

International Multidisciplinary Symposium on Drug Research and Development (DRD-2017)

(5-7 October 2017 Erzurum/ TURKEY)

CONGRESS PROGRAMME

5 October 2017 Thursday

09.00-10.00 REGISTRATION (Congress Center)

10.00-11.00 *Opening Ceremony*

Prof. Dr. Yücel KADIOĞLU (Dean of Atatürk University Faculty of Pharmacy, Chair of the Organizing Committee)

Prof. Dr. Sedef KIR (President of Society of Researchers in Pharmacy and Medicine (İLARUD)-Cochair of the Organizing Committee)

Dr. Hakkı GÜRSÖZ (President of Turkish Medicines and Medical Devices Agency (TİTCK), Turkish Ministry of Health)

Pharm. M. Kazım DİNÇ (Former Health Minister of Turkey)

Prof. Dr. Ömer ÇOMAKLI (Rector of Atatürk University)

Prof. Dr. Mustafa ILICALI (Member of Municipal of Erzurum)

Mr. Seyfettin AZİZOĞLU (Governor of Erzurum)

11.00-11.15 *Coffee Break*

11.15-13.00 *Opening Lecturers*

Invited Lecturer-Prof. Dr. Bingür SÖNMEZ

Cholesterol Drugs : Known Truths-Told Wrongs

Invited Lecturer-Prof. Dr. Emin KANSU

Nobel Prizes and Voyage in Science

13.00-14.00 *Lunch Break*

HALL A

SESSION I (Cardiovascular System Drugs) (English)

Session Chairmen: Prof. Dr. Fuat GÜNDOĞDU, Prof. Dr. Kudret AYTEMİR

14.30-15.15 Invited Lecturer- Prof. Dr. Barış KAYA

Advances in Treatment of Pulmonary Arterial Hypertension

15.15-16.00 Invited Lecturer- Assoc. Prof. Dr. Hikmet YORGUN

Drug Therapy for Arterial Fibrillation; What's New?

16.00-16.30 *Coffee Break*

HALL A

PANEL SESSION (Turkish)

Session Chairmen: Dr. Hakkı GÜRSÖZ, Prof. Dr. Yılmaz ÇAPAN

16.30-18.00 Current Status of Turkey in Drug Research and Development and Future Aspects

Dr. Hakkı GÜRSÖZ - President, Turkish Medicines and Medical Devices Agency, Turkish Ministry of Health

Prof. Dr. Yılmaz ÇAPAN - İLKO Pharmaceuticals R&D and Regulatory Affairs Director

Prof. Dr. Sevim AYDIN - Vice President of Academic Research Founding Program Directorate, The Scientific and Technological Research Council of Turkey (TÜBİTAK)

Dr. Ümit DERELİ - General Secretary, Association of Research-Based Pharmaceutical Companies (AİFD)

Pharm. Vedat EĞİLMEZ - Public and Academic Affairs Consultant, Pharmaceutical Manufacturers Association of Turkey (İEİS)

Kim. Müh. Şirin DEHA – Board member, Association of Health Products (SURDER)

Refreshment Time

19.30-22.30 *Welcome Reception*

6 October 2017 Friday

HALL A

SESSION II (Turkish)

Session Chairmen: Dr. Ali ALKAN

- 08.30-10.30 **Pharmacovigilance and Drug Registration: Recent Perspective of Turkish Medicines and Medical Devices Agency**
- 08.30-09.10 **Dr. Pharm. Nihan BURUL BOZKURT**
Clinical Trials in the Drug Development Process
- 09.10-09.50 **Dr. Pharm. N. Demet AYDINKARAHALİLOĞLU**
Pharmacovigilance Activities in Turkey
- 09.50-10.30 **Pharm. Hacer ÇOŞKUN ÇETİNTAŞ**
Marketing Authorisation of Medicine in Turkey
- 10.30-11.00 **Coffee Break**

HALL A

SESSION III (English)

(İLARUD-Prof. Dr. Ünsal ÇALIŞ Session)

