anatomy, Faculty of Medicine, Başkent University, Ankara, Turkey; **Term II Students, Faculty of Medicine, Başkent University, Ankara, Turkey
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- P-243** Lip posture changes to Steiner's aesthetic line in Class I individuals
 Kürkcüoğlu A*, Karaca Z**, Oğuz Ö***
 *Department of Anatomy, Faculty of Medicine, Başkent University, Ankara, Turkey; **Department of Anatomy, Faculty of Medicine, Yeni Yüzyıl University, İstanbul, Turkey; ***Department of Anatomy, Faculty of Medicine, Çukurova University, Adana, Turkey

P-244 Is there any relationship flat foot and Achilles tendon?Gönül Y*, Yücel Ö*, Eroğlu M**, Şentürk İ**, Eroğlu S***, Dikici Ö***, Cartıllı Ö*, Ulaşlı AM***

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P-245 Demonstrating spatium parapharyngeum on plastinated specimensBoduç E, Çelik S, Bilge O

Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey

P-246 Investigation of age and gender related alterations in nasopalatine canal morphometry and variations – a preliminary studyGönül Y, Bucak A**, Atalay Y***, Acay MB****, Çalışkan A****, Sakarya G****, Soysal N****, Cimbar M****, Özbek M****

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P-247 Two lateral thoracic arteries originating from axillary arteryKaya YE, Yıldırım M, Şahin ZA, Hamutoğlu R, Taştan A

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P-248 Age and sex related changes in the craniofacial region in 7-11-year-old Turkish childrenUlcay T*, Sarsılmaz M**, Uzun A***, Öğütürk M****

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P-249 The effect of coracoid process transfer on the surgical procedures of shoulder instabilityÇırpan S*, Büdeyri A**, Özkan M***, Kiray A*

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P-250 Rib aplasia: a case reportKeskin İ*, Ülkü R**, Tacar O*, İskenderoğlu AY*, Demirant A*, Karabulut Ö*

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P-251 Anatomical assessment of the complications in dental implant surgeryBüyükkertan M*, Üstünel H**, Bölükbaşı N***, Balcıoğlu HA*

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P-252 Anomalous mandibular canal of a 51-year-oldKöse T**, Uyanık S**, Büyükkertan M*, Bölükbaşı N***, Özcan İ**, Yıldırım M****, Balcıoğlu HA*

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P-253 Case report: tibial hemimelia with bilateral cleft handKeskin İ*, Bulut M**, Tacar O***, İskenderoğlu AY****, Demirant A***, Karabulut Ö****

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P-254 Dimensions and pneumatization of the anterior clinoid process in middle Anatolian populationSabancıoğulları V*, Tastemur Y*, Salk İ**, Doğruyol G*

