

CONGRESS PROGRAM

SCHEDULE



Icbees
International Congress on Bee Sciences

Third
International
Congress on Bee
Sciences

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ONLINE FREE OF CHARGE 24-25-26 April 2024



       

24. APRIL 2024 / WEDNESDAY

JOIN ZOOM MEETING

<https://zoom.us/j/98063474161?pwd=RU9jUExnTllzLzU3NzFnaENiQko3Zz09>

Meeting ID: 980 6347 4161 Password: icbees

OPENING CONCERT AND SPEECHES

10:45-11:00 (Turkey Local Time, GMT +3)

FIRST SESSION

HALL A

TIME: 11:00-13:30 (Turkey Local Time - GMT+3)

MODERATOR: Assoc. Prof. Dr. Ali Timuçin Atayoğlu

President of the International Federation of Apitherapy. Istanbul Medipol

University, Turkey

Prof. Dr. Vassya Bankova

Bulgarian Academy of Sciences, Bulgaria

Recent advances in research on stingless bees propolis from Vietnam and Indonesia

Prof. Dr. Hesham R. El-Seedi

Uppsala University, Sweden

Bee Pollen's Nutritional Secrets and Functional Properties

Assist. Prof. Dr. Carolina Nebot Garcia

University of Santiago de Compostela, Spain

Minerals present in honey: Risk or benefits for health

Prof. Dr. Ales Gregorc

University of Maribor, Slovenia

Effects of pesticides coumaphos and imidacloprid in honey bee (Hymenoptera: Apidae)

cellular and organismal level

Prof. Dr. Mohamed Shebl

Suez Canal University, Egypt

Bee biodiversity and food security

LUNCH

13:30-14:00 (Turkey Local Time - GMT+3)

SECOND SESSION

HALL A

TIME: 14:00-16:00 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Paweł Olczyk

Medical University of Silesia in Katowice, Polish Academy of Sciences, Poland

Assoc. Prof. Dr. Yahya Al Naggar

Tanta University, Egypt

Effects of Novel Insecticides and pathogens on Honey Bee health

Prof. Dr. Dharam P Abrol

Sher-e-Kashmir University of Agricultural Sciences & Technology, India

Energetics of pollination biology – An analysis

Dr. Bridget Goodwin

President of Australian Apitherapy Association

Bee Venom for Cancer

Assist. Prof. Dr. Kresimir Matanovic

University of Zagreb, Croatia

Urban beekeeping: Should we keep honeybees or solitary bees?

COFFEE BREAK

16:00-16:20 (Turkey Local Time - GMT+3)

THIRD SESSION

HALL A

TIME: 16:20 - 18:20 (Turkey Local Time - GMT+3)

MODERATOR: Assoc. Prof. Dr. Dimitris Mossialos

University of Thessaly, Greece

Dr. Antoine Champetier

University of Bern, Switzerland

Economic valuation of beekeeping forage: Principles and case studies

Assist. Prof. Dr. Anna Kurek-Górecka

Medical University of Silesia in Katowice, Poland

Propolis as cardioprotective agent

Prof. Dr. Dany El-Obeid

Lebanese University, Lebanon

State of Art the Beekeeping Sector in Lebanon

Dr. Giovanni Cilia

CREA Research Centre for Agriculture and Environment, Italy

Ecological and social factors influence interspecific pathogens occurrence among bees

Dr. Stefan Stangaciu

President of the Romanian Apitherapy Society, General Secretary of the International

Federation of Apitherapy, Romania

Why honey is an excellent remedy against all kind of burns?

COFFEE BREAK

18:20-18:30 (Turkey Local Time – GMT+3)

FOURTH SESSION

HALL A

TIME: 18:30-20:40 (Turkey Local Time - GMT+3)

MODERATOR: Assoc. Prof. Dr. Yahya Al Naggar

Tanta University, Egypt

Prof. Dr. Patricia Vit

Universidad de Los Andes, Venezuela

Cerumen and propolis, a book for the bioactive beeswax-plant resin based materials of stingless bee nest architecture.

Prof. Dr. Soraia Falcão

Instituto Politécnico de Bragança, Portugal

Bee Pollen and Bee Bread: Exploring Nutritional Composition and Bioactivity

Dr. Andresa Berretta

Head of R&D and Innovation of Apis Flora Company, Brazil

Utilizing Technology and Innovation to Enhance the Advantages of Green Propolis

Extract – i-CAPS Technology and Findings

Prof. Dr. Patricia Vit

Universidad de Los Andes, Venezuela

Volatiles of Erica Melipona favosa honey from Venezuela by HS-SPME/GC-MS

Assoc. Prof. Dr. Christopher Mayack

United States Department of Agriculture, United States

Poor air quality and climate change effects on bee health

25. APRIL 2024 / THURSDAY
HALL A
JOIN ZOOM MEETING

<https://zoom.us/j/98063474161?pwd=RU9jUExnTllzLzU3NzFnaENiQko3Zz09>

Meeting ID: 980 6347 4161 Password: icbees

FIRST SESSION

TIME: 09:00-11:00 (Turkey Local Time - GMT+3)

