

IFSHC

15th International Congress of Histochemistry and Cytochemistry

"From Molecules to Diseases"

POCKET PROGRAM



ICHC 2017

Kervansaray Lara Hotel, ANTALYA
May 18 - 21, 2017

Turkey

in memory of

Prof. Dr. Suzan Dağlıođlu
1953 - 2017



15th International Congress of Histochemistry and Cytochemistry

"From Molecules to Diseases"

ICHC 2017

Kervansaray Lara Hotel, ANTALYA
May 18 - 21, 2017

Turkey

PROGRAM AT A GLANCE

THURSDAY / 18.05.2017

08:00 18:00	REGISTRATION	09:00 18:30
09:00 13:00	WORKSHOP-1 - HALL 1 WORKSHOP-2 - HALL 2 WORKSHOP-3 - HALL 3	09:45 10:30
12:30	IFSHC - FIRST DELEGATE'S MEETING HALL 4	10:30 11:00
13:00 14:00	LUNCH	
15:00 15:45	OPENING CEREMONY HALL A	11:00 12:00
15:45 16:45	DAVID GLICK LECTURE HALL A	12:00 13:00
16:45 17:45	KEYNOTE LECTURE HALL A	13:00 14:00
17:45 18:00	Paul Nakane Prize Award CEREMONY	14:00 14:45
18:00 19:30	WELCOME RECEPTION EXHIBITION HALL	14:45 15:45
		15:45 16:45
		16:45 17:30
		17:30 18:30
		20:00
		21:00

FRIDAY / 19.05.2017

REGISTRATION		
PLENARY LECTURE 1 HALL 1		
COFFEE BREAK		
HALL 1	HALL 2	HALL 3
S-1 Epigenetics and Molecular Cytogenetics Oral presentation	S-2 Cellular Aging and Cell Death-I	S-3 Developmental and Reproductive Biology-I Oral presentations
S-4 Glycobiology		
LUNCH		
PLENARY LECTURE 2 HALL 1		
HALL 1	HALL 2	HALL 3
S-5 Cancer Biology -I	S-6 Calcified Tissues, Biomaterials and Regenerative Medicine Oral presentations	S-7 Stem Cells-I Technical Presentation
S-8 In Vivo Imaging		
POSTER SESSION - I & COFFEE BREAK		
	S-9 Cellular Aging and Cell Death-II Oral presentations	
SOCIAL PROGRAMME		

SATURDAY / 20.05.2017

21.00

REGISTRATION**PLENARY LECTURE 3
HALL 1****PLENARY LECTURE 4
HALL 1****COFFEE BREAK**

HALL 1	HALL 2	HALL 3
S-10 Correlating Light and Electron Microscopy	S-11 Developmental and Reproductive Biology-II	S-12 Pathology and Clinical Medicine-I
S-13 Structure and Function of the Cell	Oral presentations	Oral presentations

LUNCHIFSCH - HALL 4
SECOND DELEGATES'
MEETING**PLENARY LECTURE 5
HALL 1**

HALL 1	HALL 2	HALL 3
S-14 Techniques in Immunohistochemistry	S-15 Neuroscience	S-16 Pathology and Clinical Medicine-II
Oral presentations	Oral presentations	Oral presentations

POSTER SESSION - II & COFFEE BREAKS-17
Stem Cells-II

Oral presentations**GALA DINNER****SUNDAY / 21.05.2017****REGISTRATION**Young Histochemist
AwardeesLet The Seniors Share
Their Expertises with
JuniorsTechnical
Presentation**COFFEE BREAK**

HALL 1	HALL 2	HALL 3
S-18 Developmental and Reproductive Biology-III	S-19 Advances in Image Analysis	S-20 Cancer Biology-II
Oral presentations	Oral presentation	Oral presentations

CLOSING CEREMONY & FAREWELL PARTY**EXCURSION**

18 May 2017, Thursday**08:00 - 18:00 REGISTRATION****09:00 - 13:00 WORKSHOP-1 - HALL 1**

Immunogold staining

Lecturers: S. Şirvancı, D. Akakın, Ö.T. Kaya (Marmara University, Turkey)

WORKSHOP-2 - HALL 2

Introduction to three-dimensional modeling and animation in histology and embryology

Lecturer: T. Peker (Gazi University, Turkey)

WORKSHOP-3 - HALL 3

Basic stem cell culture techniques and applications

Lecturers: I. Tuglu, S. Inan, E. Turkoz Uluer, I. Aydemir, P. Kilicarslan Sonmez (Celal Bayar University, Turkey)