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- P-255** Defining the hairline morphometrics of Turkish population
Evin E**, Toruycenler M**, Karaca O**, Şahin OB**, Darben Y**, Ateş C**, Öztan Ö****, Esmir TŞ*, Esmir AF*
Department of Anatomy, Faculty of Medicine, Ankara University, Ankara, Turkey; **Faculty of Medicine, Ankara University, Ankara, Turkey; *Department of Biostatistics, Faculty of Medicine, Ankara University, Ankara, Turkey; ****ECM Aesthetics Plastic Surgery Clinic, Ankara, Turkey*
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- P-256** Variations of right and left tyrocervical trunks' branching in the same cadaver
Şahin ZA*, Yıldırım M*, Taştan ÖA*, Hamutoğlu R*, Kaya YE*, Al-Talahma M*
Department of Anatomy, İstanbul University Cerrahpaşa Medical Faculty, İstanbul, Turkey
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- P-257** The variation about the course and communication of common fibular nerve in two cases
Arifoğlu Y*, Yıldırım M**, Öztürk Ö*, Kurbetli N*
**Department of Anatomy, Faculty of Medicine, Bezmialem Vakıf University, İstanbul, Turkey; **Department of Anatomy, Cerrahpaşa Faculty of Medicine, İstanbul University, İstanbul, Turkey*
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- P-258** 3D (3-dimensional) evaluation of ischemic damaged brain area and correlation of them with clinical symptoms
Kurbetli N*, Özdemir MB**, Arifoğlu Y*, Öncel C**, Yağcı B****, Cıtslı V*****
Department of Anatomy, Faculty of Medicine, Bezmialem Vakıf University, İstanbul, Turkey; **Department of Anatomy, Faculty of Medicine, Pamukkale University, Denizli, Turkey; *Department of Neurology, Faculty of Medicine, Pamukkale University, Denizli, Turkey; ****Department of Radiology, Faculty of Medicine, Pamukkale University, Denizli, Turkey; *****Department of Neurosurgery, Faculty of Medicine, Pamukkale University, Denizli, Turkey*
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- P-259** Os coxae and the golden ratio
Tuncel N, Ari İ, Kafa İM
Department of Anatomy, Faculty of Medicine, Uludağ University, Bursa, Turkey
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- P-260** Morphometric analysis of greater palatin foramen with MDCT
Kabakçı ADA*, Akın D*, Özen KE*, Çiçekcibaşı AE*, Yılmaz MT*, Kıreşi D**
**Department of Anatomy, Meram Medicine Faculty, Necmettin Erbakan University, Konya, Turkey; **Department of Radiology, Meram Medicine Faculty, Necmettin Erbakan University, Konya, Turkey*
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- P-261** Anatomic measurement of splenic volume on CT in adult population with malignancy: is there any association between cancer type and volume?
Kalkan H**, Akın D*, Kabakçı ADA**, Keskin S**, Yılmaz M.T**, Çiçekcibaşı AE*
**Department of Anatomy, Meram Medicine Faculty, Necmettin Erbakan University, Konya, Turkey; **Department of Radiology, Meram Medicine Faculty, Necmettin Erbakan University, Konya, Turkey*
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- P-262** Avascular necrosis of the scaphoid bone: a case report
Engin Y*, Karakaya AD**, Malkoç İ*, Gedik HT*, Kara A*, Keleş P*
**Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Radiology, Regional Training and Research Hospital, Erzurum, Turkey*
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- P-263** Occipitocervical synostosis: case report
Kayhan B*, İlhan P*, Ertürk M**, Şengül G**
**Department of Neuroscience, Institute of Health Sciences, Ege University, İzmir, Turkey; **Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey*
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- P-264** Nutrient foramina in the os lunatum from the carpal bones: morphometric study
Önder M, Gürçay S, Oğuz N
Department of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey
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- P-265** Anatomical study of the echocardiographic views in the dog
Sadeghinezhad J*, Vajhi A**, Goodarzi N***, Ashgriz N*
Department of Basic Sciences, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran; **Department of Surgery and Radiology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran; *Department of Basic Sciences, Faculty of Veterinary Medicine, Razi University, Kermanshah, Iran*
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- P-266** Right hepatic artery and left hepatic artery originated from the coeliac trunk
Kara A*, Karaca L**, Keleş P*, Gedik T*, Engin Y*, Malkoç İ*
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P-267 Right renal vein duplication as detected by computerized tomography: a case study

Gedik HT*, Karaca L**, Kara A*, Engin Y*, Keleş P*, Malkoç İ*

Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Radiology, Faculty of Medicine, Atatürk University, Erzurum, Turkey*P-268** Effect of shortly the ethyl alcohol consumption certain blood levels in female rats

Yazgan K*, Yıldırım RT**, İnce Z**, Gölgeli A***, Yalçın B****, Gölgeli A*****

Department of Physiology, Faculty of Medicine, Erciyes University Kayseri, Turkey; **Grade II, Faculty of Medicine, Erciyes University, Kayseri, Turkey; *Department of Physiology, Faculty of Medicine, Erciyes University, Kayseri, Turkey; ****Department of Histology, Faculty of Medicine, Erciyes University, Kayseri, Turkey; *****Department of Physiology, Faculty of Medicine, Erciyes University, Kayseri, Turkey***P-269** Crossed renal ectopia: a case report