MODERATOR: Franco Mutinelli

National Reference Center for Beekeeping, Legnaro, Italy

1. Title:	Melissopalinalogical and Bioactivity Investigation of Chestnut Honey of Black Sea Region
Author(s):	<u>Derya Keleşoğlu</u> , Serhat Karabıçak, Şeymanur Aktaş, Oktay Bıyıkloğlu, Talip Çeter
2. Title:	Antibacterial and Antioxidant Activity of Propolis Extract From Giresun/Türkiye Against Plant and Human Pathogen Bacteria
Author(s):	<u>Mehtap Usta</u>
3. Title:	Advancements in Hyperspectral Imaging for Food Quality Assurance: Emphasis on Honey Adulteration Detection
Author(s):	<u>Bekir Gökçen Mazi</u>
4. Title:	Comparison of Phenolic Content and Antioxidant Activity of Flower Honey Samples from Three Different Regions
Author(s):	<u>Tuğba Nigar Bozkuş</u>
5. Title:	Assessment of pests and predators of tropical honeybees (apidae: apis cerana f.) And the performance of their colonies in different types of hive wood
Author(s):	Mohd Iftar Johwan Bin Johny Hasbulah, Bellericter Binjamin, Lee Nyuk Choon, Jamilah Ariffin, Kimberly AK Ador, <u>Suzan Benedick</u>
6. Title:	Flowering Phenology and Application of Tetragonula laeviceps as Pollinating Agent to Achieve Acceptable Fruit Quality of Red-Fleshed Pitaya (Hylocereus polyrhizus) in Sabah, Malaysia
Author(s):	<u>Kimberly Ador</u> , Suzan Benedick
7. Title:	Long term maintainance of sterility of Indian honey
Author(s):	<u>Amit Jain</u> , Apoorva HC, Prakash
8. Title:	Effect of Honey on Hormones and on Endocrine Glands
Author(s):	<u>Sabina Khanam</u>
9. Title:	Evaluation of Bioactive Properties of Various Propolis Mixtures Used as Functional Food
Author(s):	Serap Kılıç Altun, <u>Mehmet Emin Aydemir</u>
10. Title:	Exploring Health Advantages of Honeybee Pollen Flora and its Crucial Role in Enhancing Food Security
Author(s):	<u>Muhammad Zafar</u> , Mushtaq Ahmad, Shazia Sultana, Talip Şahin, Ömer Kılıç
11. Title:	Molecular Detection of Honey Bee Viruses in Pollen, Bee Bread and Royal Jelly
Author(s):	<u>Delka Salkova</u> , Ralitsa Balkanska, Rositsa Shumkova, Georgi Radoslavov, Peter Hristov
12. Title:	Chemical analysis, antioxidant, cytotoxic and antimicrobial properties of propolis from different geographic regions
Author(s):	<u>Mohamed G. Shehata</u> , Fauziah T. Ahmad, Ahmed N. Badr, Saad H. Masry, Sobhy A. El-Sohaimy

COFFEE BREAK

TIME: 11:00-11:20 (Turkey Local Time - GMT+3)

SECOND SESSION

HALL A

TIME: 11:20-13:50 (Turkey Local Time - GMT+3)

MODERATOR: Assist. Prof. Dr. Wen-Jie Ng

Universiti Tunku Abdul Rahman (UTAR), Malaysia

Prof. Dr. Badiaa Lyoussi

University Sidi Mohamed Ben Abdellah, Fez, Morocco

The Antioxydative profile of bee products: a potential approach that warrants a clinical investigation

Prof. Dr. Amelia Nicolas

Central Bicol State University of Agriculture, Bicol, Philippines

Melitourism Social Enterprise Development in the Philippines

Prof. Dr. Sevgi Kolaylı

Karadeniz Technical University, Türkiye

Chestnut bee pollen: nutritional and biochemical properties

Prof. Dr. Aslı Özkırım

Hacettepe University, Türkiye

ApiHealth and Apitourism

Prof. Dr. Mahaneem Mohamed

Universiti Sains Malaysia, Malaysia

Stingless bee propolis from Malaysia in a diabetic animal model

Answer and Questions for Poster Presentations

TIME: 13:50-14:10 (Turkey Local Time - GMT+3)

THIRD SESSION

HALL A

TIME: 14:10-16:40 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Sibel Silici

Erciyes University, Türkiye

Assist. Prof. Dr. Wen-Jie Ng

Universiti Tunku Abdul Rahman (UTAR), Malaysia

Impact of Stingless Bee Honey on the Membrane of Antibiotic Resistant Escherichia coli

Prof. Dr. Sibel Silici

Erciyes University, Türkiye

Bioactive properties of drone larvae at different days

Prof. Dr Mushtaq Ahmad

Quaid-i-Azam University, Pakistan

Honey bee flora and Apiaries in Northern Hemisphere in Asia

Prof. Dr. Narimane Segueni

University Salah Bounider, Algeria

Propolis antioxidant activity: applied methods and challenges

Bee Group Exhibition From The Fine Arts Association

TIME: 16:40-17:00 (Turkey Local Time - GMT+3)

FOURTH SESSION

HALL A

TIME: 17:00-19:00 (Turkey Local Time - GMT+3)

MODERATORS: Prof. Dr. Narimane Segueni

University Salah Boubnider, Algeria

Assoc. Prof. Dr. Dimitris Mossialos

University of Thessaly, Greece

Bioprospecting of honeybee products produced in Greece: focus on the microbiome

Prof. Dr. Banu Yücel

Ege University, Türkiye

Bee venom production: pros and cons

Prof. Dr. Julieta Grajales-Conesa

Universidad Autónoma de Chiapas, Mexico

Alternative uses of pot honey in post harvest fruit production

Dr. María Alejandra López Pazos

Médico Veterinaria Apiterapeuta

Veterinary Apitherapy

HALL B
JOIN ZOOM MEETING

<https://zoom.us/j/93276450663?pwd=K2pBajhqaDBYTFJWaTczT1dQRzVrQT09>

Meeting ID: 932 7645 0663 Password: icbees2

FIRST SESSION
HALL B

TIME: 09:30-12:30 (Turkey Local Time - GMT+3)

