



**ANKARA UNIVERSITY
FACULTY OF PHARMACY**



**I
S
O
P
S** **11th** **International
SYMPOSIUM ON
PHARMACEUTICAL
SCIENCES**

**JUNE 09-12, 2015
ANKARA, TURKEY**



**SECOND ANNOUNCEMENT
CALL FOR ABSTRACTS**

ORGANIZING COMMITTEE

Maksut COŞKUN (Chair)	Sinem ASLAN ERDEM (Secretariat)
Gülbin ÖZÇELİKAY (Treasurer)	Meltem CEYLAN ÜNLÜSOY
Sinan SÜZEN	Müjde YÜCE ERYILMAZ
Nilüfer YÜKSEL	Arzu Zeynep KARABAY
Betül SEVER YILMAZ	Burcu DOĞAN TOPAL
Arzu ONAY BEŞİKCİ	Işıl ÖZAKCA
Tansel ÇOMOĞLU	

SCIENTIFIC COMMITTEE

Nurten ALTANLAR (Turkey)	Ceyda S. KILIÇ (Turkey)
M. Levent ALTUN (Turkey)	Marie-Aleth LACAILLE-DUBOIS (France)
Zeynep ATEŞ ALAGÖZ (Turkey)	Henk LINGEMAN (The Netherlands)
Tunca Gül ALTUNTAŞ (Turkey)	Arzu ONAY BEŞİKCİ (Turkey)
Asuman BOZKIR (Turkey)	Feyyaz ONUR (Turkey)
Zeliha BÜYÜKBİNGÖL (Turkey)	A. Tanju ÖZÇELİKAY (Turkey)
Benay CAN EKE (Turkey)	Gülbin ÖZÇELİKAY (Turkey)
Nina CHANISHVILI (Georgia)	Ayşe Mine ÖZKAN (Turkey)
Tülay ÇOBAN (Turkey)	Keykavous PARANG (USA)
Tuncer DEĞİM (Turkey)	Gülçin SALTAN (Turkey)
Bilgehan DOĞRU (Turkey)	Sevgi ŞAR (Turkey)
Bülent GÜMÜŞEL (Turkey)	Istvan TOTH (Australia)
Christoph HIEMKE (Germany)	Bengi USLU (Turkey)
Ayşegül KARATAŞ (Turkey)	Sulhiye YILDIZ (Turkey)

SOCIAL COMMITTEE

Selen ALP	Gizem GÜLPINAR	Dilan KONYAR
Ebru ARIOĞLU İNAN	Mehmet GÜMÜŞTAŞ	Sevinç KURBANOĞLU
İlker ATEŞ	Berna GÜVEN	Aslıhan H. ATILGAN
Filiz BAKAR	Mesud HÜRKUL	Umut Can ÖZ
Kayhan BOLELLİ	Özge İNAL	Selman ŞABANOĞLU
Derya ÇİÇEK POLAT	Melek KARACAOĞLU	Tangül ŞEN
Merve DEMİRBÜGEN	Banu KAŞKATEPE	Mehmet Barlas UZUN
Zehra Ceren ERTEKİN	Ecem KAYA	Gülderen YILMAZ
Ayşe Mine ÖZKAN	Gizem KAYKI MUTLU	Serap YILMAZ
Alper GÖKBULUT	Merve E. KIYMACI	



Dear Colleagues,

On behalf of the Organizing Committee, it is a great honor to invite you to participate in the 11th International Symposium on Pharmaceutical Sciences (ISOPS-11) in Ankara, June 9-12, 2015.

ISOPS-11 will offer a more global scientific program, in order to attract scientists from all fields of Pharmaceutical Sciences. Accordingly, parallel sessions will run simultaneously. As you can see, eminent world-wide scientists are listed among the confirmed speakers. In order to guarantee the quality of future research and new practical applications, a dialogue between experienced colleagues, young scientists and professionals will be encouraged. We strongly believe that ISOPS-11 will be remembered for its excellence in scientific sessions and social interactions.

We will be delighted to have your contribution by scientific papers, exhibits and participation in discussions to the symposium.

Ankara is the capital of Turkey and is located in Central Anatolia. The city has been continuously inhabited since the Bronze Age. In addition to the museums where the flow of cultures that had passed through the area from Hittites to Ottomans are displayed, visitors will enjoy touring the citadel, historical buildings and the old shopping districts. Ankara is a great city to see old and new, traditional and modern side-by-side.

For further information about the symposium, venue, the scientific program and social activities, please visit: <http://www.isops-ankara.org>

We are looking forward to welcoming you in Ankara at ISOPS-11 in June 2015.

