

Joint Meeting of Anatomical Societies 19-22 May 2011, Uludağ University Convention Center, Bursa, Turkey

Daily Program

	Thursday 19	Friday 20	Saturday 21	Sunday 22		
08:30		Plenary Lecture-1	Plenary Lecture-4	Plenary Lecture-5	Plenary Lecture-8	Plenary Lecture-9
09:15		Coffee Break & Posters A	Coffee Break & Posters B		Coffee Break	
09:45		Symposium-1	Symposium-3	Oral-5	Symposium-5	
12:00	Registration starts	Lunch	Lunch		Closing Ceremony and Adjourn	
13:00	Excursions (Half Day Historical Bursa Tour)	Oral-1	Oral-2	Oral-6	Oral-7	
14:30		Coffee Break & Posters A		Coffee Break & Posters B		
15:00		Symposium-2	Plenary Lecture-2	Symposium 4	Plenary Lecture-6	
			Plenary Lecture-3		Plenary Lecture-7	
16:30		Coffee Break & Posters A		Coffee Break & Posters B		
17:00	Opening and Introduction	Oral-3	Oral-4	Oral-8	Oral-9	
17:45	The Opening Lecture					
18:30	Welcome Reception (19:00)	TEPARG Meeting	Meetings of the Participating Societies	EFEM Meeting	AG Meeting	
19:30		Gala Dinner (20:00)				

SX Joint Meeting of Anatomical Societies, 19-22 May 2011, Bursa, Turkey

Opening Lecture

Thu-19 May **Hall A**

17:45 – 18:30 **New genoarchitectonic viewpoints on the developing hypothalamus**
Puelles L – (*Murcia, Spain*)

Plenary Lectures

Plenary Lecture – 1

Fri-20 May **Hall A**

08:30 – 09:15 **Student-directed learning of gross anatomy: How to distinguish between teaching and learning**
Moxham BJ – (*Cardiff, UK*)

Plenary Lecture – 2

Fri-20 May **Hall B**

15:00 – 15:45 **Features in teaching human anatomy in Russia**
Kolesnikov LL – (*Moscow, Russia*)

Plenary Lecture – 3

Fri-20 May **Hall B**

15:45 – 16:30 **An innovative approach to teach anatomy: The Theatrum Anatomicum experience**
Böckers A – (*Ulm, Germany*)

Plenary Lecture – 4

Sat-21 May **Hall A**

08:30 – 09:15 **Bridges between neuroanatomy and neuropathology**
Salamat MS – (*Madison, WI, USA*)

Plenary Lecture – 5

Sat-21 May **Hall B**

08:30 – 09:15 **The effect of thyroid hormon & gonadotropins on angiogenesis in the ovary**
Macchiarelli G – (*L'Aquila, Italy*)

Plenary Lecture – 6

Sat-21 May **Hall B**

15:00 – 15:45 **Structural neural tube malformations leading to functional and behavioral defects**
Emmanouil–Nikoloussi EN – (*Thessaloniki, Greece*)

Plenary Lecture – 7

Sat-21 May **Hall B**

15:45 – 16:30 **Whole rat embryo culture; as a tool for teratological screening**
Karabulut AK – (*Konya, Turkey*)

Plenary Lecture – 8

Sun-22 May **Hall A**

08:30 – 09:15 **Anatomy – An important tool in cardiologists' decision making**
Teofilovski-Parapid G – (*Belgrade, Serbia*)