MODERATOR: Assoc. Prof. Dr. Merve Keskin
University of Bilecik Seyh Edebali, Türkiye

1. Title:	Attitudes of Parents Who Prefer to Use Bee Products to Strengthen Children's Immune Systems
Author(s):	<u>Selin İkiz</u> , Merve Keskin, Figen Gürsoy
2. Title:	Perga (Bee Bread) for Eco-Friendly Silver Nanoparticles
Author(s):	<u>Merve Keskin</u> , Şaban Keskin
3. Title:	Physicochemical profile as an alternative tool for floral origins evaluation
Author(s):	<u>Krišs Dāvids Labsvārds</u> , Agnese Brangule, Vita Rudovica, Māris Bērtiņš, Ingus Skadiņš, Lauma Buša, Inese Eglīte, Arturs Vīksna
4. Title:	Honeybee's immunological response to microplastic ingestion
Author(s):	<u>Aneta Ptaczyńska</u> , Patrycja Kuźma
5. Title:	Therapeutic Use of Beehive Products in Veterinary Medicine in Southern Italy
Author(s):	Fabio Castagna, Roberto Bava, Roberta Bellavista, Filippo Vergata, Giuseppe Garcea, Rodolfo Piterà, Clara Naccari, Carmine Lupia, Giancarlo Statti, Domenico Britti, <u>Ernesto Palma</u>
6. Title:	Assessment of honeydew honey from Quercus pyrenaica forests
Author(s):	<u>Kheira M. Mouffok</u> , M ^a Shantal Rodriguez-Flores, Olga Escuredo, M ^a Carmen Seijo, Miguel Vilas-Boas, Soraia I. Falcão
7. Title:	Authentication of Romanian Honey Based on IR and Raman Spectroscopy Analysis
Author(s):	<u>Maria David</u> , Camelia Berghian-Grosan, Dana-Alina Magdas

8. Title:	Honey Authentication through a New Strategy based on 13C-NMR and Machine Learning
Author(s):	<u>Ariana Raluca Hategan</u> , Francois Guyon, Laetitia Gaillard, Dana Alina Magdas
9. Title:	Propolis-Powered Hydrogels: Enhancing Nystatin's Action Against Superficial Candidiasis
Author(s):	<u>Andra-Cristina Enache</u> , Andra-Cristina Bostanaru-Iliescu, Valeria Harabagiu
10. Title:	Intraspecific variations among honey bee hemolymph samples
Author(s):	<u>Salma A. Elfar</u> , Iman M. Bahgat, Mohamed A. Shebl, Mathieu Lihoreau, and Mohamed M. Tawfik
11. Title:	Unlocking the Hive: Navigating Challenges and Opportunities in Smart Beehive Technology
Author(s):	<u>Yasser Yehia Mohamed Ibrahim</u>
12. Title:	Exploring the Chemical Constituents and Nutritive Potential of Bee Drone (Apilarnil): Emphasis on Antioxidant Properties
Author(s):	<u>Aida Abd El-Wahed</u> , Hesham R. El-Seed, Shaden A. M. Khalifa
13. Title:	Spinosad versus Lambda-Cyhalothrin effects to honey bee populations: Insights in a tomato crop cultivated under greenhouse and citrus orchard in Mitidja region (northern Algeria)
Author(s):	<u>Allal Benfekih Leila</u> , Aoudia Billal, Mahmoudi Abdelhaq, Belgherbi Dalila
14. Title:	Importance of the MEDIBEES (PRIMA) project in the conservation of Mediterranean honey bee subspecies
Author(s):	<u>Noureddine Adjlane</u> , Raquel Martín Hernández, Antonio Nanetti, M. Alice Pinto, Mustafa Necati Muz, Nizar Haddad, Chadi Osri, Marion Zammitt Mangion, Ahmad Yousef Daour
15. Title:	Neural network-based model for predicting internal conditions in beehives
Author(s):	<u>M. Carmen Robustillo</u> , Carlos J. Pérez, M. Isabel Parra
16. Title:	Pesticides and Mycotoxins in Bee Pollen: a Contamination Survey
Author(s):	<u>Maria Antonietta Carrera</u> , Amadeo Rodríguez Fernández-Alba, Maria Dolores Hernando

COFFEE BREAK

TIME: 12:30-13:00 (Turkey Local Time - GMT+3)

SECOND SESSION
HALL B
TIME: 13:00-15:30 (Turkey Local Time - GMT+3)
MODERATOR: Assist. Prof. Dr. Łukasz Świątek
Department of Virology with Viral Diagnostics Laboratory,
Faculty of Medicine, Medical University of Lublin, Poland

