

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

Participating Societies

Anatomical Society of Great Britain and Ireland (**ASGBI**)
Anatomische Gesellschaft (**AG**)
Schweizerische Gesellschaft für Anatomie, Histologie und Embryologie / Société
Suisse d'Anatomie, d'Histologie et d'Embryologie" (**SGAHE / SSAHE**)
Sociedad Anatómica Española (**SAE**)
Società Italiana di Anatomia e Istologia (**SIAI**)
Türk Anatomi ve Klinik Anatomi Derneği (**TAKAD**)

Honorary Council

Bernard J. Moxham (**IFAA**)
Hakan Hamdi Çelik (**TAKAD**)
D. Ceri Davies (**ASGBI**)
Johannes Loffing (**SGAHE / SSAHE**)
Jóse-Luis Bueno-Lopez (**SAE**)
Giovanni Orlandini (**SIAI**)
Ernst Tamm (**AG**)

Organizing Committee

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Erdoğan Şendemir

General Secretary

M. Ayberk Kurt

International Coordinators

Stephen Carmichael
Friedrich Paulsen

Scientific Committee

M. Ali Malas
Levent Sarıkçıoğlu
Ümit S. Şehirli
Muzaffer Şeker

Social Committee

Cem Cemil Denk
Ahmet Kalaycıoğlu
Ilkan Tatar
Ahmet Usta

Data Processing

Ilker M. Kafa



Congress President

**Dr. Erdoğan Şendemir**

*Professor of Anatomy, Faculty of Medicine,
Uludag University, Bursa, Turkey*

Dr. Erdogan Sendemir was born in Bursa, Turkey in 1960. He was graduated from Bursa Anatolian High School in 1978 and from Uludag University Faculty of Medicine in 1985. After finishing his obligatory service in Akhisar, Manisa, he started his specialty in Uludag University, Medical Faculty, Department of Anatomy in 1988 and gave his thesis about "Effects of insulin and/or alfamethylparathyrosine injections on thyrosine hydroxylase activity and catecholamine levels in the adrenal medulla of rats following hemi- or transection of their spinal cords" in 1990. After his military service, he was attended as assistant professor at Uludag University, Faculty of Medicine, Department of Anatomy in 1993. In 1994 he spent

nine months as a "Visiting Scientist in Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology (MIT), Cambridge, MA" and studied in G. Schneider's lab with R.S. Erzurumlu and S. Jhaveri. He received his associate professor title in 1997. Between 1999 and 2000, he continued his research as a "Research Fellow in Louisiana State University (LSU), School of Medicine, Anatomy and Cell Biology Department, New Orleans, LA" for six months with R.S. Erzurumlu. By 2002 he received his professorship and elected as the head of department. He spent two years with G.F. Jirikowski in Friedrich-Schiller Universitaet (FSU), Anatomie Institut, Anatomie II, Jena as a visiting scientist in 2003-2005. He has about 20 international publications, 25 international presentations in international congresses and about 40 citations in indexed international scientific journals. He has two international awards. His scientific fields of interest are: Thalamocortical development, and neural regulation of sympathoadrenal system.

Secretary General

**Dr. M. Ayberk Kurt**

*Professor of Anatomy, Faculty of Medicine,
Uludag University, Bursa, Turkey*

Dr. M. Ayberk Kurt was born in Samsun, Turkey in 1968. He was graduated from Uludag University Faculty of Medicine in 1992. Following his obligatory service in Bartın, he started his specialty in medicine degree in Uludag University, Medical Faculty, Department of Anatomy in 1994. In 1996, he started his PhD in "University of London, St. George's Hospital Medical School" and held his PhD degree in September 1999 with the thesis entitled "The ultra-

structure and Immunochemistry of the Alzheimer's Disease Neuropathology: Investigation of human biopsy and mouse model brains". In 2000, he returned to the Uludag University, Faculty of Medicine, Anatomy Department, completed his specialist in medicine degree in January 2000 with the thesis entitled "The effect of spinal cord hemi-section on compensatory adrenal growth" and became an assistant professor in the same year. He was attended as associate professor and professor at the same department in 2003 and 2010, respectively. He has more than 50 publications and 300 citations. His research interests are; Alzheimer's disease, sepsis and septic encephalopathy, peripheral nerve regeneration and axonal regeneration. He is married with two children.