Plenary Lecture – 9**Sun-22 May Hall B****08:30 – 09:15 Importance of topographical neuroanatomy and skull base anatomy teaching in training neurosurgery residents**Başkaya MK – (*Madison, WI, USA*)**Symposium – 1****Fri-20 May 09:45 – 12:00 Hall A****Neuroanatomy Education****Neuroanatomy/neuroscience education in United States Medical Schools**Drake R – (*Cleveland, OH, USA*)**The development of a core syllabus for the teaching of neuroanatomy to medical students**Plaisant O – (*Paris, France*)**The role of plastination for teaching neuroanatomy**Riederer BM – (*Lausanne, Switzerland*)**Acquisition and retention of neuroanatomical knowledge by medical and science undergraduate students**Santer R – (*Cardiff, Wales*)**A new approach in neuroanatomy education: teaching based on contemporary neuroscience research rather than old-style medical school teaching**Şengül G – (*İzmir, Turkey*)**Symposium – 2****Fri-20 May 15:00 – 16:30 Hall A****Translational Research in Epilepsy****The role of thalamus in epileptic network**Çavdar S – (*Istanbul, Turkey*)**Bridging basic with clinical epilepsy**Onat F – (*Istanbul, Turkey*)**Generalized and focal epilepsies in human**Özkara Ç – (*Istanbul, Turkey*)**Imaging of epilepsy**Kara SA – (*Istanbul, Turkey*)**Symposium – 3****Sat-21 May 09:45 – 12:00 Hall A****Steroids in Brain****The role of steroid-hormone binding globulins in brain**Caldwell JD, Jirikowski GF – (*Jena, Germany*)**Steroid actions in the brain; a morphologist's point of view**Jirikowski GF – (*Jena, Germany*)**SHBG and oxytocin receptor in the olfactory system of schizophrenic patients**Schäfer HH – (*Zürich, Switzerland*)**Neuroendocrine stress response, adrenal steroids in the hypothalamo hypophyseal system**Sivukhina E – (*Jena, Germany*)**Changes of SHBG expression in the hypothalamo–hypophyseal system of rats during pregnancy, parturition and lactation**Şendemir E – (*Bursa, Turkey*)

Symposium – 4		
Sat-21 May	15:00 – 16:30	Hall A
Neuroimaging		
Advanced neuroimaging Işlak C – (<i>Istanbul, Turkey</i>)		
Imaging of sellar and paracellular regions Kızılkılıç O – (<i>Istanbul, Turkey</i>)		
Anatomy of anatomy atlases Sinav A – (<i>Edirne, Turkey</i>)		
esfMRI of the upper STS: further evidence for the lack of electrically induced polysynaptic propagation of activity in neocortex Sultan F – (<i>Tübingen, Germany</i>)		

Symposium – 5		
Sun-22 May	09:45 – 12:00	Hall A
Human and Experimental Encephalopathies		
Encephalopathy in septic patients; from pathophysiology to treatment Sharshar T – (<i>Garches, France</i>)		
Encephalopathy in the rat caecal ligation model of sepsis Davies DC – (<i>London, UK</i>)		
Neuronal injury and regeneration in the caecal ligation and puncture model of sepsis Kurt MA – (<i>Bursa, Turkey</i>)		

Oral Presentations		
Oral – 1		
Fri-20 May	13:00 – 14:30	Hall-A
Chairs:	D. Ceri Davies, M. Ayberk Kurt	
1. OP-1:	Dorsal commissural nucleus: the key position of visceral sensory and somatic sensory information convergence <u>Zhang MM, Li YQ</u>	
2. OP-2:	Functional repair of Parkinsons disease by olfactory epithelial stem cells in rat <u>Safari M, Ghahari L</u>	
3. OP-3:	Neurodegeneration in the frontal cortex and hippocampus of Sprague Dawley rats administered with aqueous seed extract of Datura stramonium <u>Adekomi AD, Tijani AA</u>	
4. OP-4:	Proposals for "More Intelligent Design" of Homo sapiens and other vertebrates <u>Kurz H</u>	
5. OP-5:	Analgesic mechanism of endomorphin in the spinal dorsal horn <u>Li YQ</u>	
6. OP-6:	The enigmatic claustrum <u>Reblet C, De La Cuerda MF, Alejo A, Mendizabal-Zubiaga JL, Chara-Ventura JC, Bueno-Lopez JL</u>	
7. OP-7:	Innervation on axon-initial-segment of cortical pyramidal neurons is correlated with axon projection and layer position of parent neuron but not with length and thickness of axon initial segment proper <u>Bueno-Lopez JL, Chara-Ventura JC, Reblet C, Mendizabal-Zubiaga JL</u>	
8. OP-8:	Gene expression in the spinal cord: Implications in spinal cord anatomy and research <u>Sengül G</u>	

Oral – 2**Fri-20 May 13:00 – 14:30 Hall-B****Chairs:** Jose-Ramón Sanudo, Salih Murat Akkin

1. **OP-9:** An integrating system for assessing students' progress in the anatomical dissection lab
Brenner E, Moriggl B, Fritsch H

2. **OP-10:** Learning anatomy across medical, dental and allied health professions
Smith C, Martínez C, Mchanwell S