1. Title:	Acacia Honey-derived Bioactive Compounds Exhibit Induction of p53-dependent Apoptosis in the MCF-7 Human Breast Cancer Cell Line: New Insight
Author(s):	<u>Walid Sabri hamadou</u> , Nouha Bouali, Mejd Snoussi
2. Title:	UHPLC-HRMS Profiling of Polyphenolic Compounds in Bee Products from Romania
Author(s):	<u>Elisabeta-Irina Geană</u> , Corina Teodora Ciucure, Oana Romina Botoran, Roxana Elena Ionete
3. Title:	Antioxidant adventure: Unravelling how raspberry and honeysuckle extracts interact with honey and its deep eutectic features
Author(s):	<u>Luminița Dimitriu</u> , Diana Constantinescu-Aruxandei, Daniel Preda, Andra-Lavinia Nichițean, Cristian-Andi Nicolae, Victor Alexandru Faraon, Marius Ghiurea, Mihaela Ganciarov, Narcisa Elena Băbeanu, Ionuț Moraru, Florin Oancea
4. Title:	Advancements in Understanding honey bee genome function through CRISPR/Cas9 methodology
Author(s):	Rustem A, Ilyasov, Alla Y. Ilyasova, <u>Elizaveta D. Davydova</u>
5. Title:	Cytocompatible and antioxidant selenium-fortified beverage produced by Kombucha fermentation with pollen
Author(s):	<u>Tritean Naomi</u> , Dima Ștefan-Ovidiu, Trică Bogdan, Stoica Rusândica, Ghiurea Marius, Moraru Ionuț, Cimpean Anisoara, Oancea Florin, Constantinescu-Aruxandei Diana
6. Title:	Virus Carriage and Productivity of Bee Cologies
Author(s):	<u>A. V. Korolev</u> , Z. G. Kokaeva
7. Title:	Enhancing Nutritional Value and Flavor Profile: Microaerophilic Fermentation of Bee Pollen for a Novel Functional Beverage
Author(s):	<u>Andreea Ecaterina Constantin</u> , Naomi Tritean, Florentina Matei, Nikolaos Trivyzas, Diana Constantinescu-Aruxandei, Florin Oancea
8. Title:	Apitherapy as an Integrated Approach to the Support of Autistic Children
Author(s):	<u>Natalia Sorokova</u>
9. Title:	Prevalence of Viruses in Palestinian Honey Bee Colonies
Author(s):	<u>Mohammad Alqurneh</u> , Lena Bauer, Abdul-Jalil Hamdan, Islam Nairoukh, Hans-Hinrich Kaatz
10. Title:	Palynology Analyses, Biochemical Profiling, and the Modulatory Effects of Nigerian Bitter Honey on Interleukin-6 Trans/Classic Signaling and NLRP3 Inflammasome In Coronavirus Disease: A Network Pharmacology Mechanistic Study
Author(s):	<u>Bayo Olufunso Adeoye</u> , Peculiar Oseyi Ehimhen, Iyanuoluwa Oluwadunsin Adebayo
11. Title:	Potential Anti-inflammatory Activity of Seasonal Sonoran Propolis Extracts and Some of Their Main Constituents
Author(s):	<u>Mayra Mendez-Encinas</u> , Dora Valencia, Elizabeth Carvajal-Millan, Jesús Ortega-García, Pablo Mendez-Pfeiffer, Efrain Alday, Adriana Garibay-Escobar, Carlos Velazquez
12. Title:	Oncological apitherapy cases in exotic veterinary medicine
Author(s):	<u>Jörg Mayer</u>
13. Title:	Current challenges in beekeeping: smart apiary management
Author(s):	<u>Ana Diéguez-Antón</u> , M Shantal Rodríguez-Flores, Ester Ordoñez, Laura Meno, Olga Escuredo, M Carmen Seijo
14. Title:	Effect of Melipona solany honey on mango fruit development México
Author(s):	<u>Víctor Jesús Albores Flores</u>

26. APRIL 2024 / FRIDAY
JOIN ZOOM MEETING
HALL A

<https://zoom.us/j/98063474161?pwd=RU9jUExnTllzLzU3NzFnENiQko3Zz09>

Meeting ID: 980 6347 4161 Password: icbees

ORAL PRESENTATION
FIRST SESSION

TIME: 09:00-11:00 (Turkey Local Time - GMT+3)

MODERATORS:

Prof. Dr. Vikas Nanda, Sant Longowal Institute of Engineering and Technology, India.

Assist. Prof. Dr. Fatih Ramazan İstanbullugil, Kyrgyz-Turkish Manas University, Kyrgyzstan

1. Title:	Profiling of the endogenous phenolic contents of honey from different geographical origins in Türkiye by LC-MS/MS
Author(s):	<u>Nilgün Paksoy</u> , Hisamettin Durmaz, Serap Kılıç Altun, Mehmet Emin Aydemir
2. Title:	Palynological Varieties Among Bee Breads Produced By Four Different Bee Races
Author(s):	<u>Gülşah Yıl</u> , Semiramis Karlıdağ
3. Title:	Melissopalynological investigation of Sinop honeys
Author(s):	<u>Oktay Bıyıklıoğlu</u> , Serhat Karabıçak, Şeymanur Aktaş, Derya Keleşoğlu, Hülya Özler, Talip Çeter
4. Title:	Melissopalynological Analysis of Honey from Kurşunlu-Çankırı (Türkiye)
Author(s):	<u>Serhat Karabıçak</u> , Oktay Bıyıklıoğlu, Derya Keleş, Kudret Betül Güney, Şeymanur Aktaş, Talip Çeter
5. Title:	Bioaccessibility and Bioavailability of Bee Pollen Bioactives
Author(s):	<u>Müzeyyen Berkel Kaşıkçı</u>
6. Title:	The Role of Varroa Mites in the Transmission of Deformed Wing Virus
Author(s):	<u>Murat Şevik</u>
7. Title:	Investigation of Propolis Produced in Kastamonu Province in terms of Bioactivity
Author(s):	<u>Şeymanur Aktaş</u> , Oktay Bıyıklıoğlu, Serhat Karabıçak, Derya Keleşoğlu, Talip Çeter
8. Title:	Emergent and Known Honey Bee Pathogens through Passive Surveillance in the Republic of Kosovo
Author(s):	<u>Beqë Hula</u> , Anna Granato, Fulvio Bordin, Izedin Goga, Xhavit Merovci, Mauro Caldon, Armend Cana, Laura Zulian, Rosa Colamonico, Franco Mutinelli
9. Title:	Comparison of different techniques used to evaluate the varroacidal efficacy of essential oils in honeybees (<i>Apis mellifera</i>)
Author(s):	<u>Roberto Bava</u> , Fabio Castagna, Giancarlo Statti, Carmine Lupia, Mariangela Marrelli, Clara Naccari, Domenico Britti, Ernesto Palma
10. Title:	Study and Exploitation of Brassicales Species Attracting Honeybees and Other Pollinators for Providing and Enhancing Ecological Services in Agriculture
Author(s):	<u>Manuela Bagatta</u> , Matteo Carloni, Luisa Ugolini, Eleonora Pagnotta, Gherardo Bogo, Laura Bortolotti, Nicola Pecchioni
11. Title:	Challenges and prospects of precision beekeeping
Author(s):	<u>Awad Hassan</u>
12. Title:	Comparison of the quality of honey from beekeepers and the local market in Slovakia
Author(s):	<u>Kristína Kukurová</u> , Zuzana Ciesarová, Zuzana Dubová, Blanka Tobolková, Janka Kubincová