Prof. Dr. Maksut COŞKUN,
Chair
The Organizing Committee of the Symposium

11th INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL SCIENCES

ISOPS-11

9-12 June 2015

**Second Announcement
Call for Abstracts**

Venue

Ankara University, Faculty of Pharmacy
Ankara

Important Dates

Abstract submission deadline: April 3, 2015

Early registration deadline: May 1, 2015

Hotel reservation deadline: May 1, 2015

Secretariat

Sinem ASLAN ERDEM

Ankara University, Faculty of Pharmacy
Tandogan, 06100, Ankara-TURKEY

Phone: + 90 312 203 3104

Fax: +90 312 213 1081

E-mail: isops@ankara.edu.tr

Web: www.isops-ankara.org

www.pharmacy.ankara.edu.tr





Call for Abstracts

The Scientific Committee welcomes scientific contributions related to the symposium topics. Please note that all abstracts should be submitted through our web-site not later than **April 3, 2015**. No abstract will be printed in the Book of Abstracts unless the registration fee is received before **1 May 2015**. There is no limitation for number of abstract submission. Detailed information is available on our web-site.

Plenary Lectures

The duration of plenary lectures is 30 minutes with an additional 10 minutes for discussion.

Oral Presentations

The duration of oral presentations is 10 minutes with an additional 5 minutes for discussion.

Posters

Posters should consist of an informative title, introduction, methods, results and discussion with references. Self-explanatory figures, charts and tables may be added when necessary. Posters will be 90 cm (h) x 60 cm (w). The authors will be informed once their abstracts are accepted.

Language

The official language is English. No simultaneous translation will be provided.



Symposium Topics

All pharmaceutical sciences are included:

- Analytical Chemistry
- Biochemistry
- Biotechnology
- Clinical Pharmacy
- History of Pharmacy and Management
- Pharmaceutical Microbiology
- Pharmaceutical Botany
- Pharmaceutical Chemistry
- Pharmaceutical Technology
- Pharmaceutical Toxicology
- Pharmacognosy
- Pharmacology
- Phytotherapy

The programme will consist of plenary lectures, oral and poster presentations.

A half-day workshop (in Turkish language) will be organized within the Symposium on June 12, 2015. An additional registration and fee is required to attend the workshop. Further information about the workshop will be announced on our web-site.



Invited Speaker	Country	Title
Asim B. ABDEL-MAGEED	USA	Stem Cell-Based Therapy: A Double-edged Sword?
Nasrullah ABDULLAEV	UZBEKISTAN	Perspectives of the Creation Preparations on the Bases of Plant Raw Materials
Erdal BEDİR	TURKEY	Studies on Turkish <i>Astragalus</i> Species: Past, Present and Future
Gerrit BORCHARD	SWITZERLAND	Immunobiopharmaceutics: The Role of the Immune System in Drug Delivery
Bezhan CHANKVETADZE	GEORGIA	Recent Developments in Enantioseparation of Chiral Drugs
Nina CHANISHVILI	GEORGIA	Bacteriophages as Therapeutic and Prophylactic Means
James DEVILLERS	FRANCE	Designing Chemicals Active Against Mosquitoes
Yalçın DUYDU	TURKEY	Is Boric Acid Toxic to Reproduction in Humans? Assessment of the Animal Reproductive Toxicity Data and Epidemiological Study Results
Ziad EL RASSI	USA	Use of Nano-entities as Separation Media in Modern Liquid Phase Separation Techniques
Salvatore FANALI	ITALY	Capillary-/Nano-Liquid Chromatography: Principles and Applications in Drug Analysis
Juan Miguel FELIU MARTÍNEZ	SPAIN	Electrochemical Characterization and Reactivity of Platinum Nanoparticles
Rogério GASPAR	PORTUGAL	Innovation in Medicinal Products: Is Nanomedicine a New Paradigm for Healthcare?
Fernando GOGLIA	ITALY	3,5-diiodothyronine: A Possible Pharmacological Agent?
Katerina GORACINOVA	MACEDONIA	Polymeric Nanocarriers for Targeted Delivery of SN-38
Christoph HIEMKE	GERMANY	Update 2015 of Guidelines for Therapeutic Drug Monitoring in Psychiatry and Neurology
Yeşim KARASULU	TURKEY	Self Nano-emulsifying Drug Delivery Systems for Poorly Soluble Drugs
Jean Michel KAUFFMANN	BELGIUM	The Contribution of Electrochemistry to the Pharmaceutical Sciences
Anake KIJJOA	PORTUGAL	Chemistry and Some Interesting Biological Activities of Secondary Metabolites from Marine-Derived Fungi
James KNITTEL	USA	Modeling Melanocortin Receptor Ligands: A Comparison of Structure-Activity Relationships for MC1-R, MC3-R and MC4-R Agonists
Martin KOERBER	GERMANY	Biodegradable Drug Delivery Devices

