



SCIENTIFIC PROGRAM

Wednesday, October 4, 2017

12:00 – 14:00 **Registration**

14:00 – 15:15 **Opening session**

15:15 – 16:00 **Opening presentation**

Chairman: Ahmet Yaser Muslumanoğlu (Turkey)

15:15 – 16:00 Traditional and complementary medicine in Turkey – M. Zafer Kalaycı (Turkey)

Coffee & Refreshment

Thursday, October 5, 2017

08:00 – 09:00 **Registration**

Coffee & Refreshment

09:00 - 10:30 **Session 1: Maggot Debridement Therapy**

Chairmen: David Pritchard (UK) & Erdal Polat (Turkey)

09:00 – 09:45 **Plenary lecture:**

Maggot debridement therapy worldwide – Ronald A. Sherman & Kosta Y. Mumcuoglu (USA & Israel)

09:45 – 10:30 **Oral presentations:**

09:45 – 10:00 A new method for the production of sterile colonies of *Lucilia sericata* - Natalie E. Gasz & Michelle L. Harvey (Australia)

10:00 – 10:15 Maggot treatment in hospitals and community health - Ram Avrahami, Niki Liberman & Galit Sibek (Israel)

10:15 – 10:30 Maggot and leech treatment in a community wound clinic - Ram Avrahami, Niki Liberman & Galit Sibek (Israel)

10:30 – 10:45 Healing efficacy of *Ceratothoa oestroides* olive oil extract on the venous ulcers of the low extremities: Case series - Andreas Vitsos, Christos Tsagarousianos, Orestis Vergos, Dionysios Stithos, Demetrios Matthioudakis, Nikolaos Potamitis, Panagiota Zouni, Athena Kakolyri, Maria Kyriazi, Nikolaos Tentolouris, Vasilios Roussis & Michail Rallis (Greece)



- 10:45 – 11:00 Maggot debridement therapy: Mode of action - Kosta Y. Mumcuoglu (Israel)
- 11:00 – 11:30 Coffee break / Poster Presentations / Exhibitions
- 11:30 – 12:00 General Assembly**
- 12:00 – 13:00 Session 2: Maggot Debridement Therapy (2)**
- Chairmen: Ran Avrahami (Israel) & Ahmet Godekmerdan (Turkey)**
- Oral presentations:**
- 12:00 – 12:15 Maggot debridement therapy in non-healing chronic wounds after amputation - Erdal Polat, Hüseyin Çakan, Hüseyin Botanlioğlu, Serhat Sirekbasan, Bedri Karaismailoğlu & Turgut İpek (Turkey)
- 12:15 – 12:30 Successful debridement of a necrotic wound using maggot therapy in a patient with systemic sclerosis - Ayşegül Ercengiz, Zehra Yazıcı Mutlu & Mesut Mutluoğlu (Turkey)
- 12:30 – 12:45 Wound healing effects of *Lucilia sericata* extract in diabetic rats involve in the modulation of MMP-2 and MMP-9 expression by NF-KB – Tuğba Soydaş, Fatma Kübra Tombultürk, Elif Yaprak Saraç, Erdal Polat & Gönül Kanıgür Sultuybek (Turkey)
- 12:45 – 13:00 Wound healing effects of *Lucilia sericata* extract in diabetic rats involve in the modulation of MMP-2 and MMP-9 expression by AP-1 – Fatma Kübra Tombultürk, Tuğba Soydaş, Elif Yaprak Saraç, Erdal Polat & Gönül Kanıgür Sultuybek (Turkey)
- 13:00 – 14:00 Lunch**
- 14:00 – 17:00 Session 3: Workshop: Maggot Debridement Therapy (1)**
- The theoretical, practical, bacteriological and clinical aspects of maggot debridement therapy will be discussed, while patients with chronic wounds will be treated with living maggots (Erdal Polat, Hrisi Bahar-Tokman & Kosta Mumcuoglu (Turkey & Israel)