COFFEE BREAK

TIME: 11:00-11:30 (Turkey Local Time - GMT+3)

SECOND SESSION

HALL A

TIME: 11:30-14:00 (Turkey Local Time - GMT+3)

**MODERATOR: Assist. Prof. Dr. Anna Kurek-Górecka, Medical University of Silesia in
Katowice, Poland**

Prof. Dr. Ardo Sabir

Universitas Hasanuddin, Indonesia

**The immunohistochemical study of Interleukin 1-beta in inflamed rat dental pulp
following propolis application**

Prof. Dr. Cleofas Cervancia

University of the Philippines Los Banos, Philippines

Buzzing Diversity: Assessing and Conserving Pollinator Diversity in Asia

Dr. Wim Reybroeck (Senior Researcher)

ILVO, Belgium

**Efficacy of frequent use of oxalic acid on beehive mortality and effects on honey
quality.**

Dr. Vicente Martínez López

University of Murcia, Spain

**Pathogen dynamics in plant-pollinator networks under variable levels of
anthropogenic disturbance**

Dr. Sandra Jakšić

Scientific Veterinary Institute „Novi Sad“, Serbia

**Scientific, analytical and economic challenges in improving the quality and
safety of honey**

LUNCH

TIME: 14:00-14:30 (Turkey Local Time - GMT+3)

THIRD SESSION

HALL A

TIME: 14:30-17:00 (Turkey Local Time - GMT+3)

MODERATOR: Dr. Sandra Jakšić

Scientific Veterinary Institute „Novi Sad“, Serbia

Prof. Dr. Rustem Ilyasov

Russian Academy of Sciences, Russia

**Emergence and potential spread of Varroa underwoodi: implications for bee health
and honey production**

Assoc. Prof. Dr. Meral Kekeçoğlu

Düzce University, Beekeeping Research,

Development and Application Center, Türkiye

**Neuroprotective Effect of Honeybee Venom on the α -syn/Nf- κ B/NLRP3 Signalling
Pathway in Mice with Experimental Parkinson's Disease**

Assoc. Prof. Dr. Mahir Murat Cengiz

Atatürk University, Türkiye

**Understanding the Factors Influencing the Reproductive Health of Honey Bee (*Apis
mellifera*) Drones**

Prof. Dr. Sibel Silici

Erciyes University, Türkiye

Honeybee products in neurodevelopmental disorders

Assist. Prof. Dr. Łukasz Świątek

**Department of Virology with Viral Diagnostics Laboratory,
Faculty of Medicine, Medical University of Lublin, Poland**

Bee products against emerging viruses

COFFEE BREAK

TIME: 17:00-17:20 (Turkey Local Time - GMT+3)

FOURTH SESSION

HALL A

TIME: 17:20-19:50 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Salah Akkal
University of Mentouri Constantine, Algeria

Jelena Ćirić, DVM, Ph.D.
Institute of Meat Hygiene and Technology, Serbia
Propolis- indicator of environmental deposition of elements.

Assist. Prof. Dr. Ahmad Ali
Department of Life Sciences,
University of Mumbai Mumbai, India
Bee products in the management of female reproductive health issues

Assoc. Prof. Dr. Kai Wang
Chinese Academy of Agricultural Sciences, Institute of Apicultural Research

Prof. Dr. Ticiano Gomes do Nascimento
Universidade Federal de Alagoas – UFAL, Brazil
Seasonal study of Brown Propolis from Quilombos Region in Alagoas- Brazil: Botanical
Origin and Identification of Phenolic Markers

Prof. Dr. Elia Ramírez-Arriaga
Universidad Nacional Autónoma, Mexico
Pollen spectrum recovered from Apis mellifera propolis in the coastal region of
Oaxaca, Mexico

CLOSING CEREMONY

TIME: 20:30 (Turkey Local Time - GMT+3)

POSTER PRESENTATIONS

You can reach poster presentations during congress time under mentioned web page

<https://www.beeandlifecongress.com/documents/>

Username:icbh Passcode: Poster2023

All corresponding authors must be available above mentioned time in zoom meeting for answers and questions by chat of zoom.