Invited Speaker	Country	Title
M. N. V. Ravi KUMAR	USA	Drug Delivery in the Twenty-first Century: What Are We Aiming At?
Marie-Aleth LACAÏLLE-DUBOIS	FRANCE	Newest Strategies in the Search for Bioactive Saponins from the Tropical Plant Biodiversity
Henk LINGEMAN	THE NETHERLANDS	Clinical Chemistry: Immunological Versus Chemical Assays
Giovanna MARRAZZA	ITALY	Biosensors: The Revolution in the Clinical Analysis
Nilanjana MAULIK	USA	Key Players in Cardiac and Peripheral Artery Disease: Potential and Challenges
Arben MERKOÇI	SPAIN	Nanodiagnostics with Simple Paper/Plastic-Based Platforms
S. Moien MOGHIMI	DENMARK	Inside the Kingdom of Complement: The Tale of Nanoparticle Affairs
Eberhard NEUMANN	GERMANY	Chemical Thermodynamics of Membrane Electroporation - A Powerful Tool for Clinical Electrochemotherapy and Electrotransfer of Genetic Materials
Keykavous PARANG	USA	Peptide Nanostructures as Molecular Transporters of Therapeutic Agents
Banu SANCAK	TURKEY	Methicillin-resistant <i>Staphylococcus aureus</i>
Luciano SASO	ITALY	Modulation of Oxidative Stress as a Pharmacological Strategy
Tanja SCHWERDTLE	GERMANY	New Insights in the Toxic Action of Neurotoxic and Carcinogenic Metal Species
Alan SLUSARENKO	GERMANY	Puzzling out the Cellular Effects of Allicin, a Natural Defence Substance from Garlic
Zühre ŞENTÜRK	TURKEY	A Journey to the Mysterious World of the Brain by Voltametry
Istvan TOTH	AUSTRALIA	Lipid and Glyco-lipid Based Dendritic Peptide and Vaccine Delivery Systems
Andrew TSOTINIS	GREECE	Enantioselective Synthesis of Derivatives of the Hormone of Darkness: Melatonin
Belma TURAN	TURKEY	Cardioprotective effects of Beta-blockers Mediated by Scavenging Reactive Oxygen and Nitrogen Species in Diabetes
Patrick J. WALSH	USA	Functionalization of Weakly Acidic Hydrogens: Toward the Synthesis of Biologically Active Compounds
Antonio ZAZA	ITALY	Pharmacological Modulation of Calcium Store Stability as an Antiarrhythmic Intervention

General Information

The web address for ISOPS-11:

<http://www.isops-ankara.org>

We'll try to send e-mail, but we strongly suggest to check the web-site regularly for updates. Registration and abstract submission will also be completed through the web-site.

Registration

Profile	Before 18 May, 2015	After 18 May, 2015	On desk*
Academic	300 €	325 €	350 €
Industry	400 €	450 €	500 €
Student**	150 €	175 €	200 €
Accompanying person	100 €	125 €	150 €

Turkish Citizens

Profile	Before 18 May, 2015	After 18 May, 2015	On desk*
Academic	300 TL	325 TL	350 TL
Student**	150 TL	175 TL	200 TL
Accompanying person	100 TL	125 TL	150 TL

**Please note that the abstracts of on-desk registered participants will not be published on the abstract book.*

***Proof of student status (e.g. letter from supervisor) should be sent to the symposium secreteriat.*

Registration fee for PARTICIPANTS and STUDENTS includes participation in scientific sessions, abstract book and other documents as well as welcome party, closing reception, lunches, coffee breaks and other social events.

Registration fee for ACCOMPANYING PERSON includes welcome party, closing reception, lunches, coffee breaks and other social events.

Social Events

June 09, 2015: 10.00 - 11.00 Opening Ceremony
19.00 - 21.00 Welcome Reception

June 11, 2015: Concert and Cocktail

General Information

Passport and Visa

No entrance visa is required for participants from most countries, however we suggest you to consult the Turkish Embassy in your country before finalizing your travel arrangements.

Letter of Invitation

A formal invitation letter may be sent upon request. It should be noted that such an invitation letter does not mean any type of financial support or guarantee to obtain a visa when necessary.