Session Chairmen: Prof. Dr. Sema ÇALIŞ, Prof. Dr. Emin KANSU

- 11.00-13.00 **Current Status of Drug Discovery and Development**
- 11.00-11.30 **Invited lecturer - Prof. Katerina GORACINOVA**
Biological Efficacy of SN-38 Loaded PLGA-PEG-PLGA Nanoparti
- 11.30-12.00 **Invited lecturer - Assist. Prof. Dr. Mert ÇALIŞ**
Recent Advances in Regenerative Medicine: Plastic Surgery Perspective
- 12.00- 12.30 **Invited lecturer - Assoc. Prof. Dr. Hakan EROĞLU**
Drug Delivery for Neuroprotection: Opportunities and Challenges
- 12.30-14.00 **Lunch Break**

HALL A

SESSION IV (English)

Session Chairmen: Prof. Dr. Yusuf ÖZTÜRK, Prof. Abolghasem JOUYBAN

- 14.00-16.00 **Drug Delivery Pharmaceutical Technology, Biopharmaceutics, Radiopharmaceutisc**
- 14.00-14.30 **Invited Lecturer - Prof. Dr. Bashar AL KHALIDI**
The Buccal Drug Delivery of Carvidelol Which is a Cardiovascular Drug
- 14.30-15.00 **Invited Lecturer - Prof. Dr. Tuncer DEĞİM**
Pros and Cons of Using Tubular Nanostructures and Quantum Dots to Deliver Drug Molecules
- 15.00-15.20 **Assist. Prof. Dr. Mine SİLİNDİR GÜNAY**
Radiopharmaceutical for Brain Imaging
- 15.20-15.40 **Assist. Prof. Dr. Özge İNAL**
In vitro Studies on Atenolol Loaded Ion Exchange Resins
- 15.40-16.00 **Dr. Selin Seda TİMUR**
Design and in vitro Evaluation of Bispecific Complexes and Drug Conjugates of Anticancer Peptide, LyP-1 in Human Breast Cancer

HALL B

SESSION V (English)

Session Chairmen: Prof. Dr. Bülent GÜMÜŞEL, Prof. Dr. Gülbin ÖZÇELİKAY

- 14.00-16.00 **Current Developments in Device Analysis**
- 14.00-14.30 **Invited Lecturer – Prof. Dr. Sibel ÖZKAN**
The Overview of Commonly Used Electrochemical Carbon Nanosensors in Pharmaceutical Assay
- 14.30-15.00 **Invited Lecturer* Prof. Abolghasem JOUYBAN**
Drug Solubility Prediction in Water+Cosolvent Mixtures, Recent Progresses
- 15.00-15.30 **Invited Lecturer- Prof. Dr. Şeref GÜÇER**
Fundamental Analysis Studies for Pharmacological Analysis: Assesment of Lithium Bioavailability
- 15.30-15.45 **Dr. Nihal ŞİMŞEK OZEK**
Molecular Analysis of Effects of Chronic Simvastatin in Rat Sciatic Nerve and Liver Microsomal Membrane by FTIR Spectroscopy

- 15.45-16.00 **Assist. Prof. Dr. Gülşah GÜNDOĞDU**
Association of Serum Omentin Levels with ST Segment Elevation and Non-ST Segment Elevation
Acute Coronary Syndrome
- 16.30-18.30 **Social Programme (Center Trip)**
- 20.00-22.00 **Gala Dinner**
- 7 October 2017 Saturday**

HALL A

SESSION VI (Turkish)

Session Chairmen: Prof. Dr. Selma SARAÇ TARHAN, Prof. Dr. Halise İnci GÜL

- 09.00-10.30 **In Memory of Prof. Dr. Tuncel ÖZDEN**
- 09.00-09.30 **Invited Lecturer - Prof. Dr. Tijen ÖNKOL**
My Distinguished Mentor: Prof. Dr. Tuncel Özden
- 09.30-10.00 **Invited Lecturer - Prof. Dr. Yunus KARA**
Prof. Dr. Tuncel ÖZDEN and R&D Centers
- 10.00-10.30 **Pharm. Firat NALBANTOĞLU**
Particular Size Determination of Aerosols Containing Salmeterol and Fluticasone

HALL B

SESSION VII (English)