1. Title:	Fatty Acids and Peptides Profile of Bee-collected Pollen Predominantly Originated from Aster sp.
Author(s):	<u>Aleksandar Ž. Kostić</u> , Danijel D. Milinčić, Bojana Špirović Trifunović, Nebojša Nedić, Slađana P. Stanojević, Mirjana B. Pešić
2. Title:	Biofilms of stingless bee propolis on Citrus aurantifolia fruits for quality conservation
Author(s):	<u>José Alfonso López-García</u> , Julieta Grajales-Conesa , Jennifer Montenegro-Morales, Víctor Jesús Albores Flores
3. Title:	Some Important Lamiaceae Taxa For Beekeeping In Adıyaman (Türkiye)
Author(s):	<u>Ömer Kılıç</u> , Talip Şahin, Muhammad Zafar, Mushtaq Ahmad, Shazia Sultana
4. Title:	Benefits of Using Essential Oils in Supplementary Food to Bee Colonies
Author(s):	<u>Lazăr Roxana Nicoleta</u> , Pătruică Silvia
5. Title:	Fauna of Rose Gall Wasps (Hymenoptera: Diplolepididae) of Aydın (Türkiye)
Author(s):	<u>Musa Tataroğlu</u>
6. Title:	Honeycomb moth phenol oxidase and lysozyme activity response to microplastic feeding
Author(s):	<u>Aneta A. Ptasińska</u> , Patrycja Kuźma
7. Title:	Antioxidant Activity of Stingless Bees (melipona beecheii) Honey Extracts from Veracruz
Author(s):	Marycarmen Cortes-Hernández, <u>Gabriela Medina-Pérez</u> , Cesar Uriel López-Palestina, Lorena Luna Rodríguez, Irma Morales-Rodriguez
8. Title:	Global Threat of Potential and/or Invasive to Honeybees (Apis spp.): Hornets (Hymenoptera: Vespidae: Vespa spp.)
Author(s):	<u>Gökhan Eren</u>
9. Title:	Haplotypes of tRNA ^{Leu} -COII locus in Russian Apis mellifera populations
Author(s):	<u>Milyausha Kaskinova</u>
10. Title:	Assessment of the adaptive effect of Bacillus licheniphormis in conditions of immunodeficiency of Apis mellifera
Author(s):	<u>Gaifullina L.R.</u> , Kaskinova M.D., Saltykova E.S., Baitullin R.R.

11. Title:	Emergency Approaches in Cases of Honey Bee (<i>Apis</i> spp.) Attack
Author(s):	<u>Buşra Eren</u>
12. Title:	Minibrain, The Homologue of the Vertebrate DYRK1A Gene, Regulates The Adult Brain Differential Development in Honeybee (<i>Apis mellifera</i>) Castes #
Author(s):	<u>Juliana Ramos Martins</u> , Izabella Cristina Silva, Talita Sarah Mazzoni, Gabriela Helena de Barrios, Flávia Cristina de Paula Freitas, Angel Roberto Barchuk
13. Title:	The possibility of producing a powdered food biopreservative from propolis extract by spray drying method
Author(s):	<u>Michał Miłek</u> , Ewelina Sidor, Małgorzata Dżugan
14. Title:	Evaluating Beekeeping Activity and Challenges in Algeria: A Contribution to the MEDIBEES Project
Author(s):	<u>Haider Yamina</u> , Adjlane Nouredine, Martin-Hernande Raquel, Haddad Nizar
15. Title:	Contribution of Baccharis (Asteraceae) in the chemical composition of brown propolis from the Quilombos Region in Alagoas, Brazil
Author(s):	<u>Jônatas Oliveira Costa</u> , João Victor Lessa de Oliveira, Arthur Luy Tavares Ferreira Borges, Emanuel Guilhermino da Silva Júnior, Flávia Barros de Prado Moura, Ana Paula do Nascimento Prata, Ticiano Gomes do Nascimento
16. Title:	Bee forage plants of Arabia
Author(s):	<u>Abdulraouf M. Amro</u>
17. Title:	Flavonoids contents and anticancer effect of Algerian propolis
Author(s):	<u>Amina Daikh</u> , Farid Nasirli, Sevki Arslan, Dogukan Mutlu, Nazime Mercan Dogan, Narimane Segueni
18. Title:	Investigation Into Algerian Beekeeper's Awareness Of The Danger of Pesticides For Bee Populations.
Author(s):	<u>Belgherbi Dalila</u> , Allal Benfekih Leila
19. Title:	CHROMATOGRAPHIC PROFILE, ISOLATION, PURIFICATION AND CHARACTERIZATION OF TWO FLAVONOIDS OF BROWN PROPOLIS FROM QUILOMBOS REGION, ALAGOAS, BRAZIL
Author(s):	<u>João Victor Lessa de Oliveira</u> , Emanuel Guilhermino da Silva Júnior, Arthur L. Tavares Ferreira Borges, Jônatas Oliveira Costa, Ana Paula do Nascimento Prata, Alexandre Carmo Crispim, Vanderson Bernado Barbosa, José Rui Machado Reys, Éurica Adélia Nogueira Ribeiro, Edmilson Rodrigues da Rocha Junior, Edson de Souza Bento, Thiago M. de Aquino, Johnnatan D. Freitas, Isabel C. C. de Moraes Porto, Ticiano Gomes do Nascimento
20. Title:	Perspectives from Four Decades of Melissopalynology Studies in Brazilian Mangroves
Author(s):	<u>Cynthia Fernandes Pinto da Luz</u> , Ortrud Monika Barth