Climate and Clothing

Average weather in Ankara in June is warm (25-30°C) and sunny during the day. A light sweater and a raincoat may be necessary for evenings.

Electricity

Turkey operates on 220 volts, 50 Hz, with round-prong European-style plugs that fit into recessed wall sockets/points.

Cancellation Policy

Registration		Accommodation	
Before May 25, 2015	After May 25, 2015	Before June 8, 2015	After June 8, 2015
80% refund	No refund	75% refund	No refund



Accommodation

Hotel	Single	Double	Distance to Symposium venue
Ankara HiltonSA (*****)	€ 130	€ 150	5.0 km
Barcelo (*****)	€ 85	€ 105	400 m
Hotel İçkale (****)	€ 75	€ 100	1.1 km
Rixos Grand Ankara (*****)	€ 105	€ 125	3.0 km
Ramada Ankara Tunalı (*****)	€ 90	€ 105	4.5 km
Radisson Blu (****)	€ 95	€ 110	2.2 km
Ümit Pembe Köşk Hotel (***)	€ 50	€ 65	750 m
Student Hostel (Limited rooms available)	€ 25	€ 35	

All prices include VAT and breakfast. Breakfast is not available at the hostel.

Please book your hotel through our web-site (www.isops-ankara.org).

Payments for registration and accommodation can only be made with Visa or Mastercard.

IMPORTANT

Symposium Organization and their agents shall not be responsible for and shall be exempt from all liability in respect of any loss, damage, accident, delay or inconvenience to any person, or his/her luggage or any other personal property, for any reason what-so-ever, for any services provided.

Transport to Ankara City Center from Airport

For participants arriving at Ankara Esenboğa International Airport, the following transportation alternatives are available:

- Shuttle Service: Operates regularly between Ankara City Center and Esenboğa. Price: € 3
- Private Taxi: The price is approximately € 30.
- All payments should be made in Turkish Lira (TL).

Tours

Ankara, Half Day Tour

The first site is the Museum of Anatolian Civilizations which is situated in the old city. This particular museum contains relics from Çatalhöyük, one of the earliest known human communities, up through the Roman Classical Period. Citadel of Ankara and the Mausoleum of Atatürk will be visited (€ 30/person, min. 10 participants).



Gordion, Half Day Tour

Departure in the morning to Gordion, the Phrigian Capital, where King Midas cut the famous Gordion Knot. The visits will include the ruins of the city and the Tumulus of King Midas (€ 40/person, min. 10 participants).

Beypazarı, One Day Tour

Departure in the morning to Beypazarı, a unique small town known for restored old houses, great cuisine, souvenir shops silver jewellery and copperware. Among the places that will be visited are Hıdırlık Hill, Culture House and Hacı Hüseyin Mansion. After lunch, the visitors will have some free time to enjoy shopping through the most beautiful examples of Turkish architecture (€ 45/person, min. 10 participants).



Tours

Konya, One Day Tour

Konya, another big city in modern Turkey, is one of the most ancient settlements of Anatolia. The region was inhabited as far back as the Neolithic Period (New Stone Age, 7000 BC). The city is best known for being the final home of Mevlana (Rumi), a 13th century Muslim Saint known for his exquisite poems and words of wisdom. Rumi's followers established the Mevlevi Sufi order of Islam in Konya and became known as the whirling dervishes. Today, Mevlana's Mausoleum, as well as Karatay Medrese, (theological school converted to an art museum), Alaaddin Keykubat Mosque from 12th century and Ince Minare (Thin Minaret) attract millions of people from around the world. The tour will include a special presentation of dervishes and most of these unique sites. (€ 80/person, min. 10 participants).



Cappadocia, Two-Day Tour

Day-1: Ankara-Cappadocia

Departure in the morning to Cappadocia. A brief stop at the second largest lake in Turkey: Salt Lake. Lunch will be served enroute. The first visit will be to a 13th Century Agzikarahan Caravanserai built by Seljuk Turks. The tour will continue to Kaymakli Underground City and natural citadel, Uçhisar.