Friday, October 6, 2017

08:00 – 09:00

Registration

Coffee & Refreshment

09:00 - 10:30

Session 4: Maggot Debridement Therapy (3)

Chairmen: Michail Rallis (Greece) & Hrisi Bahar-Tokman (Turkey)

Oral presentations:

09:00 – 09:15

Spectrum of bacteria isolated from chronic diabetic foot ulcers of patients receiving maggot therapy - Hrisi Bahar-Tokman, Zeynep Taner, Sinem Özdemir, Tolga Ulutürk, Öykü Dinç, Nevriye Gönüllü, Uğur Demirpek, Hülya Ağgez, Serhat Sirekbasan & Erdal Polat (Turkey)

09:15 – 09:30

Bacterial profiles of chronic traumatic wounds in non-diabetic patients receiving maggot debridement therapy - Erdal Polat, Zeynep Taner, Sinem Özdemir, Reyhan Çalışkan, Tolga Ulutürk, Seçil İskender, Nevriye Gönüllü, Uğur Demirpek, Hülya Ağgez & Hrisi Bahar-Tokman (Turkey)

09:30 – 09:45

A bibliometric analysis of maggot/larval therapy research during the years 1975-2016 - Emre Demir, Djursun Karasartova, Ayşe Semra Güreşer, Ayşegül Taylan Özkan & Kosta Y. Mumcuoglu (Turkey & Israel)

09:45 – 10:00

Maggot debridement therapy in the treatment of chronic wounds in Israel - Kosta Y. Mumcuoglu (Israel)

10:00 – 10:30

Coffee break & Refreshments

Poster presentations

10:30 – 13:00

Session 5: Apitherapy

10:30 – 11:00

Plenary lecture

Chairman: Sibel Silici (Turkey)

10:30 – 11:00

An urgent need for an international system of credentials and accreditation on apitherapy healthcare services - Ali Timucin Atayoglu, Ayten Guner Atayoglu & Abdul Kadir Slocum (Turkey)

11:00 – 12:30

Oral presentations

Chairmen: Ardo Sabir (Indonesia) & Ali Timucin Atayoglu (Turkey)

11:00 – 11:15

Potential healing properties of bee products on thermal and sun burns - Elisavet Theodoraki, Asimina Terezaki, Paschalis



Harizanis, Ioannis Sfiniadakis, Maria Kyriazi, Vasilios Roussis, Georgios Th. Papaioannou, Marianna Papageorgiadi, Andreas Grigoropoulos & Michail Rallis (Greece)

- 11:15 – 11:30 The effect of bee products on cell cultures: a systematic approach - Zifa N. Saifutdinova, Vyacheslav A. Vasilyev & Aleksandra N. Vasilyeva (Russia)
- 11:30 – 14:15 The antidiabetic effect of Saharan Algerian honey and pollen: an in vivo study in the rat - Noureddine Djebli, Imane Abdesadouk, Hadjer Chenini & FaizaAttari (Algeria)
- 11:45 – 12:00 Indonesian propolis suppressed the expression of cyclooxygenase enzymes on inflamed rat dental pulp in direct pulp capping treatment - Ardo Sabir, Latief Mooduto, Cahyono Kaelan, Sherly Horax & Rina Masadah (Indonesia)
- 12:00 – 12:15 The influence of *Trigona sp.* propolis on antibacterial activity of glass ionomer cement toward *Streptococcus mutans* growth - Ardo Sabir & Yusuf Nengsi (Indonesia)
- 12:15 – 12:30 Characterization of honey and bee pollen of the southern slope of the high Moroccan Atlas - Younes Belrhazi, Ismail Bettar, Fouad Msanda & Abderrahim Ihitassen (Morocco)
- 12:30 – 12:45 Antioxidant activities of honeybee products and their mixtures - Duran Özkök, Mustafa Öner Küçük & Sibel Silici (Turkey)
- 12:45 – 13:00 Discussion
- 13:00 – 14:00 Lunch**
- 14:00 – 15:00 Session 6: Workshop: Maggot Debridement Therapy (2)**
- The theoretical, practical, bacteriological and clinical aspects of maggot debridement therapy will be discussed, while patients who maggot debridement therapy the day before will be re-examined and the results will be discussed - Erdal Polat, Hrisi Bahar-Tokman & Kosta Mumcuoglu (Turkey & Israel)
- 15:00 – 16:00 Session 7: Workshop: Apitherapy**
- The practical and theoretical aspects of bee-venom therapy as well as the safety issues in apitherapy practice will be discussed. This will include exposure to bee stings, precaution against bee-venom allergy, treatment modalities for bee-venom allergy, details to be aware during application of bee-venom, points to consider after application of bee-venom and emergency intervention in case of anaphylactic shock - Ali Timucin Atayoglu, Mustafa Öner Küçük, Veli Cicimen & Ahmet Gödekmerdan (Turkey)
- 16:00 – 17:00 Poster presentations**