3. **OP-11:** Imorphology: a novel concept for co-teaching anatomy and diagnostic imaging in an integrated curriculum
Streicher J

4. **OP-12:** Body explorer 3.0: an easily accessed multi user web system for studying cross-sectional anatomy
Lazarov N, Lazarov V, Bulling A, Gratzl M

5. **OP-13:** Future contributions to the education of anatomy
Yazar F, Develi S

6. **OP-14:** Visual history of human anatomy
Kasirga B, Gulbar S

7. **OP-15:** DryCon HPCS© - A new method for preservation and mummification of whole bodies in a closed system without formalin
Weber G

Oral – 3**Fri-20 May 17:00 – 18:30 Hall-A****Chairs:** José-Luis Bueno-López, Erdoğan Şendemir

1. **OP-16:** Effects of sodium nitrite-induced hypoxia on the cerebellar Purkinje cells in adult rats
Zaidi Z

2. **OP-17:** Systemic and local state of the head vessels under condition of alcoholic intoxication
Moldavskaja A, Kalaev A, Petrov V, Gorbunov A

3. **OP-18:** A simplified model of the neural stem cell niche featuring surrogate elements
Kahn N, Kaisman T, Fishman D, Brodski C, Silverman Z

4. **OP-19:** Sildenafil citrate induces reactive astrocytes formation in the hippocampus
Oyesomi TO, Ajao MS

5. **OP-20:** The effects of Garcinia kola (bitter kola) on the memory of malnourished mice
Ajayi SA, Nwoha PU

6. **OP-21:** Histological and stereological studies of apoptosis in adrenal cortex following dexametason administration and evaluation of silymarin effects on this process
Hamidian G, Majd NE, Varzi HN

7. **OP-22:** C-kit positive trigeminal neurons and interstitial Cajal like cells
Rusu MC, Pop F, Hostiu S, Dermengiu D, Ion DA, Mirancea N

8. **OP-23:** The effects of grape seed extract on learning and memory
Ozdemir MB, Yonguc N, Hatip-Ai-Khatip I, Adiguzel E

SXIV Joint Meeting of Anatomical Societies, 19-22 May 2011, Bursa, Turkey

Oral – 4		
Fri-20 May	17:00 – 18:30	Hall-B
Chairs:	Johannes Loffing, Gülgün Şengül	
1. OP-24:	Smoke extract of <i>Datura stramonium</i> leaf; effects on the heart, liver, lungs, kidney and testes of male Sprague Dawley rats <u>Tijani-Adekilakun A</u> , Adekomi DA, Muhammed AO	
2. OP-25:	Reversal of propoxur induced testicular alteration by <i>Cissus populnea</i> in Wistar rats <u>Oyewopo O</u> , Saalu LC, Osinubi AAA, Ashiru OA	
3. OP-26:	The protective effect of omega-3 against the neurotoxicity of ifosfamide in male rats <u>Aziz F</u> , Asad H	
4. OP-27:	Effects of smokeless tobacco use during pregnancy on liver of off springs of Swiss mice <u>Mughal F</u> , Memon Z, Kazi AS	
5. OP-28:	Study of leptin expression changes during human fetal kidneys development <u>Rancic G</u> , Atanossova P, Chalakov G, Cvetanović J, Rancic I, Lestarevic S	
6. OP-29:	Novel synthetic retinoids demonstrate different effects on limb and face development <u>Lopez-Real RE</u> , Budge JJR, Collings JC, Barnard JH, Marder TB, Whiting A, Hunt PN, Przyborski SA	
7. OP-30:	CpG oligodeoxynucleotides induce antimicrobial peptide cathelicidin expression in primary glial cells <u>Brandenburg LO</u> , Tauber S, Albrecht LJ, Jansen S, Gerger J, Wruck CJ, Pufe T	
8. OP-31:	Consanguinity, maternal age and parity influence the incidence of congenital malformations in fetus Kaki SB, <u>Abdul Latif AZ</u> , Hadi SA, Zin T	
Oral – 5		
Sat-21 May	09:45 – 12:00	Hall-B
Chairs:	Luis-Alfonso Arráez-Aybar, Z. Aslı Aktan İkiz	
1. OP-32:	Role of Ste20-like kinases SPAK and OSR1 in regulation of kidney electroneutral cation-Cl cotransporters by vasopressin <u>Saritas T</u> , Palige A, Ellison D, McCormick J, Delpire E, Borschewski A, Uchida S, Bachmann S, Mutig K	
2. OP-33:	Microscopic study on the pineal calcification of Bangladeshi cadavers Afroz H, <u>Nurunnabi ASM</u> , Ara S	
3. OP-34:	Pre- and postnatal development of the mandible <u>Mihaela M</u> , Vasca AM, Vasca MB, Fatu IC, Fatu C	
4. OP-35:	The corpse preserved with thiel's method and with reestablishment of the circulation by pumping pseudo blood, as model of continued learning of innovative surgical technologies <u>del Campo FS</u> , Ferrer MS, Ferrer MLS, Lara MH, Garcia VA, Calpena FT, De La Blanca AS	
5. OP-36:	Preservation of specimens using new flexible unsaturated polyester resin (UP 89) <u>Esfandiari E</u> , Mehr MS, Rabiei AA, Dashti GR	
6. OP-37:	Evaluation of variations and asymmetry in cerebral sulci Songur A, Songur A, <u>Gonul Y</u> , Uzun I, Uygur R, Alkoc OA, Caglar V, Kucuker H	
7. OP-38:	Invasive complimentary medicinal methods and related anatomical structures <u>Kalaycioglu A</u>	
8. OP-39:	Nano-bio glass biomimic scaffold fabrication for calvarial bone <u>Hossennejad F</u> , Hafezi F, Amiri A, Fooladi AAI, Nourani MR	
9. OP-40:	Potential role of nuclear factor erythroid 2-related factor 2 (NRF2) in the amelioration of amyotrophic lateral sclerosis (ALS) <u>Rosen C</u> , Fragoulis A, Pufe T, Wruck CJ	
10. OP-41:	TNF- α induced NRF2 activation in monocytes. <u>Fragoulis A</u> , Döring M, Rosen C, Brandenburg LO, Pufe T, Wruck CJ	