International Coordinators

**Dr. Stephen Carmichael**

*Professor Emeritus of Anatomy and Orthopedic
Surgery, Mayo Clinic/Foundation, Rochester, MN, US*

Dr. Stephen Carmichael was born in Detroit, Michigan in 1945. He was graduated from Kenyon College in Gambier, Ohio and received his PhD degree from Tulane University in New Orleans, Louisiana. He was then appointed as instructor and assistant professor, respectively in West Virginia University, where he worked between 1971 and 1982. He continued his carrier in Mayo Clinic/Foundation as Associate Professor of Anatomy until 1987 and Professor of Anatomy until 2007. He was the chair of the Department of Anatomy in 1991-2005, received a joint appointment as Professor of Orthopedic Surgery in 1997-2007 and he served as the Associate Director of Procedural Skills Laboratory in 2000-

2005 in Mayo Clinic/Foundation, where he is working as Professor Emeritus of Anatomy and Orthopedic Surgery from 2007 until present. Dr. Carmichael is a member of 26 Scientific Societies and has been the President of Histochemical Society (1997-1998), President of Mayo Chapter of Sigma Xi (1996-1997), President of Association of Anatomy, Cell Biology, and Neurobiology (2002-2003), Chair of Anatomical Terminology Committee of American Association of Anatomists (2006-2009) and member of Item Writing Committee for Gross and Developmental Anatomy in National Board of Medical Examiners (2002-2006). Dr. Carmichael currently serves as the Editor-in-Chief of Clinical Anatomy (2000- present) and a member of Federative International Program on Anatomical Terminology (2007-present). His research interests mainly focuses on Neuroscience: The adrenal chromaffin cell as a model neuron. He has more than 150 published articles and 150 abstracts and he authored or co-authored (with Susan Stoddard)

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

7 books on the adrenal medulla, one book on climbing Mount Kilimanjaro and 3 anatomy books. His teaching interests are Gross Anatomy, Developmental Anatomy (Embryology) and Microscopic Anatomy (Histology). Dr. Carmichael received several honors for teaching, including Teacher of the Year, Mayo Medical School; Fellow, honoris causa, The Zoological Society of India; Honorary Professor, University of Pretoria; "Volunteer of the Year," Courage Alpine Skiers, (teaching skiing to children with handicaps).



Dr. Friedrich Paulsen

Professor, Head of the Department of Anatomy II, Friedrich Alexander University Erlangen-Nuremberg, Germany

Dr. Friedrich Paulsen is Secretary of the Anatomische Gesellschaft serving in this position from 2010-2014. One year ago Paulsen moved from Martin Luther University of Halle-Wittenberg/Germany to FAU Erlangen and succeeded here Professor Elke Lütjen-Drecoll a well known anatomist with a focus on glaucoma research who retired. Paulsen's research interests include innate immune mechanisms at the ocular surface, tear film and lacrimal apparatus as well as dry eye and articular joint diseases. Paulsen educated at Christian Albrecht University of Kiel/Germany. He was one of the founders of the so called "dissection course for anatomists" an Annual Dissection Meeting in Gross Anatomy for anatomists, biologist and members of the society to preserve dissection techniques in the younger anatomical generation. Moreover, Paulsen serves as Editor-in-Chief of the "Annals of Anatomy, he has edited the 23rd edition of the "Sobotta" Atlas and he is currently Secretary General of the IFAA.

Members of the Scientific Committee



Dr. Mehmet Ali Malas

Professor of Anatomy, Faculty of Medicine, İzmir Katip Çelebi University, İzmir, Turkey

He was born in Konya in 1965. He was graduated from Konya Technical High School in 1983 and from Selçuk University, Meram School of Medicine in 1990. He started his doctorate in Selçuk University, Faculty of Meram Medicine, Department of Anatomy in 1991 and gave his thesis about "Vertebral level of termination of the spinal cord between newborn and seven ages in childhood by ultrasound" in 1995. He was attended as assistant professor at Süleyman Demirel University, Faculty of Medicine, Department of Anatomy in 1995. He received his associate professor title in 2002 and professor title in 2007. He has been working in the same department as Professor and the head of department. He has 28 international publications, 15 international presentations in international congress, 56 national publications, 41 national presentations in national congress. He has 1 national scientific award. In 2011 he was appointed as Dean of the Faculty of Medicine of İzmir Katip Çelebi University. His scientific fields of interest are fetal anatomy, development anatomy and radiological anatomy.



Dr. Levent Sarıkcioglu

Associate Professor of Anatomy, Faculty of Medicine, Akdeniz University, Antalya, Turkey

Dr. Levent Sarıkcioglu was born in Adana, in 1972. He was graduated from Istanbul University Cerrahpaşa Medical Faculty Department of Medical Biological Sciences in 1995. He finished his MSc and PhD studies at Akdeniz University, Faculty of Medicine, Department of Anatomy in 1998, 2003, respectively. He was attended as assistant professor at the same department in 2006. He received his associate professor title in 2007. He has 45 international publications. His research interests are peripheral nerve regeneration and specificity of the axonal regeneration. He is married with two children.