Saturday, October 7, 2017

The whole day Visit of Istanbul, ship tour in Bosphorus and Gala Evening

Sunday, October 8, 2017

08:00 – 09:00 Registration / Coffee & Refreshment

09:00 – 13:00 Session 8: Hirudotherapy

Chairmen: Konstantin Sukhov (Russia) & Ahmet Carhan (Turkey)

09:00 – 10:30 Plenary lecture:

09:00 – 09:45 Hirudotherapy in modern world – An update - Konstantin Sukhov (Russia)

09:45 – 10:30 Leeches and hirudotherapy – Olga Gileva & Kosta Y. Mumcuoglu (Russia & Israel)

10:30 – 11:00 Coffee break and Refreshments

11:00 – 12:30 Oral presentations

Chairmen: Kosta Y. Mumcuoglu (Israel) & Aysegul Taylan-Ozkan (Turkey)

11:00 – 11:15 Bronchitis: an effective treatment in combination of hirudotherapy and cupping therapy - Konstantin Sukhov (Russia)

11:15 – 11:30 The use of the medicinal leech *Hirudo medicinalis* in the reconstructive plastic surgery - Kosta Y. Mumcuoglu (Israel)

11:30 – 11:45 Scientometric analysis of literature on leeches and hirudotherapy between the years 1975 and 2016 - Emre Demir, Ayşe Semra Güreser, Djursun Karasartova, Ayşegül Taylan Özkan & Kosta Y. Mumcuoglu (Turkey & Israel)

11:45 – 12:00 The use of hirudotherapy and cupping therapy for the treatment of idiopathic granulomatous mastitis - Mujgan Caliskan, Ali Timucin Atayoglu, Kaleem Ullah Rajput, Abdulkadir Eren, Seyma Betul Yuksel, Cigdem Sahin & Ayse Altay (Turkey)

12:00 – 12:15 Hirudopuncture: Acupuncture treatment with medicinal leeches - Batu Bayar (Turkey)

12:15 – 12:30 Use of leeches for medical purposes in Turkey – Hüseyin Ayhan, Salih Mollahaliloğlu, Ahmet Çarhan & Ahmet Gödekmerdan (Turkey)

12:30 – 13:00 Lunch



14:00 – 16:00

Session 9: Workshop: Hirudotherapy I

The theoretical, practical and clinical aspects of hirudotherapy will be discussed and patients with varicose veins will be treated with leeches. The guidelines for the use of leeches in the vascular surgery (detached digits, flaps and transplants) will be discussed (Erdal Polat, Ugur Cangel & Kosta Y. Mumcuoglu_(Turkey & Israel)

16:00 – 17:00

Session 10: Workshop: Hirudotherapy II

The theoretical, practical and clinical aspects of hirudotherapy will be discussed and patients with osteoarthritis will be treated with leeches. The guidelines for the use of leeches in patients with osteoarthritis, the principles of hirudopuncture as well as the role of turmeric on leeches will be discussed - M. Öner Küçük, Kanat Tayfun & Ahmet Gödekmerdan (Turkey)

