

16 OCTOBER 2018 – Tuesday

09.00 – 10.30

HALL – A

SESSION – A1

Moderator: Prof. Dr. Halil YENİNAR

09.00 – 09.15

Morphometric Analysis of Honey Bee (*Apis mellifera* L.) Colonies in Breeder Queen Rearing Stations in Turkey

Yasin KAHYA, H. Vasfi GENÇER, Mete KARACAOĞLU, Aytül UÇAK KOÇ, Cengiz ERKAN, M. Burak KIZILTEPE, Sabri DEMİR

09.15 – 09.30

Racial Discrimination of Breeder Queens Reared in Breeder Queen Rearing Stations by Morphometry

H. Vasfi GENÇER, Yasin KAHYA, Sabri DEMİR

09.30 – 09.45

Determination of the Standards Compliance of the Quality Criteria of the Queen Bees Grown in the Early Period of the Mediterranean Region

Servet ARSLAN, Habibe Sema ARSLAN, Mahir Murat CENGİZ, Burcu KARAKUŞ

09.45 – 10.00

Change level of hygienic behaviour breeding parameters in the Caucasian honey bee (*A. m. caucasica* G.) subspecies during five generations

Ahmet GÜLER, Selim BIYIK, Gökhan KAVAK

10.00 – 10.30

Nutrition and Health of Honeybees

Karl CRAILSHEIM

10.30 – 11.00

COFFEE BREAK

11.00 – 12.30

HALL – A

SESSION – A2

Moderator: Prof. Dr. Ahmet GÜLER

11.00 – 11.15

The Storage of Honey Bee Semen by Dialysis Method

Aziz GÜL, M. Yunus UZUN, Durmuş Ali CEYLAN, Aleaddin YÖRÜK, Halil YENİNAR, Ethem AKYOL

11.15 – 11.30

Isolation and Identification of Fructophilic Lactic Acid Bacteria from the Intestinal Microflora of the Anatolian Honey Bee Mugla Ecotype (*Apis mellifera anatoliaca*)

Atiye İlkyaz DÖNMEZ, Nurettin ŞAHİN

11.30 – 11.45

Genetics and Breeding in Honeybee: Theory and Application

Türker SAVAŞ, Mustafa KÖSOĞLU

11.45 – 12.00

Determination of Genetic Variation in Some Honeybee Populations of Turkey Using Microsatellite Loci

Rahşan İVGİN TUNCA, Kemal KARABAĞ, Emel TÜTEN SEVİM, Taylan DOĞAROĞLU

- 12.00 – 12.15 Marker Compounds of Pine Honey
Mehmet Emin DURU, Selçuk KÜÇÜKAYDIN
- 12.15 – 12.30 Characterisation of two honeybee ecotypes from Aegean and Western Black Sea in Turkey
İrfan KANDEMİR, Üzeyir KARACA, Selahattin GÜNEY
- 12.30 – 14.00 LUNCH**
- 14.00 – 14.45 HALL – A**
SATELLITE SYMPOSIUM / TARSİM – Agricultural Insurance Pool
State Supported Bee Hives Insurance
Elif YÜCE – Agricultural Insurance Pool – Animal Insurance Manager
- 14.45 – 15.00 COFFEE BREAK**
- 15.00 – 16.15 HALL – A**
SESSION – A3
Moderator: Prof. Dr. Banu YÜCEL
- 15.00 – 15.30 The Effect of Regional Differences on Physical and Chemical Features of Turkish Pine Honey
Şeref TEPE, Aynur BARAN, Çiğdem TAKMA, Üzeyir KARACA, Ersel YEŞİL, Özgül UÇURUM, Sümeyye KARAKUŞ, Fazlı GÜNEY
- 15.30 – 15.45 Determination of Heavy Metal Contents of Pine Honey Produced in Different Regions (Turkey)
Sümeyye KARAKUŞ, Ersel YEŞİL, Şeref TEPE, Aynur BARAN, Özlem UÇURUM, Çiğdem TAKMA, Ünal EKERBİÇER, Üzeyir KARACA, Fazlı GÜNEY
- 15.45 – 16.00 Grouping Physical, Chemical and Mineral Properties of Pine Honey By Using Principal Component Analysis
Çiğdem TAKMA, Sevqi KOLAYLI, Banu YÜCEL, Aslı ÖZKÖK
- 16.00 – 16.15 Quality Classification of Pine Honey according to Some Physical Chemical and Mineral Substances of using K-Means Clustering Method
Çiğdem TAKMA, Banu YÜCEL, Sevqi KOLAYLI, Neslihan ÖZSOY, Miray DAYIOĞLU
- 16.15 – 16.30 COFFEE BREAK**