Gün C*, Fazlıoğulları Z*, Sivri M**, Nabi G*, Koplay M**

Department of Anatomy, Faculty of Medicine, Selçuk University, Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey*P-270** A case of hepatosplenomesenteric trunk with left gastric artery variation

Nabi G*, Gün C*, Fazlıoğulları Z*, Sivri M**, Doğan NU*

Department of Anatomy, Faculty of Medicine, Selçuk University Konya, Turkey; **Department of Radiology, Faculty of Medicine, Selçuk University, Konya, Turkey*P-271** A case report: accessory spleen

Karacan K*, Karacan A**, Akcaalan M*

Department of Anatomy, Faculty of Medicine, Sakarya University, Sakarya, Turkey; **Department of Radiology, Faculty of Medicine, Sakarya University, Sakarya, Turkey*P-272** Double left testicular artery and vein in cadaver

Karacan K*, Özbek E**, Akcaalan M*

Department of Anatomy; Faculty of Medicine, Sakarya University, Sakarya, Turkey; **Department of Histology and Embryology, Faculty of Medicine, Sakarya University, Sakarya, Turkey*P-273** Left pulmonary agenesis: a rare case

Karacan K*, Karacan A**, Akcaalan M*

Department of Anatomy, Faculty of Medicine, Sakarya University, Sakarya, Turkey; **Department of Radiology, Faculty of Medicine, Sakarya University, Sakarya, Turkey*P-274** Relationship with stylohyoid chain and internal carotid artery detected by 3D-angiography

Eraslan C**, Özer MA*, Gıvsa E*, Alagöz AK***, Callı C**

Department of Anatomy, Faculty of Medicine, Ege University, İzmir, Turkey; **Department of Radiology, Faculty of Medicine, Ege University, İzmir, Turkey; *Medical Student 4, Faculty of Medicine, Ege University, İzmir, Turkey***P-275** Anthropometric growth study of orbital region in Turkish children

Ulçay T*, Sarsılmaz M**, Uzun A***, Ogetürk M****

Department of Anatomy, Faculty of Medicine, Ahi Evran University, Kırşehir, Turkey; **Department of Anatomy, Faculty of Medicine, Şifa University, İzmir, Turkey; *Department of Anatomy, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey; ****Department of Anatomy, Faculty of Medicine, Fırat University, Elazığ, Turkey***P-276** Evaluation of the atherosclerosis in superior thyroid artery

Karacan K*, Akcaalan M*, Karacan A**, Acar BA***, Varım C****, Can Y*****, Vatan MB*****, Aksoy NM*****, Mansız S**, Akdemir R*****

Department of Anatomy, Sakarya University, Faculty of Medicine, Sakarya, Turkey; **Department of Radiology, Sakarya University, Faculty of Medicine, Sakarya, Turkey; *Department of Neurology, Sakarya University, Faculty of Medicine, Sakarya, Turkey; ****Department of Internal Medicine, Sakarya University, Faculty of Medicine, Sakarya, Turkey; ***** Department of Cardiology, Sakarya University, Faculty of Medicine, Sakarya, Turkey***P-277** Evaluation of existence and frequency of lesion in left subclavian artery by angiography

Karacan K*, Akcaalan M*, Karacan A**, Acar BA***, Varım C****, Can Y*****, Vatan MB*****, Aksoy NM*****, Mansız S**, Akdemir R*****