12:30 - 14:00 IFSHC - FIRST DELEGATE'S MEETING (HALL 4)**13:00 - 14:00 LUNCH****15:00 - 15:45 OPENING CEREMONY - HALL A****15:45 - 16:45 DAVID GLICK LECTURE - HALL A**

John Couchman (Denmark)

Syndecans: receptors with signalling functions and roles cell adhesion and disease

Chair: Ron van Noorden (The Netherlands)

16:45 - 17:45 KEYNOTE LECTURE - HALL A

Ron van Noorden (The Netherlands)

What is new in histochemistry and cytochemistry

Chair: Serap Arbak (Turkey)

17:45 - 18:00 Paul Nakane Prize Award CEREMONY**18:00 - 19:30 WELCOME RECEPTION**

19 May 2017, Friday

09:00 - 18:30 **REGISTRATION**

09:45 - 10:30 **PLENARY LECTURE 1 - HALL 1**

Christopher Cremer (Germany)

Single molecule localization microscopy of nuclear genome nanostructure

Chair: Ron van Noorden (The Netherlands)

10:30 - 11:00 **COFFEE BREAK**

11:00 - 12:20 **S-1**

Epigenetics and Molecular Cytogenetics

Chairs: Christopher Cremer (Germany) & Marion Cremer (Germany)

11:00 - 11:30 Marion Cremer (Germany) (Invited speaker)

Distinct 3D nuclear topography of active and inactive regulatory sequences studied with super-resolution fluorescence microscopy

11:30 - 12:00 Milena Georgieva (Bulgaria) (Invited speaker)

Epigenetic significance of higher-order chromatin organization in health and disease

Oral presentation

12:00 - 12:10 Odontoclastic differentiation ability of human dental pulp cells in the presence of triethylene glycol dimethacrylate.

Zeynep Öncel Torun, Deniz Torun, Barış Baykal, Ali Öztuna, Fatih Yeşildal, Ferit Avcu (Turkey)

12:10 - 12:20 Discussion

12:20 - 13:00 **S-4**

Glycobiology

Chair: John Couchman (Denmark)

12:20 - 12:50 Gunnar Pejler (Sweden) (Invited speaker)

Serglycin proteoglycan: regulating apoptosis and protease-dependent epigenetic events

Discussion

13:00 - 14:00 **LUNCH**

19 May 2017, Friday**14:00 - 14:45 PLENARY LECTURE 2 - HALL 1**

Vasif Hasırcı (Turkey)

The dialog between biomaterials and cells

Chair: Giuseppe Musumeci (Italy)

14:45-15:45 S-5**Cancer Biology -I**

Chairs: Gülperi Öktem (Turkey) & Agnes Kittel (Hungary)

14:45-15:15 Agnes Kittel (Hungary) (Invited speaker)

Extracellular vesicles and their potential applications in cancer research

15:15-15:45 Nihal Karakaş (Turkey) (Invited speaker)

In vivo imaging of therapeutic efficacy in stem cell implanted brain tumors.

15:45 - 16:45 S-8**In Vivo Imaging**

Chairs: Ralph Meuwissen (Turkey) & Alper Özgür Karaçalıoğlu (Turkey)

15:45-16:15 Ralph Meuwissen (Turkey) (Invited speaker)

Advances in noninvasive imaging: Implications for pre-clinical research

16:15-16:45 Alper Özgür Karaçalıoğlu (Turkey) (Invited speaker)

In vivo tracking of biologic molecules: from the cell to small laboratory animals

16:45 - 17:30 POSTER SESSION-I & COFFEE BREAK**21:00 SOCIAL PROGRAMME**

19 May 2017, Friday**09:00 - 18:30 REGISTRATION****10:30- 11:00 COFFEE BREAK****11:00 - 13:00 S-2****Cellular Aging and Cell Death-I**

(Sponsored by International Cell Death Society)

Chairs: Zahra Zakeri (USA) & Richard Lockshin (USA)

11:00 - 11:30 Zahra Zakeri (USA) (Invited speaker)

Viral infection and cell death

11:30 - 12:00 Richard Lockshin (USA) (Invited speaker)

Relationship of cell death and aging

12:00 - 12:30 Jerry Edward Chipuk (USA) (Invited speaker)

Mitochondrial division and melanoma: Causes and Consequences

12:30 - 13:00 Raymond Birge (USA) (Invited speaker)

Phosphatidylserine sensing by TAM receptors regulates AKT-dependent chemo-resistance and PD-L1 expression

13:00 - 14:00 LUNCH**14:45-16:45 S-6****Calcified Tissues, Biomaterials and Regenerative Medicine**

Chairs: Petek Korkusuz (Turkey) & Giuseppe Musumeci (Italy)