16.30 – 18.30 **HALL – A**
PANEL – WORLD BEEKEEPING
Moderator: Ziya ŞAHİN

Speakers

Karl CRAILSHEIM
Jeff PETTIS
Milan Wiercx van RHIJN
Lucas LANDI
Cristina MATEESCU
Miguel Vilas BOAS

18.30 – 19.00 **POSTER SESSION**

21.00 – 23.00 **AMPHITHEATRE**
TURKISH BEEKEEPING AWARDS
AWARD CEREMONY

17 OCTOBER 2018 – Wednesday

09.00 – 10.30 **HALL – A**
SESSION – A4
Moderator: Prof. Dr. H. Vasfi GENÇER

09.00 – 09.15 Determination of Changes During Storage in Some Pollen Quality Parameters Packed by Different Methods
Neslihan ÇAKICI, Nurten TÜR KARSLAN, Fazıl GÜNEY

09.15 – 09.30 The Effects of Different Industrial Sugars Feeding on the Yield of Royal Jelly of the Honeybee (*Apis mellifera* L.) Colonies
Semiramis KARLIDAĞ, Abuzer AKYOL, Gülşah SAATÇIOĞLU, Abdurrahman KÖSEMAN, İbrahim ŞEKER, Selim ERDOĞAN, Ayşe Burçin UYUMLU, Murat YILMAZTEKİN

09.30 – 09.45 What can be the source of the oak honey?
Aslı ÖZKÖK, Kadriye SORKUN

09.45 – 10.00 Aroma Composition of Heather Honeys and Their Mixtures
Selçuk KÜÇÜKAYDIN, Çiğdem KUŞ, Fatih ÇAYAN, Özge TAŞ, Mehmet Emin DURU

10.00 – 10.30 **Diversification As A Tool For Sustainable Beekeeping: Are International Standards A Bottleneck?**
Miguel Vilas BOAS

10.30 – 11.00 COFFEE BREAK

**11.00 – 12.30 HALL – A
SESSION – A5**

Moderator: Prof. Dr. Mehmet Emin DURU

11.00 – 11.15 Developments for Production of Pine Honey in the Scope of Beekeeping-Forestry Relations in Muğla – Turkey
Mehmet KORKMAZ, Mustafa AVCI

11.15 – 11.30 The situation of transplanted *Marchalina hellenica* in Mersin forests
Serdar GÖKTEPE, Şükran OĞUZOĞLU, Meltem KALAY GÖKTEPE, Mustafa AVCI

11.30 – 11.45 An analysis of climate change in Southeast Anatolia
M. Doğan KANTARCI

11.45 – 12.00 Trends in Seasonal and Annual Mean Temperatures and Total Precipitation Recorded by Weather Stations in Mugla
Ömer Faruk KAYA

12.00 – 12.30 **How can we prevent bee pest and disease movement worldwide?**
Jeff PETTIS

12.30 – 14.00 LUNCH

**14.00 – 14.45 HALL – A
SATELLITE SYMPOSIUM / BEE'O**

Production of Bee Products by Contracted Beekeeping Business Model
Aslı Elif TANUĞUR SAMANCI
SBS Scientific Bio Solutions Company – General Manager

14.45 – 15.00 COFFEE BREAK

**15.00 – 16.15 HALL – A
SESSION – A6**

Moderator: Assoc. Prof. Veli GÜLYAZ

15.00 – 15.15 Negative Effects of Neonicotinoid Insecticides for Bees and the Reality of Turkey and the World
Ali BİLGİLİ

15.15 – 15.30 Evaluation of the Bactericidal Effect and Chemical Composition for Essential Oils of *Micromeria barbata*, *Eucalyptus* species and *Juniperus excelsa* against the honeybee pathogen *Paenibacillus larvae*, causal agent of American foulbrood disease
Khaled EL OMARI, Monzer HAMZE, Thaer ALWAN, Charafeddine JAMA, Nouredine CHIHIB

15.30 – 15.45 Are Honey Bee (*Apis mellifera*) and Bee Products A Good Sentinel for Pesticides and Environmental Contamination?
Shimon BAREL, Roy SPERLING, Karsten OTT, Haim KALEV, Levent AYDIN, A. Onur GİRİŞGİN, Jakob Avi SHIMSHONI