Session Chairmen: Prof. Dr. Terken BAYDAR, Prof. Dr. Süreyya ÖLGEN

- 09.00-10.30 **Natural Drugs**
- 09.00-09.30 **Invited Lecturer - Prof. Dr. Filiz MERİÇLİ**
Investigations on some medical plants from Turkey and Northern Cyprus
- 09.30-09.50 **Assist. Prof. Dr. Hilal ÖZBEK**
Phenolic Compounds from the Leaves of *Cotinus coggygria Scop* with Alpha Glucosidase Inhibition
- 09.50-10.10 **Res. Assist. Mert İLHAN**
Effects of *Hyoscyamus niger* L. on Myiasis Diseases Caused by *Lucilia Sericata*
- 10.10-10.30 **Res. Assist. Saime ÖZBEK ŞEBİN**
The Effects of *Tarantula cubensis* Extract in Rats with Polymicrobial Sepsis by Cecal Ligation and Puncture Method
- 10.30-12.00 **POSTER SESSION (P1-P132)**

HALL A

SESSION VIII (English)

Session Chairmen: Prof. Serdar GÜLTEKİN, Prof. Dr. Ahmet HACİMÜFTÜOĞLU

- 12.00-13.30 **Medicinal Chemistry**
- 12.00-12.30 **Invited Lecture - Prof. Dr. Süreyya ÖLGEN**
Comparison of Predicted Physicochemical Properties and In Vitro Activity of Substituted Indolin-2-one Derivatives
- 12.30-12.50 **Res. Assist. Suat SARI**
New Azoles in Oxime Ester Structure: Antifungal Susceptibility, Anti-Biofilm Activity and Molecular Modelling Studies
- 12.50-13.10 **Dr. Sülünay PARLAR**
Lead Compound Optimization Studies on 1H-Benzimidazole Derivatives for Alzheimer Disease
- 13.10-13.30 **Assist. Prof. Dr. Mustafa Kemal GÜMÜŞ**
Synthesis of Novel Sulphur-Containing Imidazole Derivatives from Glycine Ester

HALL B

SESSION IX (English)

Session Chairmen: Prof. Dr. İbrahim NARİN, Prof. Dr. Bashar AL KHALIDI

- 12.00-13.30 **Molecular Medicine, Omics**
- 12.00-12.30 **Invited Lecturer - Prof. Dr. Tanıl KOCAGÖZ**
Peptide Antibiotics Inspired from Natural Antimicrobial Peptides
- 12.30-13.00 **Invited Lecturer - Prof. Dr. Bekir SALİH**
New Advances in Mass Spectrometry-Based Glycoproteomics

- 13.00-13.15 **Assoc. Prof. Dr. Ayşe ERCAN**
Cytotoxic Effect of Allomaltol Derivative on A375 Human Malignant Melanoma and MCF7 Breast Cancer Cells
- 13.15-13.30 **Dr. Engin KOÇAK**
MCF-7 Breast Cell Proteome Analysis Determination with New UPLC/MS Method
- 13.30-14.30 **Lunch Break**

HALL A

SESSION X (English)

Session Chairmen: Prof. Dr. Sena SEZEN, Prof. Dr. Nazan BERGİŞADİ

14.30-16.00 **Pharmacology and Toxicology**

14.30-15.00 **Invited Lecturer - Prof. Dr. Ahmet HACİMÜFTÜOĞLU**

Second by Second Neurotransmitter Analyzing

15.00-15.20 **Assist Prof. Dr. Ayhan TANYELİ**

Possible Protective Effects of Gossypinin on Rats Applied Renal Ischemia Reperfusion Damage

15.20-15.40 **Dr. Ferhunde AYSİN**

Cytotoxic and Antioxidant Activities of a Chitin Derivative on Human Blood Cells

15.40-16.00 **Dr. Shemsu Umer HUSSEN**

Effects Heparin Derivatives on Experimental Pain and Inflammation Models in Rats

HALL B

SESSION XI (English)

Session Chairmen: Prof. Dr. Mutlu AYTEMİR, Assoc. Prof. Dr. Arzu KARAKURT

14.30-16.45 **Short Oral Presentation**

14.30-16.00 **Short Oral Presentation (OP1-OP20)**

16.00-16.45 **Oral-Poster Session (OP1-OP20)**

16.45- **Session Chair: Prof. Dr. Gülberk UÇAR**
Closing Remarks

8 October 2017 Sunday

09.00- 18.00 **Tortum Waterfall Trip**