14:45 - 15:15 Petek Korkusuz (Turkey) (Invited speaker)

Cell gate of osteoporosis

15:15 - 15:45 Giuseppe Musumeci (Italy) (Invited speaker)

(Sponsored by Journal of Functional Morphology and Kinesiology)

The effects of physical activity, tissue engineering and mechanobiology on articular cartilage

15:45 - 16:15 Yannis Missirlis (Greece) (Invited speaker)

All the appropriate signals are necessary for engineering proper tissues:
a prerequisite for successful tissue engineering

19 May 2017, Friday

Oral presentations

- 16:15-16:25 Differential proteomics analysis of axolotl's regenerating tail
Turan Demircan, Ilknur Keskin, Gürkan Öztürk, Ahmet Tarık Baykal (Turkey)
- 16:25-16:35 The behavior of menstrual blood-derived stem cells on electrospun polymeric fibers
Deniz Yücel, Hazal Gezmis, Seçil Demir, Gamze Torun Köse, Nesrin Hasırcı, Vasif Hasırcı (Turkey)
- 16:35-16:45 The effect of electro magnetic fields on stem and cancer cell
İbrahim Mehmet Tuğlu, Mehmet Gümüşay, Suna Saygılı, Şamil Öztürk, Mahmut Özkut, İşıl Aydemir, Adnan Kaya (Turkey)

16:45 - 17:30 POSTER SESSION-I & COFFEE BREAK**17:30 - 18:30 S-9****Cellular Aging and Cell Death-II**

Chairs: Sevda Müftüoğlu (Turkey) & Marianne Pedersen (Denmark)

Oral presentations

- 17:30-17:40 Biological activities of natural compounds extracted from {rhamnus alaternus} plant
Wissem Bhourri, Ines Bouhlel, Leila Chekir Ghedira (Tunisia)
- 17:40-17:50 Endocannabinoid induced apoptotic cell death on endometriotic cells
Elif Bilgiç, Emine Elif Güzel Meydanlı, İrem Akar, Sevil Köse, Eda Karaismailoğlu, Alp Usubütün, Petek Korkusuz (Turkey)
- 17:50-18:00 Effect of folic acid on testicular toxicity induced by bisphenol A in male Wistar rats
Özay Güleş, Mustafa Yıldız, Zahid Naseer (Turkey)
- 18:00-18:10 The role of p97/VCP (Valosin containing protein) in mouse Sertoli cell's autophagy and protein degradation
Sevil Çaylı, Tuba Özdemir Sançı, Cansu Şahin, Hilal Nakkaş, Seda Ocaklı (Turkey)
- 18:10-18:20 Stem cell-induced differential gene expression profiles associated with apoptosis, necrosis and anoikis: Novel insights into cell death mechanisms in prostate cancer
Cüneyd Parlayan, Şule Ayla, Guvanch Ovezmyradov, Gunel Mukhtarova, Gülperi Öktem

Discussion

21:00 SOCIAL PROGRAMME

19 May 2017, Friday

09:00 - 18:30 REGISTRATION

10:30- 11:00 COFFEE BREAK

11:00 - 13:00 S-3

Developmental and Reproductive Biology-I

Chairs: Çiler Çelik Özenci (Turkey) & Oya Evirgen (Turkey)

11:00-11:30 Çiler Çelik Özenci (Turkey)(Invited speaker)
Blastocyst and the receptive endometrium: it takes two to tango

Oral presentations

11:30-11:40 The role of trophoblastic items in oocyte culture
Hilal Kabadayı, Kemal Özbilgin, Hafize Seda Vatanser (Turkey)

11:40-11:50 Influence of estrogen receptor phosphorylation at serine 309 on male reproductive function of mice
Zhen Li, Jinhua Wei, Binfang Ma, Pang Cheng, Jie Zhao, Xiao Feng, Yuanqiang Zhang (China)

11:50-12:00 Two-dimensional and three-dimensional endometrial co-cultures: novel approaches for {In-vitro} implantation models
Sercin Karahüseyinoğlu, Deniz Yücel, Gizem Nur Şahin, Kübra Sarı, Ahmet Kocabay, Ali Cihan Taşkın (Turkey)

12:00-12:10 The relation of Adam2 (Fertilin), catsper, Sox5, septin 12 and histone 3 expressions with the function of spermatozoa in male infertility
Sercin Karahüseyinoğlu, Şule Ayla, Özge Biçeroğlu, Kübra Sarı, Gizem Nur Şahin, Tuba Varlı Yelke (Turkey)