Oral – 6**Sat-21 May 13:00 – 14:30 Hall-A****Chairs:** Ernst Tamm, Yakup Gümüřalan

1. **OP-42:** Correlation dependence of rats small intestine peyer's patches' morphometric parameters
Kaschenko S, Morozova E

2. **OP-43:** Ethanol and nicotine developmental toxicity is mediated by gap junction disruption in cardiomyocytes in culture
Memon S, Pratten M

3. **OP-44:** Role of Connexin40 in developing ventricular conduction system
Benes J, Sankova B, Sedmera D

4. **OP-45:** Biological roles of clusterin in pancreatic beta-cell neogenesis
Park IS, Min BH

5. **OP-46:** PRP (platelet rich plasma) leads to an increase of VEGFR-2 expression in a microvascular tissue flap - a study in the VEGFR-2luc mouse
Sonmez TT, Vinogradov A, Tohidnezhad M, Zor F, Riediger D, Wruck CJ, Pufe T

6. **OP-47:** Histological and immunohistochemical studies on the postulated protective and therapeutic roles of pentoxifylline on thioacetamide induced hepatic injury in adult male albino rats
Ahmed MS

7. **OP-48:** NRF2 protects hepatocytes against liver injury and has a role in liver regeneration via stem cell activation
Wruck CJ, Streetz KL, Fragoulis A, Rosen C, Kan YW, Kensler TW, Pufe T

8. **OP-49:** Plurihormonal lactotroph/gonadotroph cells in the human foetal pituitary
Chirculescu ARM, Chirculescu M, Coculescu M, Morris JF

Oral – 7**Sat-21 May 13:00 – 14:30 Hall-B****Chairs:** Ofelia Gonzáles Sequeros, Emel Ulupınar

1. **OP-50:** Cortical branches of the superior cerebellar artery
Esmer AF, Sen T, Tuccar E, Karahan T

2. **OP-51:** Entrapment of median nerve after fracture dislocation of elbow: a proposal of a novel approach
Armangil M, Bilgin SS, Sen T, Basarir K, Esmer AF, Demirtas M

3. **OP-52:** Involvement of the ophtalmic nerve in Herpes zoster keratoconjunctivitis
Fatu C, Vascu MG, Fatu IC, Vascu AM, Moscu M

4. **OP-53:** Variations of the hypothalamic perforating branches in patients with anterior communicating artery aneurysms: a cadaveric anatomical study
Kuytu T, Kocaeli H, Yilmazlar S, Korfali E