15.45 – 16.00 Effectiveness of *Originum minutiflorum*, *Artemisia absinthium*, Ozone (Nano) Solution and Combinations in *Nosema ceranae* Infection of the Honey Bees
Mehmet ÖZÜÇLİ, A. Ümit SABANCI, Levent AYDIN, A. Onur GİRİŞGİN, Oya GİRİŞGİN

16.00 – 16.15 Comparison of acute pesticide poisoning with poor nutrition and honey bee diseases in sudden honey bee deaths
Hasan Hüseyin ORUÇ, Meltem ÇAYCI

16.15 – 16.30 COFFEE BREAK

16.30 – 18.00 HALL – A

WORKSHOP

Moderator: Prof. Dr. Levent AYDIN

(BEE HEALTH and BIOSECURITY)

(EFFECTS OF PESTICIDES)

18 OCTOBER 2018 – Thursday

09.00 – 10.30

HALL – A

SESSION – A7

Moderator: Prof. Dr. Sevgi KOLAYLI

09.00 – 09.15

A Research on Androgenic Effects for Saanen Male Kids of Drone Bee Larvae (Apilarnil) by Administered Oral Way; “ Effects on Growth and Testosterone Hormone Levels”

Banu YÜCEL, Turğay TAŞKIN, Nedim KOŞUM, Çağrı KANDEMİR, Mehmet Emin DURU, Gamze SEVRİ, Ekrem AŞICI, Funda KIRAL

09.15 – 09.30

Determination of Phenolic Acid and Flavonoid Profile of Honeydew and Floral honeys Produced in Turkey

Nevzat ARTIK, Nevzat KONAR

09.30 – 09.45

Investigating Antioxidant and Antimicrobial Activities of Propolis Extracts Prepared with Various Solvents

Gülsüm Merve TURKUT, Atiye DEĞİRMENCİ, Mehtap ER, Oktay YILDIZ

09.45 – 10.00

The Investigation of the Usability of Propolis Extracts in Aids Treatment

Oktay YILDIZ, Ali Osman BELDÜZ, Halil İbrahim GÜLER, Serap PEKTAŞ, Sevgi KOLAYLI

10.00 – 10.30

Health Benefits, Risks and Warnings in Apitherapy. Is Apitherapy A “Health Threat”?

Cristina MATEESCU

09.00 – 10.30

HALL – B

SESSION – B8

Moderator: Prof. Dr. Nuray ŞAHİNLER

09.00 – 09.15

We Are The Bees We Have Honey-6

Meral KEKEÇOĞLU, Pınar GÖÇ RASGELE, Filiz EVRAN ACAR

09.15 – 09.30

Investigation of Purchase Behavior and Knowledge and Confidence Levels of Bee Products of Consumers

Mehmet MARANGOZ, Zehra TAYÇU DOLU

09.30 – 09.45

Melissopalynological, physicochemical and antimicrobial characteristics of honey samples produced in Bayburt, Turkey

Nesrin ECEM BAYRAM, Mustafa Onur YÜZER, Sinan BAYRAM

09.45 – 10.00

The Views and Buying Behaviours of Consumers Relating to Honey

Hasan ALKAN, Murat ÖZEN, Ramazan ÖZÇELİK

10.00 – 10.15

Consumer Profile of Purchased Local Honey with Internet

Nilsun SARIYER

- 10.15 – 10.30 “My Bee, My Honey, My Honeycomb” Project
Feyzullah KONAK, Şeref CINBIRTOĞLU, Fazıl GÜNEY, Enver TOP, Yusuf ÖZKAYA
- 10.30 – 11.00 COFFEE BREAK**
- 11.00 – 12.30 HALL – A**
SESSION – A8
Moderator: Prof. Dr. Gamze SANER
- 11.00 – 11.15 The Project of the Digital Recording of Beekeeping Spots in Muğla Province
Enver AYDIN
- 11.15 – 11.30 Babu Operations International Competitive Strategy and Branding Process in Beekeeping Insurance (TARSİM) Implementation
Mehmet Ali AKKAYA
- 11.30 – 11.45 An Evaluation on Beekeeping Investment Models Toward the Variety of Bee Products
Nihal GÜVEN ALTINKURT, Gamze SANER, Banu YÜCEL
- 11.45 – 12.00 Socioeconomic analysis of beekeeping in northern Iraq
Eftekhar ALI, Cuma AKBAY
- 12.00 – 12.30 The power of bees to transform people’s lives**
Milan Wiercx van RHIJN
- 12.30 – 14.00 LUNCH**
- 14.00 – 14.45 HALL – A**
SATELLITE SYMPOSIUM / BALPARMAK
Balparmak Beekeeping Academy Training Programme
Introduction For Gaining Women and Young People to Beekeeping Sector
Dr. Emel DAMARLI – Director of R & D and Quality
- 14.45 – 15.00 COFFEE BREAK**
- 15.00 – 16.15 HALL – A**
SESSION – A9
Moderator: Prof. Dr. Hüseyin FAKİR
- 15.00 – 15.15 Honey Bees Effect on Apricot and Apple Pollination
Ali KORKMAZ
- 15.15 – 15.30 The Importance of Bumble Bee Pollination in Turkey Greenhouse Tomatoes Production
Fehmi GÜREL, Bahar ARGUN KARSLI, Ayhan GÖSTERİT