12:10-12:20 The effect of different vitrification solutions and devices on cat ovarian tissue
Ferda Topal Çelikkan, Murside Ayşe Demirel, Duygu Baki Acar, Sinan Ozkavukcu, Seçkin Salar, Esra Atabenli Erdemli, Ayhan Bastan (Turkey)

12:20-12:30 The role of CX3CL1 in fetal-maternal interaction during human gestation
Elif Kervançoğlu Demirci (Turkey), Lois A. Salamonsen (Australia), Martin Gauster (Austria)

Discussion

19 May 2017, Friday**13:00 - 14:00 LUNCH****14:45-16:25 S-7****Stem Cells-I**

Chairs: Marius Z. Ratajczak (USA) & Erdal Karaöz (Turkey)

14:45-15:15 Marius Z. Ratajczak (USA) (Invited speaker)

Current status and future of stem cell therapies - novel view on stem cells isolated from adult tissues

15:15-15:45 Erdal Karaöz (Turkey) (Invited speaker)

Stem cell applications on neuro-muscular degenerative disorders: bench to bedside

15:45-16:15 Alp Can (Turkey) (Invited speaker)

Stem cell approaches contributing to the therapy of ischemic cardiomyopathy

Discussion

16:25-16:45 Technical Presentation-I

Chair: Gülnur Kızılay Özfidan (Turkey)

16:25-16:45 Cytation™ 5 Cell Imaging, BioTek, Andreas Riger (USA)

Discussion

16:45 - 17:30 POSTER SESSION-I & COFFEE BREAK**21:00 SOCIAL PROGRAMME**

20 May 2017, Saturday**09:00 - 18:30 REGISTRATION****09:00 - 09:45 PLENARY LECTURE 3 - HALL 1**

Bruno M. Humbel (Switzerland)

Correlative light and electron microscopy approaches in cell biology

Chair: Alberto Luini (Italy)

09:45 - 10:30 PLENARY LECTURE 4 - HALL 1

Nadine Peyrieras (France)

3D+time imaging data and image analysis for the reconstruction of multilevel dynamics in animal morphogenesis

Chair: Gunnar Pejler (Sweden)

10:30 - 11:00 COFFEE BREAK**11:00 - 12:00 S-10****Correlating Light and Electron Microscopy**

Chairs: Bruno M. Humbel (Switzerland) & Irina Kolotueva (Switzerland)

11:00-11:30 Alberio Luini (Italy) (Invited speaker)

Visualizing multi-protein complexes by correlative video-light and electron microscopy

11:30-12:00 Irina Kolotueva (Switzerland) (Invited speaker)

Array tomography for small asymmetric samples: a direct 3D correlative light and electron microscopy method

12:00 - 13:00 S-13**Structure and Function of the Cell**

Chairs: Hinke Multhaupt (Denmark) & Arzu Karabay Korkmaz (Turkey)

12:00-12:30 Hinke Multhaupt (Denmark) (Invited speaker)

Heparan sulfate synthesis enzymes are distributed across the Golgi apparatus

12:30-13:00 Arzu Karabay Korkmaz (Turkey) (Invited speaker)

Septins as the fourth elements of the cytoskeleton and a new substrate for microtubule severing enzyme p60-katanin

13:00 - 14:00 LUNCH**IFSCH - SECOND DELEGATE'S MEETING (HALL 4)**

20 May 2017, Saturday**14:00 - 14:45 PLENARY LECTURE 5 - HALL 1**

Pavel Hozak (Czech Republic)

Uncovering roles of lipids in genome regulation

Chair: Melek Öztürk (Turkey)

14:45 - 16:45 S-14**Techniques in Immunohistochemistry**

Chairs: Marija Plodinec (Switzerland) & Lone Bojesen (Denmark)

14:45-15:15 Marija Plodinec (Switzerland) (Invited speaker)

Mechanobiology of epithelia on native basement membranes - relevance for cancer cell invasion & clinics

15:15-15:45 Bilal E. Kerman (Turkey) (Invited speaker)

An in vitro approach to understanding myelination and myelin disorders

Oral presentation

15:45-15:55 Differences in immunohistochemical localization and distribution of galectin-1 and -3 in rat testes and epididymis during postnatal development

Emel Ergün, Mehmet Özbek, Feyzullah Beyaz, Levent Ergün, Hikmet Altunay, Nevin Kurtdede, Nuh Yıldırım, Özge Özgenç (Turkey)

Discussion

16:45 -17:30 POSTER SESSION-II & COFFEE BREAK**20:00 - 23:30 GALA DINNER**

20 May 2017, Saturday

09:00 - 18:30 REGISTRATION

10:30 - 11:00 COFFEE BREAK

11:00 - 13:00 S-11

Developmental and Reproductive Biology-II

Chairs: Cristina Pujades (Spain) & Necdet Demir (Turkey)