21. Title:	The unique pro-healthy value of coniferous honeydew honey related to its chemical composition
Author(s):	<u>Małgorzata Dżugan</u> , Ewa Ciszkowicz, Monika Tomczyk, Aleksandra Bocian, Michał Mitek
22. Title:	Feeding Apis mellifera Larvae With Saccharomyces cerevisiae From The Brewing Industry Improves Their Resistance To Paenibacillus larvae And Their Primary Antioxidant Enzymatic Activity
Author(s):	<u>María de la Paz Moliné</u> , Paloma Moran Giardini, Enzo Domínguez, Silvina Quintana, María Magdalena Vázquez, Virginia D'Arcangelo, Natalia Fernández, Natalia Damiani, Liesel Gende
23. Title:	Key odorants of Slovakian fir honeydew honey revealed by gas chromatography-olfactometry
Author(s):	<u>Mária Kopuncová</u> , Jana Sádecká, Kristína Kukurová
24. Title:	Immune responsiveness of summer and winter honey bees during ageing
Author(s):	<u>Tatjana Čelić</u> , Jelena Spremo, Srđana Đorđievski, Ivan Pihler, Jelena Purać, Danijela Kojić, Elvira Vukašinović
25. Title:	"The unique nectar of Kirgizistan: Akbal"
Author(s):	<u>Düşöbayeva Ayturgan</u> , Abdımanap Uulu Nur, Cumagulov İshak, İstanbullugil Fatih Ramazan, Acaröz Ulaş, Acaröz-Arslan Damla, Sahin Mitat
26. Title:	Effects of Sunlight Exposure on Rheological Properties of Honey
Author(s):	<u>Beata Szulc-Musioł</u> , Beata Sarecka-Hujar
27. Title:	Polyphenols Quantification by HPLC In Propolis Encapsulated in Different Matrices
Author(s):	Yanet Irigoiti, <u>Karim Yamul</u> , Virginia Salomón, Luis Maldonado, Alba Navarro
28. Title:	Unveiling the Protective Role of Indian Propolis in Diabetic Wound Healing through Network Pharmacology and Molecular Docking Analysis
Author(s):	<u>Sandeep Sankaran</u> , Rohini Kulkarni, Sathiyarayanan Lohidasan
29. Title:	The species composition of honeybees in Bashkortostan's northern forest-steppe zone
Author(s):	<u>Aigul Sattarova</u> , Elena Saltykova, Marat Giniyatullin, Aglyam Sharipov, Ruslan Kaipkulov, Revner Baitullin
30. Title:	Spectral characteristics for discrimination of Serbian honeys
Author(s):	<u>Blanka Tobolková</u>
31. Title:	Distinguishing between floral and honeydew honey based on the content of melezitose
Author(s):	<u>Janka Kubincová</u> , Jaroslav Blaško, Michal Fulín, Kristína Kukurov, Marcela Blažková
32. Title:	Analysis Of Food Consumption And Survival Of Honey Bees Fed With Craft Brewer's Yeast
Author(s):	<u>Paloma Moran Giardini</u> , Enzo Domínguez, María de la Paz Moliné, Silvina Quintana, Virginia D'Arcangelo, Natalia Damiani, Liesel Gende
33. Title:	Survival Rate in Larvae (Apis mellifera L.) Additively Fed

	With <i>Pleurotus ostreatus</i>
Author(s):	<u>Virginia D'Arcangelo</u> , María de la Paz Moliné, Paloma Moran Giardini, Enzo Domínguez, Natalia Damiani, Silvina Quintana , Noelia Paredes, Liesel Gende
34. Title:	Quality Assessment of Honey with Regards to 5-Hydroxymethylfurfural and Moisture Content Analysis in São Paulo State Program
Author(s):	<u>Cristiane Bonaldi Cano</u> , Juliana Martins Ferreira, Mahyara Markievicz Mancio KusYamashita, Cynthia Fernandes Pinto da Luz
35. Title:	Biochemical and Nutritional Characteristics of Tunisian Bee Pollen
Author(s):	<u>Asma Sakhaoui</u> , Volkan Aylanc, Shantal Rodriguez-Flores, Carmen Seijo, Mondher Mejri, Miguel Vilas-Boas, Soraia I. Falcão
36. Title:	A validated UPLC-DAD method for the analysis of isoflavonoids in red propolis from Alagoas-Brazil
Author(s):	<u>Kathlyen Vitória Ferreira dos Santos</u> , Salvana Priscylla Manso Costa, Arthur Luy Tavares Ferreira Borge, João Victor Lessa de Oliveira, Ruane de Oliveira Santos, Kaena Kivia de Moura Rocha, Kamily Gyovana Gomes Ferreira, Gustavo dos Santos Melo, Idalina Vitória da Silva, Jaciane Celestino da Silva, Luisy Maria Santiago Lessa Luz, Ana Cláudia Nascimento Sobreira, Ticiano Gomes do Nascimento
37. Title:	Impact of Honey as a Natural Plasticizer on Cassava Starch Suspensions Used for Coating Matrices
Author(s):	<u>Nancy Fernández</u> , Karim Yamul, Alba Navarro
38. Title:	Antioxidant, Antibacterial and Antiviral Properties of Polish Honeydew Honey in Comparison with Manuka Honey
Author(s):	<u>Dorota Grabek-Lejko</u> , Małgorzata Dżugan, Michał Miłek
39. Title:	Evaluation of antioxidative capacity in winter honey bees during ageing
Author(s):	<u>Jelena Spremo</u> , Tatjana Čelić, Srđana Đorđievski, Ivan Pihler, Jelena Purać, Danijela Kojić, Elvira Vukašinović
40. Title:	Effects of Honey on Intestinal Microbiota: Current Perspective
Author(s):	<u>Rabia Melda Karaağaç</u> , Çağla Pınarlı Falakacılar, Indrani Kalkan
41. Title:	Effectiveness of Essential Oils Combinations for Control of Varroa Destructor
Author(s):	<u>Delka Salkova</u> , Kalinka Gurgulova, Vera Popova
42. Title:	Toxicity and irritation potential of bee venoms collected from honeybee ecotypes from Türkiye and Cyprus
Author(s):	<u>Mehmet Ozbay</u> , Ekin Varol, Banu Yücel, Ayşe Nalbantsoy, N.Ülkü Karabay Yavaşoğlu
43. Title:	Hemispherical directional reflectance of selected types of honey stored under UV radiation: preliminary results