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- P-278** Photographic periorbital soft tissue analysis in Turkish young adults: anthropometric measurements
Işıklar S, Özdemir ST
Department of Anatomy, Faculty of Medicine, Uludağ University, Bursa, Turkey
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- P-279** Three-dimensional analysis of facial shape in obstructive sleep apnea syndrome using geometric morphometric method
Özdemir ST*, Ercan İ**, Ocakoğlu G**, Çetinoğlu ED***, Ursavaş A***
Department of Anatomy, Faculty of Medicine, Uludağ University, Bursa, Turkey; **Department of Biostatistics, Faculty of Medicine, Uludağ University, Bursa, Turkey; *Department of Pulmonary Medicine, Faculty of Medicine, Uludağ University, Bursa, Turkey*
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- P-280** Using Skype in anatomy education: two different approaches
Yücel K*, Çelik B**, Aydın İE***, Kaspar EÇ****, Özdemir S*****, Gergin S*
Department of Anatomy, Yeditepe Faculty of Medicine, Yeditepe University, İstanbul, Turkey; **Second Year Medical Student, Yeditepe Faculty of Medicine, Yeditepe University, İstanbul, Turkey; *First Year Medical Student, Yeditepe Faculty of Medicine, Yeditepe University, İstanbul, Turkey; ****Department of Biostatistics and Medical Informatics, Yeditepe Faculty of Medicine, Yeditepe University, İstanbul, Turkey; *****Department of Medical Education, Yeditepe Faculty of Medicine, Yeditepe University, İstanbul, Turkey*
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- P-281** Vine lab: using vine application in anatomy education
Yücel K*, Kaspar EÇ**, Özdemir S***, Aydın İE****, Çelik B*****, Gergin S*
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- P-282** The morphological and morphometrical evaluation the bones that transmit emissary veins in terms of surgery
Türk F*, Akyer SP*, Özdemir M**, Özdemir MB*, Akdoğan İ*
**Department of Anatomy, Faculty of Medicine, Pamukkale University, Denizli, Turkey; **Department of Neurological Surgery, Faculty of Medicine, Pamukkale University, Denizli, Turkey*
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- P-283** Morphometric investigation of tibia in dry bones
Akın D*, Çiçekcibaşı AE*, Kabakçı AD*, Kala Y**
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- P-284** Relationship between sleep disordered breathing and head-neck anthropometry
Akcaalan M*, Yılmaz A**
**Department of Anatomy, Faculty of Medicine, Sakarya University, Sakarya, Turkey; **Department of Anatomy, Faculty of Medicine, Trakya University, Edirne, Turkey*
-
- P-285** 3 Dimensional (3D) assesment of hippocampus in Alzheimer's disease
Türk F*, Özdemir MB**, Çağırıcı S***, Akyer SP**, Türk F**
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- P-286** Absence of the coeliac trunk in a rectal cancer patient
Tihan D**, Babacan S*, Ergin T***, Teomete U****, Dandin O*****, Kafa İ*
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- P-287** Thoughts of the students and the employees on medical terminology class
Babacan S, Işıklar S, Kafa İ, Coşkun İ
Department of Anatomy, Faculty of Medicine, Uludağ University, Bursa, Turkey
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- P-288** Prevalence of Eustachian valve in adult autopsy cases and fetal cadavers: morphometric and histological evaluation
Gergin S*, Özdoğan Ö*, Şehirli ÜS*, Şirvancı S**, Verimli U*, Üzün İ**, Ömeroğlu E***
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P-289 New approach to microscopic morphology of the thoracic duct

Türk F*, Kocamaz E**, Mete E***, Akyer SP*, Türk F*, Özdemir MB*

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P-290 A case of bilateral shortness of the fourth metacarpal

Keleş P*, Kara A*, Karaca L**, Engin Y*, Gedik T*, Keleş MS***

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P-291 Passive clearing trial in rat brain: is the stirring effective for the process?

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P-292 Investigation of the incidence of the accessory bones in the elbow joint

Yaylacı S*, Uysal M*, Sapmaz HI*, Aytekin K**, Taş U*, Özyurt B*

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P-293 The evaluation of the therapeutic effect of intravenous lipid emulsion treatment against malathion induced liver injury in rats

Esen M*, Sapmaz HI**, Uysal M**, Alıcı Ö***, Ünsal V****, Bütün İ****, Ayan M*, Taş U**

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P-294 Examination of anatomic formations and their variations located in sinonasal area by multislice computed tomography

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P-295 An unusual right vertebral artery variation accompanying to bovine arch: a case report