11:00-11:30 Cristina Pujades (Spain) (Invited speaker)

Building the inner ear: cellular dynamics of neurosensory progenitors during embryonic development

Oral presentations

11:30-11:40 Pregnancy with an embryo derived from a germinal vesicle stage oocyte and birth of a healthy baby in a stimulated IVF cycle

Barış Baykal, Cem Korkmaz, Cihangir Mutlu Ercan, Seyit Temel Ceyhan, Salih Kozan (Turkey)

11:40-11:50 The effect of antioxidants to angiogenesis on uterine transplantation

Tuğba Uğurlu, Candan Özoğul, Gülistan Sanem Sarbaş, Seren Gülşen Gürgen, Seda Nur Akyol, Bahar Kartal (Turkey)

11:50-12:00 Immunohistochemical localization of certain nervous system markers on the testis and epididymis of rat during postnatal period

Feyzullah Beyaz, Emel Ergün, Mehmet Özbek, Levent Ergün (Turkey)

12:00-12:10 Investigation of obstructive uropathy for histopathologic changes and apoptosis in urinary system of adriamycin-exposed rat fetuses

Şule Yalçın, Işık Ünal, Elif Kırılı, Pergin Atilla, Sevda Muftuoğlu, İbrahim Karnak (Turkey)

12:10-12:20 Histochemical study of the ovaries in {Piezodorus lituratus} (Fabricius, 1794) (Heteroptera: Pentatomidae)

Zekiye Suludere, Selami Candan, İrmak Polat, Damla Amutkan, Nurcan Özyurt Koçakoğlu (Turkey)

12:20-12:30 Cytochemical aspects of sporoderm development in {Panicum Maritimum} L

Sevil Tütüncü Konyar (Turkey)

Discussion

20 May 2017, Saturday

13:00 - 14:00 **LUNCH****IFSCH - SECOND DELEGATE'S MEETING (HALL 4)**14:45 - 16:45 **S-15****Neuroscience**

Chairs: Selma Yilmazer (Turkey) & Marc Davenne (France)

14:45-15:15 Marc Davenne (France) (Invited speaker)

The axon initial segment: a novel site of neuronal dysfunction in multiple sclerosis?

15:15-15:45 Erdiñç Dursun (Turkey) (Invited speaker)

Vitamin D perspective in neurodegeneration and Alzheimer's disease: the genetic background and the cellular mechanisms

15:45-16:15 Özhan Eyigör (Turkey) (Invited speaker)

Immunohistochemical Assessment of Neuronal Activation in Neuroendocrine Systems

Oral presentations

16:15-16:25 Revealing physical and functional interaction between p60-katanin and p53

Şirin Korulu (Turkey)

16:25-16:35 Immunohistochemical evaluation of the autoantibodies in surgically treated MTLE-HS patients

Ayşegül Fırat, Fadime Irsel Tezer Filik, Işık Ünal, Burçak Bilginer, Figen Kaymaz, Figen Soylemezoğlu, Serap Saygı (Turkey)

16:35-16:45 Investigation of dose-dependent ultrastructural alterations after topical lithium treatment in peripheral nerve injuries by transmission electron microscope

*Emre Kocaman, İlknur Dağ, Tayfun Sengel, Erdem Söztutar, Mediha Canbek*16:45 -17:30 **POSTER SESSION-II & COFFEE BREAK**

20 May 2017, Saturday

17:30 - 18:30 S-17

Stem Cells-II

Chairs: İbrahim Tuğlu (Turkey) & Aydan Özgörgülü (Turkey)

Oral presentations

17:30-17:50

The role of stem cell on the reproductive organs

İbrahim Tuğlu, Işıl Aydemir, Mahmud Özkut, Fatma Öztürk, Alican Gümürdü, Rehime Ablumiti, Dila Sal (Turkey)

17:50-18:00

Optimizing hydroxy apatite based scaffold with harmony of stem cells for tooth tissue engineering

Alev Cumbul, P. Neslihan Taşlı, Gül Merve Yalçın Ülker, Ünal Uslu, Fikretin Şahin (Turkey)

18:00-18:10

Comparison of immunological properties of mononuclear cells between acute myeloid leukemia patients and healthy donors

İlkay Pişkin, Yasin Köksal, Fatma Karaca Kara, Neşe Yaralı, Meltem Özgüner (Turkey)