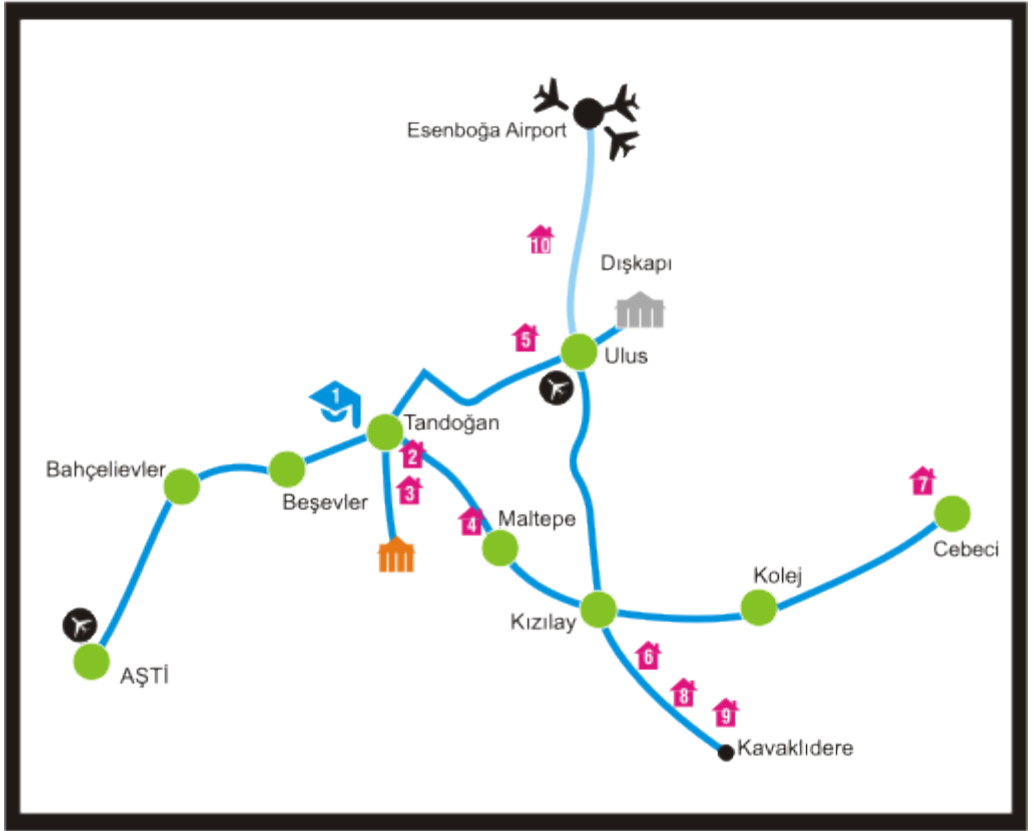
Day-2: Cappadocia-Ankara

After breakfast at the hotel, the tour starts with Göreme Valley, the land of earthen pyramids, stone dwellings, rock chapels with colorful frescos and monasteries. The last site of the tour is the Zelve Valley. Lunch will be provided in a typical restaurant in Cappadocia. (€ 150/person, min. 10 participants).

Rates include transportation, lunches, all entrance fees to museums and ancient cities as set forth in the itineraries, service by licenced and experienced tour guides, accommodation in a 4* hotel in Cappadocia for one night.



City Plan



1 Faculty of Pharmacy

2 Barcelo Altınel Hotel

3 Ümit Pembe Köşk Hotel

4 İçkale Hotel

5 Radisson Blu Hotel

6 Rixos Grand Ankara Hotel

7 Cebeci Student Hostel

8 Ramada Ankara Tunalı

9 Ankara HiltonSA

10 Dışkapı Student Hostel

Ulus Airport Shuttle Stop

AŞTİ Airport Shuttle Stop

Museum of Anatolian Civilizations

Atatürk's Mausoleum

Subway

DAHA FAZLA VERİMLİLİK DAHA FAZLA ZAMAN

Agilent Yeni Nesil 1290 Infinity II LC

Analitik, cihaz ve laboratuvar verimliliğinde yeni değerler...
Çalışmalarınızda yüksek verimlilik ve size kalan fazladan
zaman...

Tüm beklentileriniz ve daha fazlası için
yeni nesil UHPLC ile tanışın!



EfficientUHPLC.agilent.com

NOVAGENTEK

YOUR LIFE SCIENCE PARTNER



biowest



ATCC®

IN PARTNERSHIP WITH LGC STANDARDS

Selleckchem

Inhibitor Expert (Inhibitors, Modulators, Libraries)

ThermoFisher

SCIENTIFIC



NOVAGENTEK LABORATUAR ÜRÜNLERİ VE TEKNOLOJİLERİ TİC. LTD. ŞTİ.

Atatürk Blv. Atayurt İşhanı, 169/45-46 Kavaklıdere 06680 Ankara

Tel: 0312 418 56 56 (pbx) • Faks: 0312 417 26 26

www.novagentek.com.tr • info@novagentek.com.tr