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P-296 A case study: unilateral absence of the musculocutaneous nerve and variational branching of the median nerve

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P-297 Comparison of bone morphogenic protein 7, osteoprotegerin or combination –via adenoassociated virus– on bone formation in the expanded inter-premaxillary suture in rats

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P-298 Study of anatomic variations of the hepatic artery in live liver donors within East Anatolia region

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P-299 Proximal femur and investigation its relations with acetabulum morphometrically with multidetector computed tomography

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- P-300** A rare case of tortuosity of the right renal vein
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- P-301** Bronchial atresia as detected by computerized tomography: a case study
Gedik HT*, Güven F**, Keleş P*, Malkoç İ*
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- P-302** Aberrant right subclavian artery as detected by computerized tomography: a case study
Gedik HT*, Güven F**, Kara A*, Diyarbakır S*
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- P-303** Unilateral atresia of a pulmonary artery
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- P-304** The meningo-orbital foramen
Babacan S, Kafa İ
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- P-305** Intestinal malrotation
Karaca L*, Kara A**, Keleş P**
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- P-306** A radiological anatomic analysis of the cribriform plate and it's relations with stationary structures
Çiftcioğlu E*, Şentürk A**, Yıldırım Ö***
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- P-307** Body image, depression and quality of life among the 2nd grade student of medical faculty
Öztürk KE*, Tozun M**, Sözmek MK**, Malas MA*
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- P-308** Comparison of hand ratio in men with normal versus abnormal semen parameters
Öztürk KE*, Yılmaz B**, Keskin MZ***, Eginc E****, Malas MA*
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- P-309** Schizophrenics have smaller putamen and thalamus when it is compared to the healthy subjects
Pirzirenli ME*, Elfaki A*, Ali TO**, Osman A***, Gudek MA*, Şahin B*
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- P-310** Patent ductus arteriosus finding at axial contrast spiral thorax CT: a case report
Keleş P*, Gedik HT**, Karaca L**, Malkoç İ*
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P-311 Investigation of relationship between midline brain developmental cysts and morphometry of aqueductus cerebri and corpus callosumTuramanlar O*, Acay MB**, Cartullı Ö*, Ünlü E**, Horata E*, Gülsarı Y*, Toktaş M*****Department of Anatomy, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; **Department of Radiology, Faculty of Medicine, Afyon Kocatepe University, Afyonkarahisar, Turkey; ***Department of Anatomy, Faculty of Medicine, Turgut Özal University, Ankara, Turkey***P-312** Postnatal developmental changes of GAD67-GFP positive cells in mice pedunculo-pontine nucleusÖzkan M, Şehirli ÜS*Department of Anatomy, Faculty of Medicine, Marmara University İstanbul, Turkey***P-313** Is there a relationship between height of dens and length of apical ligament of dens?