18:10-18:20

Amniotic fluid derived stem cells and its multilineage differentiation

A.S.M.Golam Kibria, Özlem Özden Akkaya, Korhan Altunbaş, Metin Erdoğan, Artay Yağcı (Turkey)

Discussion

20:00 - 23:30 **GALA DINNER**

20 May 2017, Saturday

09:00 - 18:30 **REGISTRATION**

10:30 - 11:00 **COFFEE BREAK**

11:00 - 13:00 **S-12**

Pathology and Clinical Medicine-I

Chairs: Elisabetta Falcieri (Italy) & Mara Pilmane (Latvia)

11:00-11:30 Elisabetta Falcieri (Italy) (Invited speaker)

How many types of cell death? The crucial role of morphology

11:30-12:00 Mara Pilmane (Latvia) (Invited speaker)

The 16 years follow-up results of cleft research in Latvian population

Oral presentations

12:00-12:10 The influence of different fixatives and preparation methods on morphology, immunohistochemistry and molecular analyses

Lone Bojesen, Dorte Skriver Jensen, Wojciech Skovrider Ruminski, Nadja Beekhuijzen, Reema Butt, Anne Mette Wenning, Birgitte Bols, Estrid Høgdall, Hanne Bjørn (Denmark)

12:10-12:20 Structural effects of microneedling and topical retinol palmitate on burn wounds

Elçin Servet Alpat, Burak Kaya, Hilal Nakkaş, Pınar Bayram, Şule Kızıl, Belgin Can, Serdar Mehmet Gültan (Turkey)

12:20-12:30 Exposure to a continuous 900-MHz electromagnetic field for 1 hour a day throughout middle and late adolescence alters

the morphological structure and some biochemical markers of the female rat kidney at postnatal day 60

Derya Öztürk Okatan, Ersan Odaç (Turkey)

12:30-12:40 Functional characterization of p.T10M and p.S345Y mutations in HNF1A gene in MODY patients

Özlem Yalçın Çapan, Oğuzhan Fatih Baltacı, Ece Selçuk Şahin, Ergül Berber (Turkey)

12:40-12:50 Impairments of oxidant/antioxidant levels and some morphological changes in the adult female rat heart following exposure to a continuous 900-MHz electromagnetic field for 1 hour a day throughout middle and late adolescence

Hatice Hancı, Derya Öztürk Okatan, Ersan Odaç (Turkey)

12:50-13:00 Effects of propolis against cisplatin induced experimental kidney damage in rats

Esin Yuluğ, Sibel Türedi, Engin Yenilmez, Yüksel Aliyazıcıoğlu, Selim Demir, Serap Özer Yaman, Ahmet Menteşe (Turkey)

13:00 - 14:00 **LUNCH**

IFSCH - SECOND DELEGATE'S MEETING (HALL 4)

20 May 2017, Saturday

14:45 - 16:45 S-16

Pathology and Clinical Medicine-II

Chairs: Hale Kırımlıoğlu (Turkey) & Emel Koptagel (Turkey)

14:45-15:15 Hale Kırımlıoğlu (Turkey) (Invited speaker)
Rejection pathology in liver transplantation**Oral presentations**15:15-15:25 The ultrastructural investigation of slit diaphragm protein expressions and filtration barrier features in some human podocytopathies
*Mustafa Yılmaz, Kezban Kibar, Banu Coşkun Yılmaz, İclal Gürses, Ahmet Kıyıkım (Turkey)*15:25-15:35 The role of curcumin in streptozotocin-induced hepatic damage and the trans-differentiation of hepatic stellate cells
*Hesham Noaman Abdelraheem Mustafa (Saudi Arabia)*15:35-15:45 Changes in histological structure and biochemical markers in the adult male rat pancreas following exposure to a continuous 900-MHz electromagnetic field for 1 hour a day throughout adolescence
*Gökçen Kerimoğlu, Ersan Odacı (Turkey)*15:45-15:55 Acute alterations in the morphology and biochemistry of the female rat liver following continuous 900-megahertz electromagnetic field (1 hour per day) administration throughout middle and late adolescence
*Derya Öztürk Okatan, Ali Kulaber, Ersan Odacı (Turkey)*15:55-16:05 A histopathological and biochemical evaluation of oxidative injury in the sciatic nerves of male rats exposed to a 900-megahertz electromagnetic field throughout all periods of adolescence
*Gökçen Kerimoğlu, Canan Güney, Şafak Ersöz, Ersan Odacı (Turkey)*16:05-16:15 The risk assessment of Gd₂O₃:Yb³⁺/Er³⁺ nanocomposites as dual-modal nanoprobe for magnetic and fluorescence imaging
*Long Huang, Fukang Xie, Li Li (China)*16:15-16:25 Lipopolysaccharide-induced liver damage is prevented by ginkgo biloba extract 761 and flunixin meglumine in septicemia
*Tuba Parlak Ak, Burcu Gül Baykalır, İsmail Seven, Gürdal Dağoğlu, Mine Yaman (Turkey)*16:25-16:35 Immunohistochemical evaluation of effects of bevacizumab on radiation injury after stereotactic radiosurgery
Ayfer Aslan, Alp Özgün Börcek, Zeynep Bengisu Kaya, Özgür Ocal, Erkut Baha Bulduk, Özge Petek Erpolat Tater, Murat Uçar, Figen Kaymaz (Turkey)