Dr. Ümit S. Şehirli

Associate Professor of Anatomy, Faculty of Medicine, Marmara University, Istanbul, Turkey

Ümit S. Şehirli, M.D, PhD was born in Rize Turkey in 1967. He was graduated from Samsun Anatolian High School in 1985 and from Marmara University School of Medicine in 1992. He had his obligatory service in Hizan, Bitlis. He finished both specialty and doctorate programs in Anatomy. He was appointed as an assistant professor of anatomy at Marmara University School of Medicine in 2001 and became an associate professor in 2005. He had international experience in Canada, Dalhousie University, Department of Anatomy and Neurobiology (2002) and in UK, Aston University, School of Health and Life Sciences, Physiology and Pharmacology Research Group (2006-2007) as a visiting scientist. He has 15 publications in SCI. His research interests are the developmental properties of pedunculo-pontine nucleus, brain stem organization and degenerative changes in epilepsy. He also has studies on increasing cadaver donation in Turkey. He received several awards from Turkish Epilepsy Association and Brain Research Association. He is Erasmus Coordinator of School of Medicine.



Dr. Muzaffer Şeker

Professor of Anatomy, Selcuk University Meram Medical Faculty, Konya, Turkey

Muzaffer Şeker was born in İzmir (1961), Turkey. He graduated from Bursa Uludağ University Faculty of Veterinary Medicine in 1986. As a research assistant he started his post-graduate studies at the Institute of Health Sciences, Anatomy Department, Faculty of Medicine Selcuk University, in 1987 and then he got a scholarship to study in Leicester University for Ph.D degree in 1990. After completing and defending successfully his thesis titled "The

Morphometric and Immunocytochemical Analysis on the Human Carotid Body”, he received Ph.D Degree in 1995. During this post-graduate studies, he visited and worked in Pathology department of Sacler Medical School, University of Telaviv and Human Anatomy Department, Faculty of Medicine and Health Science, in the U.A.E University (1992-1994). He was appointed as an assistant professor at Selcuk University in 1996. He was the chairman of Anatomy Department between 03.02.1998 - 29.12.1998. He was the Deputy Director of the Experimental Medicine and Research Center of the Faculty of Medicine in Selcuk University between 1996 -2000. He

received his associate professor degree in 2000 and has been working in the same department as a professor since 2006. His scientific fields of interest are developmental anatomy, neuroanatomy, cardiovascular and clinical anatomy and also medical education techniques. He has been a member of the board of Turkish Anatomy and Clinical Anatomy Assosiation as a vice president and treasurer since 2002. He is a member of the Federative International Programme for Anatomical Education (FIPAE) group since 2010. In 2011 he was appointed as Rector of the Konya University.

Members of the Social Committee



Dr. C. Cem Denk

Professor of Anatomy, Faculty of Medicine, Hacettepe University, Ankara, Turkey

Dr. Cemil Cem Denk was born in Ankara, in 1967. He was graduated from Faculty of Medicine, Anadolu University. After finishing his obligatory service as a general practitioner in Mudurnu (1994-1997), he started his doctoral studies in the Department of Anatomy, Faculty of Medicine, Hacettepe University (1994-1997) and gave his thesis about "Height of normal pituitary gland on MRI". After his military service, he was attended as assistant professor at Hacettepe University, Faculty of Medicine, Department of Anatomy in 2003. He received his associate professor degree in 2003 and has been working in the same department as a professor since 2010. His scientific fields of interest are anatomy education, gross anatomy, anatomy and medical terminology, 3-D anatomy, sectional anatomy, radiologic anatomy and clinical anatomy, medical education techniques. Besides his academic career, he is interested in philosophy, ethics, music and computer with informatics. Along his academic career, he served as a member of faculty committee and faculty executive committee, phase II assistant coordinator, member of organization and operation commission of student societies. He serves as a consultant for "TÜBA - Dictionary of Scientific Terms in Turkish Project".



Dr. Ahmet Kalaycıoğlu

Professor of Anatomy, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey

Ahmet Kalaycıoğlu was born in 1965, Çarşamba / Samsun. He finished first school and middle school in Çarşamba, high school in Trabzon Lisesi, Trabzon. In 1982, he started for university education at Atatürk University Faculty of Medicine. In 1985, then he made transfer to Karadeniz Technical University Faculty of Medicine. Dr. Kalaycıoğlu finished university education in 1989. After graduating he worked different places with health ministry system. He worked as human anatomy PhD in health sciences institute, Karadeniz Technical University, between 1990-1995. Professor Ahmet Kalaycıoğlu has been working in Karadeniz Technical University, Faculty of Medicine, Department Anatomy since 1998. He was head of department since 2002. Kalaycıoğlu have got acupuncture, sports medicine, quantum medi-

cine, voll method's acupuncture, quantum diagnosis, magnetic-infrared-laser therapy certificated. Kalaycıoğlu is married, and he have a daughter and a boy.