Monday, October 9, 2017

08:00 – 09:00

Registration / Coffee & Refreshment

09:00 - 10:30

Session 11: Ichthiotherapy

Chairman: Semra Ozcelik (Turkey) & M. Ali Akpınar (Turkey)

09:00 – 09:45

Plenary lecture

09:00 – 09:45

Ichthiotherapy worldwide – Semra Ozcelik, Sedat Ozcelik Martin Grassberger & Kosta Y. Mumcuoglu (Turkey, Austria & Israel)

09:45 – 10:30

Session 12: Helminthotherapy

Chairmen: David Prichard (UK) & Mahmut Tokac (Turkey)

09:45 – 10:30

Plenary lecture:

09:45 – 10:30

Helminthotherapy: The hookworm *Necator americanus* - a therapeutic pathogen - David Prichard (UK)

10:30 – 11:00

Coffee break and Refreshments

11:00 – 11:15

Session 13: Additional Therapeutic Modalities

Chairmen: M. Zafer Kalayci (Turkey) & Kanat Tayfun (Turkey)

Oral presentation

11:00 – 11:15

Alternative treatment modalities for HIV/AIDS patients - Mohammed Taqee Ansari (India)

11:15 – 13:00

Session 14: Poster Presentation



A. Maggot Debridement Therapy

Maggot therapy in Latin America - Alicia Fonseca Muñoz, Hugo E. Sarmiento Jimene, Liliana Robles Bautist, Rafael Pérez Pacheco, Carlos A. Granados Echegoyen, Carolina Núñez Vazquez (Mexico)

Use of maggot therapy in a severe gangrenous case - Alicia Fonseca Muñoz, Hugo E. Sarmiento Jiménez, Liliana Robles Bautista, Rafael Pérez Pacheco, Carlos A. Granados Echegoyen (Mexico)

Development of *Lucilia sericata* on different culture media - Aikaterini Patouli, Evangelia Arapostathi, Michail Rallis, Andreas Vitsoa, Georgios Papadoulis & Antonios Emmanuel Tsagkarakis (Greece)

Treatment of 181 patients with diabetic foot ulcer with maggots of *Lucilia sericata* - Erdal Polat, Hüseyin Çakan, Serhat Sirekbasan, Zekayi Kutlubay & Turgut İpek (Turkey)

Comparison of maggot debridement and vacuum-assisted therapies in ischemic wounds after revascularization in peripheral artery diseases - Ugur Cangel, Serhat Sirekbasan & Erdal Polat (Turkey)

Investigation of antibacterial activities of *Lucilia sericata* maggots and their secretions against methicillin-resistant *Staphylococcus aureus* (MRSA) and methicillin-susceptible *Staphylococcus aureus* (MSSA) under in-vivo and in-vitro conditions – Erdal Polat, Dilek Balaban & Hüseyin Çakan (Turkey)

Bacteria isolated from bone samples of patients receiving maggot treatment for chronic osteomyelitis - Hrisi Bahar-Tokman, Zeynep Taner, Sinem Özdemir, Reyhan Çalışkan, Seher Akkuş, Yeşim Öztürk-Bakar, Münevver Sadunoğlu Güler, Tolga Ulutürk, Seçil İskender, Nevriye Gönüllü, Uğur Demirpek, Hülya Ağgez & Erdal Polat (Turkey)

Bacteria isolated from ulcers due to vascular insufficiency in non-diabetic patients receiving maggot therapy - Hrisi Bahar-Tokman, Zeynep Taner, Sinem Özdemir, Öykü Dinç, Yeşim Öztürk Bakar, Münevver Sadunoğlu Güler, Seher Akkuş, Tolga Ulutürk, Seçil İskender, Nevriye Gönüllü, Uğur Demirpek, Hülya Ağgez, Serhat Sirekbasan & Erdal Polat (Turkey)

B. Hirudotherapy

Hirudotherapy in the treatment of acute bilateral otitis media - Konstantin Sukhov (Russia)