Discussion

16:45 - 17:30 **POSTER SESSION-II & COFFEE BREAK**20:00 - 23:30 **GALA DINNER**

21 May 2017, Sunday

09:00 - 12:00 **REGISTRATION**

08:45 - 09:45 **Young Histochemist Awardees**

Chairs: Hinke Multhaupt (Denmark) & Zbigniew Kmiec (Poland)

09:45- 10:30 **Let the Seniors Share Their Expertises with Juniors**

10:30 - 11:00 **COFFEE BREAK**

11:00 - 13:00 **S-18**

Developmental and Reproductive Biology-III

Chairs: Ramazan Demir (Turkey) & Aysegül Uysal (Turkey)

Oral presentations

11:00-11:10 T-2 toxin disrupts sertoli cell barrier via changes in tight and adherent junctional proteins in SerW3 cells

Elif Karacaoğlu, Güldeniz Selmanoğlu (Turkey)

11:10-11:20 Nesfatin-1 protects against torsion-induced testicular oxidative injury in rats

Sevil Arabacı Tamer, Alper Yıldırım, M. Kutay Köroğlu, Özge Dağdeviren Çevik, Feriha Ercan, Berrak Ç. Yeğen (Turkey)

11:20-11:30 Histological examination of the effect of {lycium barbarum} (Goji Berry) on testis and epididymis of acrylamide treated young male rats

Havva Imran Özdemir, Aysel Kükner (Turkey)

11:30-11:40 Protective effects of melatonin on ovarian structures of rats exposed to environmental toxic agent 2,3,7,8-tetrachlorodibenzo-p-dioksin (TCDD)

Semir Gül, Mehmet Gül, Birgül Yiğitcan (Turkey)

11:40-11:50 Investigation of the effects of vitamin D treatment on the uterine structural changes in the experimental model with polycystic ovary syndrome:

an ultrastructural and immunohistochemical study

Yurdun Kuyucu, Latife Seyran Çelik, Ebru Dünder Yenilmez, Abdullah Tuli, Ufuk Özgü Mete(Turkey)

11:50-12:00 HSP 70 Histological examination of the effect of {lycium barbarum} (Goji Berry) on testis and epididymis of acrylamide treated young male rats

Bülent Celpkulu, Mete Köksal, Halil Çiftçi, Fuat Dilmeç (Turkey)

12:00-12:10 Morphology, morphometric and biochemical parameters changes in the adult rat ovarium following continuous 900-megahertz electromagnetic field applied in middle and late-adolescence

Derya Öztürk Okatan, Ersan Odacı (Turkey)

Discussion

13:00-14:00 **CLOSING CEREMONY & FAREWELL PARTY**

15:00 **EXCURSION**

21 May 2017, Sunday

09:00-12:00 **REGISTRATION****09:45-10:30** **Technical Presentation-II**

Chair: Şahin Sırmalı (Turkey)

09:45-10:15 New Tools for 3D Electron Microscopy, ZEISS, Joerg Lindenau (Germany)

Discussion

10:30-11:00 **COFFEE BREAK****11:00-13:00** **S-19****Advances in Image Analysis**

Chairs: Nurhan Özlü (Turkey) & Çağdaş Son (Turkey)

11:00-11:30 Nurhan Özlü (Turkey) (Invited Speaker)
Proteomic analysis of Epithelial Mesenchymal Changes11:30-12:00 Çağdaş Son (Turkey) (Invited Speaker)
Applications of Förster resonance energy transfer and split EGFP techniques at
protein-protein interaction studies**Oral presentation**12:00-12:10 Effect of systemic magnesium sulfate on retina in neonatal rats with hypoxic ischemic
encephalopathy*Serhat İmamoğlu, Ebru Yalın İmamoğlu, Serkan Erdenöz, Lorina Haziri, Yağız Özdağ,
Alev Cumbul, Ünal Uslu, Şamil Aktaş, Gökhan Pekel, Mehmet Şahin Sevim,
Mustafa Nuri Elçioğlu, Fahri Ovalı (Turkey)*