Author(s):	<u>Beata Sarecka-Hujar</u> , Beata Szulc-Musioł
44. Title:	The Bortevik - bear relationship in the conditions of on-board beekeeping
Author(s):	<u>Aglyam Sharipov</u>
45. Title:	Therapeutic Effects of Bee Venom
Author(s):	Kerem Derin, <u>Semi Sertaç Bağırsakçı</u> , Ender Yarsan
46. Title:	The composition of carbohydrates in honey. Does it change during storage?
Author(s):	<u>Zuzana Dubová</u> , Stanislaw Kowalski, Kristína Kukurová
47. Title:	Quality characteristics of honeydew honey from Slovakia with a protected designation of origin
Author(s):	<u>Zuzana Ciesarová</u> , Kristína Kukurová, Zuzana Dubová, Jana Minarovičová
48. Title:	Pollen from argentinian meadows: colour characterisation and FTIR analysis
Author(s):	Gildardo Moreno Galvis, Karim Yamul, <u>Alba Navarro</u>
49. Title:	Bee-gathered pollen exhibit anti-inflammatory activity in TNF-a inflamed A549 lung epithelial cells
Author(s):	<u>Andrea Cavallero</u> , Francesca Vidotto, Carmen Lamacchia, Morena Gabriele
50. Title:	Social Participation In The Production Of Mellifera Bee Honey In Communities Of Tamaulipas
Author(s):	<u>Rodolfo Torres de los Santos</u> , Liliana Guadalupe Alanis Maldonado, Jovani Ruíz Toledo, G. Lorena Navarro Álvarez, Hermilo Lucio Castillo, Ma. Guadalupe Bustos Vázquez, José Reyes-Hernández, R. Ivonne Torres-Acosta, Carlos Gerardo Méndez
51. Title:	Maternal ancestry of honey bees on São Miguel-Azores (Portugal)
Author(s):	<u>Maíra Costa</u> , Ana R. Lope, Mónica Doblas-Bajo, Andreia Quaresma, Diogo Barreira, Dora Henriques, M. Alice Pinto
52. Title:	Comparative Analysis of DNA Extraction Methods for Individual Varroa destructor
Author(s):	<u>Maíra Costa</u> , Ana R. Lopes, Carlos Ariel Yadró Garcia, Nathalia Vitrio, Telma Gonçalves, M. Alice Pinto, Dora Henriques
53. Title:	Determination of flavonoids e cinnamic acid derivatives in Brown Propolis from Quilombos Region, Alagoas, Brazil #
Author(s):	<u>Emanoel Guilhermino da Silva Júnior</u> , João Victor Lessa de Oliveira, Arthur L. Tavares Ferreira Borges, Erisson Lima Silva, Jônatas Costa Silva, Sâmia Andrícia Souza Silva, José Rui Machado Reys, Êurica Adélia Nogueira Ribeiro, Isabel C. C. de Moraes Porto, Ana Paula do Nascimento Prata, Ticiano Gomes do Nascimento
54. Title:	Energy Supplementation In Apis mellifera Bees: Evaluation Of Food Preference And Longevity

Author(s):	<u>Jaíne Xavier</u> , Aline Astolfi, Iloran do Rosário Corrêa Moreira, Guilherme Duarte Figueiredo de Souza, Ricardo de Oliveira Orsi
55. Title:	The Effects of Artificial Diets on the Honey Bee Body Development in Early Spring#
Author(s):	<u>Olga Frunze</u> , Hyunjee Kim, Jeong-Hyeon Lee, Hyung-Wook Kwon
56. Title:	Comparative Study of the Effect of Artificial Diets on Honey Bees during Early Spring#
Author(s):	<u>Hyunjee Kim</u> , Olga Frunze, Jeong-Hyeon Lee, Hyung-Wook Kwon
57. Title:	The use of bee products for therapeutic purposes
Author(s):	<u>Kirtay Sezer</u> , Cunuşova Ayday, Aytımırza Kızı Ayperi, İstanbullugal Fatih Ramazan, Acaröz Ulaş, Acaröz-Arslan Damla, Kumandaş Ali, Sahin Mitat
58. Title:	Phytochemical investigation of phenolic constituents and in vitro evaluation of antioxidant activity of five Algerian propolis
Author(s):	Bouaroura Amina , Ramazan Erenler ,Bensouici Chawki, Segueni Narimane

Questions for Poster Presentations

TIME: 25 April Turkey Local Time 13:50-14:10 (GMT+3)