Kapakin S

*Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey***P-314** Creating anaglyph form of the subfornical organ in rat brainKapakin S, Kapakin KAT****Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Pathology, Faculty of Veterinary Medicine, Atatürk University, Erzurum, Turkey***P-315** Is there a relationship between the cardiac volume and the thoracic cavity volume?Kapakin S*, Kapakin KAT****Department of Anatomy, Faculty of Medicine, Atatürk University, Erzurum, Turkey; **Department of Pathology, Faculty of Veterinary Medicine, Atatürk University, Erzurum, Turkey***P-316** MRI-based detailed evaluation of the anatomy of the human coccyxTetiker H*, Koşar Mİ*, Çullu N**, Canbek U***, Otağ İ****, Taştumur Y*******Department of Anatomy, Muğla Sıtkı Koçman University Faculty of Medicine, Muğla, Turkey; **Department of Radiology, Muğla Sıtkı Koçman University Faculty of Medicine, Muğla, Turkey; ***Department of Orthopedics and Traumatology, Muğla Sıtkı Koçman University Faculty of Medicine, Muğla, Turkey; ****Vocational Faculty of Health Services, Cumhuriyet University, Sivas, Turkey; *****Department of Anatomy, Muğla Sıtkı Koçman University Faculty of Medicine, Sivas, Turkey***P-317** The volumetric values of breast in adult womenBalçcı S*, Göker P*, Binokay F**, Bozkır MG***Department of Anatomy, Faculty of Medicine, Çukurova University, Adana, Turkey; **Department of Radiology, Faculty of Medicine Çukurova University, Adana, Turkey***P-318** An extremely rare anastomotic artery between right and left common iliac arteriesİkidağ MA*, Cüce MA*, Özkılıç Ş**, Uysal E***, Akkın SM******Department of Radiology, SANKO University Medical School, Gaziantep, Turkey; **Department of Nuclear Medicine, SANKO University Medical School, Gaziantep, Turkey; ***Department of General Surgery, SANKO University Medical School, Gaziantep, Turkey; ****Department of Anatomy, SANKO University Medical School, Gaziantep, Turkey***P-319** Scorpion-shaped pancreas together with an arterial variation complex: a case reportİkidağ MA*, Cüce MA*, Özkılıç Ş**, Uysal E***, Akkın SM*****Department of Radiology, SANKO University Medical School, Gaziantep, Turkey; **Department of Nuclear Medicine, SANKO University Medical School, Gaziantep, Turkey; ***Department of General Surgery, SANKO University Medical School, Gaziantep, Turkey; ****Department of Anatomy, SANKO University Medical School, Gaziantep, Turkey***P-320** The morphology of pterion and relation to frontal branch of the middle meningeal artery in adult dry skullsKocabıyık N*, Hamzaoğlu V**, Özalp H***, Cömert A******Department of Anatomy, Gülhane Military Medical Academy, Ankara, Turkey; **Department of Neurological Surgery Oregon Health and Science University Portland, USA; ***Department of Neurosurgery, Faculty of Medicine, Mersin University, Mersin, Turkey; ****Department of Anatomy, Faculty of Medicine, Ankara University, Ankara, Turkey***P-321** Morphology of the first metatarsal bone - an anatomical and clinical studyDemir BT*, Gümüşalan Y*, Çağlar V**, Üzel M******Department of Anatomy, Faculty of Medicine, Fatih University, İstanbul, Turkey; **Department of Anatomy, Faculty of Medicine, Namık Kemal University, Tekirdağ, Turkey; ***Department of Orthopaedics and Traumatology, Faculty of Medicine, Kahramanmaraş Sütçü İmam University Kahramanmaraş, Turkey*

- P-322** A rare variation of the musculocutaneous nerve in human cadaver
Yıldız S, İmre N, Kocabıyık N
Department of Anatomy, Gülhane Military Medical Academy, Ankara, Turkey
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- P-323** Visual study about scientific illustrations of the human body in the University of Chile (1903-1956)
Valenzuela JLC*, Esterio MD**
**Assistant Professor, ICBM, Faculty of Medicine, University of Chile, Santiago, Chile; **Visual Designer, Santiago, Chile*
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- P-324** First professional anatomy teacher in Turkish medical history
Yılmazer AZ*, Taskınalp O*, Uucam E*
Department of Anatomy, Faculty of Medicine, Trakya University, Edirne, Turkey
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- P-325** The innervation pattern of the lumbrical muscles of the foot
Bozer C*, Uzmansel D**, Dönmez D*, Parlak M*, Beger O**, Elvan Ö**
**Department of Anatomy, Faculty of Medicine, Trakya University, Edirne, Turkey; **Department of Anatomy, Faculty of Medicine, Mersin University, Mersin, Turkey*
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- P-326** Morphological characteristics of epithelium's proliferative activity in oviduct endometriosis, focused on different localization of endometriotic foci and influence of oviduct condition in endometriosis
Belyavskaya D, Sapargalieva A
Department of Pathology, Kazakh Medical University Named After S.D Asfendiarov, Almaty, Kazakhstan
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- P-327** The effects of curcumin on sperm parameters and nitric oxide production in varicocele rats
İzadpanah M*, Abbasi M*, Alizadeh R**, Heydari L***
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