Discussion

13:00-14:00 **CLOSING CEREMONY & FAREWELL PARTY****15:00** **EXCURSION**

21 May 2017, Sunday

09:00-12:00 REGISTRATION

10:30-11:00 COFFEE BREAK

11:00-13:00 S-20

Cancer Biology-II

Chairs: Ayhan Bilir (Turkey) & Gamze Tanrıöver (Turkey)

11:00-11:30 Ayhan Bilir (Turkey) (Invited Speaker)
The autophagic activity of L1CL on different tumor cell lines using electron microscopy

Oral presentations

11:30-11:40 Effects of paclitaxel, bevacizumab and metformin on PI3K/AKT pathway and angiogenesis in MDA-MB 231 breast cancer cell line
Fatma Fırat, Elgin Türköz Uluer, Sevinç İnan (Turkey)

11:40-11:50 The evaluation of the distribution of CD133, CXCR1 and the tumor associated macrophages in different molecular subtypes of the breast cancer
Can Ilgın, Erdem Çomut, Çağlar Sarıgül, Selçuk Korkmaz, Enver Vardar, Sevda Fatma Müftüoğlu (Turkey)

11:50-12:00 Loss of histone H4K20 trimethylation predicts poor prognosis in bladder cancer
Nuray Varol, Cem Karaosmanoğlu (Turkey)

12:00-12:10 Association between CAT C-262T polymorphism and CAT enzyme activity in patients with leukemia
Nazan Eras, Anıl Tombak, Naci Tiftik, Mehmet Berköz, Gözde Türköz, Etem Akbaş (Turkey)

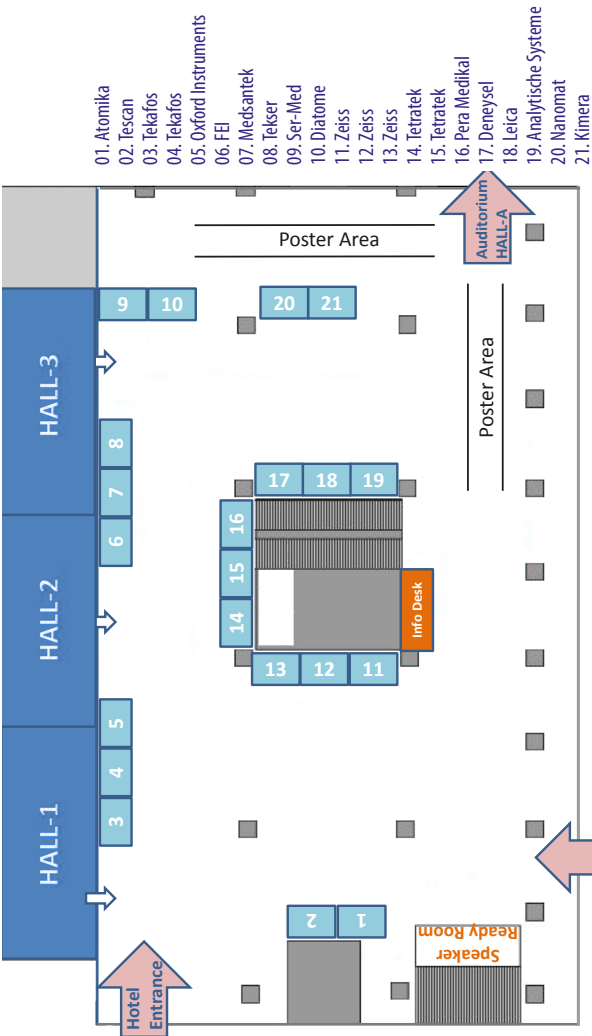
12:10-12:20 Adjuvant therapeutic effect of cold atmospheric plasma on endometrium cancer cells
İşıl Aydemir, Utku Kürşat Ercan, Tülay Oludağ Mete, Sevinç İnan, Mehmet İbrahim Tuğlu (Turkey)

12:20-12:30 Label-free investigation of cancer cell behavior using quantitative phase imaging
Vratislav Kostal, Jan Balvan, Michal Masarik (Czech Republic)

12:30-12:40 The effects of atmospheric plasma and oleocanthal on cancer cell migration
İşıl Aydemir, Utku Kürşat Ercan, Pınar Kılıçaslan Sönmez, Mesut Mete, Mehmet İbrahim Tuğlu (Turkey)

Discussion

13:00-14:00 **CLOSING CEREMONY & FAREWELL PARTY**15:00 **EXCURSION**



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