Dr. İlkan Tatar

Associate Professor of Anatomy, Faculty of Medicine, Hacettepe University, Ankara, Turkey

Dr. Tatar was born in Izmir at April 2, 1976. He was graduated from "Izmir Atatürk Lisesi" in 1992 and from "Hacettepe University Faculty of Medicine" in 2000. He started his medical proficiency in "Hacettepe University Faculty of Medicine, Department of Anatomy" in June 2001 and held his specialist in medicine degree in June 2005 with the thesis entitled "Computer aided 3d reconstruction and volume calculation of the intraorbital part of the optic nerves of healthy adults with high resolution (3T) MRI sections". He studied with Asc. Prof. Mehmet Bilgen, Chief of the Preclinical Animal Imaging Research Laboratory of the Department of Radiology, Medical University of South Carolina, Charleston, SC, for the project entitled with 'Micro-MRI investigation of the mouse spinal cord injury' in 2008. He was also a research scholar of the Turkish Scientific and Technical Research Agency (TUBİTAK) with the project entitled with 'Diffusion Tensor Imaging (DTI) of brainstems taken from fresh cadavers'. He studied with Ass. Prof. Mustafa Başkaya, Chief of the NeuroAnatomy Laboratory and Resident Educational Program, Department of Neurological Surgery, University of Wisconsin. Madison, WI in 2009. He was promoted as an Associate Professor of Anatomy in January 2011. He has more than 40 national and international presentations in scientific meetings, over 30 international publications in medical journals cited by SCI and three national scientific awards. He is an associate editor of ANATOMY journal (Official journal of the TSA) since 2011 and one of the managing editors of NEUROANATOMY journal since 2008. He is also a PhD candidate in Basic Neurosciences Doctorate Program, Hacettepe University Neurological and Psychiatric Sciences Institution under mentoring of Prof. Turgay Dalkara. He is interested in neuroanatomy, micro imaging systems (micro-CT and micro-MRI), microscopic anatomy (especially SEM), plastination, scientific journalism, sectional anatomy, three-dimensional reconstruction and medical anthropology. He is also interested in Turkish and Persian music and literature, playing and collecting some traditional Turkish musical instruments. Dr Tatar is married with Dr. Emel Çadallı Tatar and has one daughter.



Dr. Ahmet Usta

Professor of Anatomy, Faculty of Medicine, Istanbul University, Istanbul, Turkey

Dr. Ahmet Usta was born in Artvin, Turkey in 1961. He was graduated from Istanbul University, Faculty of Medicine in 1985. After his two years obligatory service, he started doing his specialty at Istanbul University, Faculty of Medicine, Department of Anatomy in 1987. In 1991, he received his specialist title. He spent nineteen months of this period for his own anatomy education in USA. After finishing his Anatomy

Education, he worked as an Assistant Professor for same Department. In 1993, he completed his military service and become an associated and full professor in 1996 and 2002 respectively. Dr. USTA has become Biomedical Engineer after finishing a master program in Biomedical Engineering Institute of Bogazici University in 2000. He has been teaching at the Anatomy Department of Istanbul University, Medical Faculty as a professor since 2002. He also teaches at the Medical Education Department of the same Faculty. Dr. Usta has more than 50 publications in anatomy field. He is also in the editorial boards of 2 scientific journals. He is married and father of two daughters.

Data Processing



Dr. İlker Mustafa Kafa

Specialist of Anatomy, Faculty of Medicine, Uludag University, Bursa, Turkey

Dr. İlker Mustafa Kafa was born in Ankara, Turkey, in 1973. He was graduated from Faculty of Medicine of Uludag University and held his specialist in medicine degree from Department of Anatomy Faculty of Medicine of

Uludag University at 2005 with the thesis entitled "Light microscopic investigation of hippocampal morphological changes in fecal peritonitis model of sepsis". He was started his PhD program at 2007 in Department of Histology and Embryology, Faculty of Medicine of Uludag University; with his thesis entitled "The role of glutamate agonists on the neuronal activation in hypothalamus". His main scientific areas of interest are neuroanatomy, neurodegenerative diseases and encephalopathies, electrophysiology and kisspeptins. He is also interested in music, writing and astronomy.