5. **OP-54:** The morphometric evaluation of the tracheobronchial tree by multidetector computed tomography
Ulusoy M, Uysal II, Kivrak AS, Karabulut AK, Ozbek S, Paksoy Y

6. **OP-55:** Aberrant right subclavian artery: a MDCT study
Fazliogullari Z, Kivrak AS, Dogan NU, Karabulut AK, Uysal II, Ozbek S

7. **OP-56:** Study, in fetuses, of thoracic vagus nerves: their position and relation with gastric rotation
Biasutto SN, Ceccato GAF, de la Rosa M, Bortolin PA, Aliendo M, Repetto E

8. **OP-57:** Engineering of a dermal matrix scaffold with adult mesenchymal stem cells and platelet rich plasma: an innovative potential tool for tissue repair and regeneration
Zecchi-Orlandini S, Benvenuti S, Mercatelli R, Mirabella C, Saccardi R, Formigli L, Orlandini GE

SXVI Joint Meeting of Anatomical Societies, 19-22 May 2011, Bursa, Turkey

Oral – 8		
Sat-21 May	17:00 – 18:30	Hall-A
Chairs:	Giovanni Orlandini, Safiye Çavdar	
1. OP-58:	Incidence of congenital malformations in fetal autopsies – Profile of 150 cases <u>Kapoor K</u> , Singh B, Sharma A	
2. OP-59:	Prophylactic effects of melatonin on cyclophosphamide induced skeletal and neural tube defects in mice embryos <u>Mahabady MK</u> , Varzi HN, Bakhtiari E	
3. OP-60:	Characterization of haemathrosis derived stem cells after abrasion arthroplasty <u>Rainer B</u> , Hartz C, Lippross S, Pries F, Neuß-Stein S, Seekamp A, Varoga D, Pufe T	
4. OP-61:	Structural divergence and spatial synexpression of nodal and dynein in the posterior notochord during left-right differentiation of the mammalian embryo Schröder S, Tsikolia N, Feistel K, Blum M, Hue I, Rath D, Schwartz P, <u>Viebahn C</u>	
5. OP-62:	Prenatal pathology does not influence significantly the vertical growth of long bones <u>Kaki SB</u> , Abdul Latif AZ, Hadi SA, Zin T	
6. OP-63:	A new paradigm for learning and teaching histology <u>Meyer G</u>	
7. OP-64:	Volume and cell number of the carotid body in human: a stereological study <u>Acar T</u> , Songur A, Kaplan S, Uzun I, Kucuker H	
8. OP-65:	Changes in collagen cross-links: hydroxylslyl-pyridinoline, hydroxylslysinorleucin and pentosidine, with advancing age and severe disc degeneration <u>Al-Abbasi M</u> , Tarlton J	
Oral –9		
Sat-21 May	17:00 – 18:30	Hall-B
Chairs:	Andy Chirculescu, Ümit S. Şehirli	
1. OP-66:	Biomechanical and virtual investigation of pelvic open book injuries <u>Hammer N</u> , Steinke H, Lingslebe U, Böhme J, Slowik V, Bechmann I	
2. OP-67:	Positions of the anatomical structures of temporal bone related to pneumatization Turan B, <u>Tatlisumak E</u> , Aslan A	
3. OP-68:	Age-dependent biomechanical properties of the iliotibial tract for pelvic finite elements analysis <u>Steinke H</u> , Hammer N, Lingslebe U, Böhme J, Hädrich C, Slowik V, Josten C, Bechmann I	
4. OP-69:	Evidence that palisade endings in extraocular muscles are innervated by motor nuclei <u>Zimmermann L</u> , Pastor AM, May PJ, Streicher J, Blumer R	
5. OP-70:	New anatomoradiological findings about human temporomandibular joint Mañas CB, <u>Sequeros OG</u> , Cascales MM, Cabrera RS, Reviriego RL	
6. OP-71:	Origin of the sciatic artery Soames R, <u>AlTalalwah W</u>	
7. OP-72:	Limb vein pattern analysis for human forensic identification. <u>Meadows H</u>	
8. OP-73:	A comparison of prosections and ultrasound as modalities for teaching cardiac anatomy <u>Griksaitis M</u> , Sawdon M, Finn G	
Poster Presentations - A (Fri-20 / PP-1 — PP-175)		
Poster Presentations - B (Sat-21 / PP-176 — PP-358)		