- 15.30 – 15.45 Programmes, Limits and Opportunities in Honey Forest
Kodjo Logou AGOSSOU
- 15.45 – 16.15 **Pollination, livelihoods and sustainable agriculture**
Lucas LANDI
- 16.15 – 16.30 COFFEE BREAK**
- 16.30 – 18.30 HALL – A
WORKSHOP**
- 16.30 – 17.30 **Moderator:** Prof. Dr. Banu YÜCEL
(PRODUCTION, STORAGE, MARKETING of APITHERAPY PRODUCTS and FOOD SAFETY)
- 17.30 – 18.30 **Moderator:** Prof. Dr. Ahmet GÜLER
(BEE BREEDING)
- 18.30 – 19.00 POSTER SESSION**

19 OCTOBER 2018 – Friday

09.00 – 10.30

HALL – A

SESSION – A10

Moderator: Prof. Dr. Kemal KARABAĞ

09.00 – 09.15

The Evaluation of Resistance Ability of Iranian Honey Bees (*Apis mellifera meda*) Against Varroa (*Varroa destructor*) Mite

Amir NAJI KHOEI

09.15 – 09.30

Comparison of *A. mellifera anatoliaca* colonies in Muğla Region in terms of Deformed Wing Virus

Kemal KARABAĞ, Ayşe ALEMLİ, Rahşan İVGİN TUNCA

09.30 – 09.45

The Effect of The Two Queen Colony Management on Colony Performance and Varroa (*Varroa destructor* Anderson & Trueman) Infestation Level in Honey Bees (*Apis mellifera* L.)

Emir Han CENGİZ, Ferat GENÇ, Mahir Murat CENGİZ

09.45 – 10.00

Short Question–Long Answer on Varroa Control

A. Onur GİRİŞGİN

10.00 – 10.15

Is Package Beekeeping Sustainable by Technically and Economically in Turkey?

Mustafa KÖSOĞLU, Hakan ADANACIOĞLU, Erkan TOPAL, Banu YÜCEL, Gamze SANER, Üzeyir KARACA

10.15 – 10.30

Desinging A Useful Model for Reducing Some Problems in Migratory Beekeeping

Ethem AKYOL, Adnan ÜNALAN, Ayhan CEYHAN, Yaşar AKKO, Mustafa GÜNEŞDOĞDU

10.30 – 11.00

COFFEE BREAK

11.00 – 12.00

HALL – A

SESSION – A11

Moderator: Assoc. Prof. A. Onur GİRİŞGİN

11.00 – 11.15

Fatty Acids in Homogenate of Drone Milk

Oleksiy LOSYEV, H. YAGICH

11.15 – 11.30

Antioxidant Activities of Citrus Honey Produced in Antalya and Adana Region

Aylin ALBAYRAK, Meltem TAŞ, Gülsen TEL-ÇAYAN, Mehmet Emin DURU

11.30 – 11.45

Chemometric Analysis of Phenolic Acid Homologues from Marmara Region Chestnut Honeys

Fatih ÇAYAN, Gülsen TEL-ÇAYAN, Mehmet ÖZTÜRK, Çiğdem TAKMA, Mehmet Emin DURU

11.45 – 12.00

Chemical Structure and Anti Fungal Activity of Propolis Produced in Muğla Province

Nuray ŞAHİNLER, M. Uygur TÜRK, Suat ŞAHİNLER, Havva DİNLER

12.00 – 12.30 **HALL – A**
CLOSING CEREMONY

12.30 – 14.00 **LUNCH**

14.00 – 18.30 **TECHNICAL TOUR**