

CONGRESS PROGRAM SCHEDULE




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International Congress on Bee Sciences

**International
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Sciences**

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16-17-18
June
2022

    



16. JUNE 2022 / THURSDAY

JOIN ZOOM MEETING

Meeting ID885 6869 0255

Passcode 220616

<https://us02web.zoom.us/j/88568690255?pwd=MThHSnpuOVdsK0JROGhYTnV4VjZ6Zz09>

OPENING SPEECHES

10:30-11:00 (Turkey Local Time, GMT +3)

Assoc. Prof. Dr. Ulaş Acaröz Congress Chair, Afyon Kocatepe University, Turkey
Prof. Dr. Turan Civelek, Dean of Veterinary Faculty Afyon Kocatepe University, Turkey
Prof. Dr. Erinda Lika, Vice-Rector of Agricultural University of Tirana, Albania
Prof. Dr. Mehmet Emin Erkan, Rector of Şırnak University, Turkey
Prof. Dr. Tamer Dodurka, Rector of Istanbul Rumeli University, Turkey
Prof. Dr. Talat Naseer Pasha, Rector of University of Education Lahore, Pakistan

FIRST SESSION

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

MODERATOR: Dr. Otilia Bobiş (Senior researcher)

Prof. Dr. Maria Graça Campos

University of Coimbra, Portugal
Therapeutic potential of pollen

Prof. Dr. Ofélia Anjos

Polytechnic Institute of Castelo Branco, Portugal
Bee pollen as a healthy food and food ingredient

Prof. Dr. Sibel Silici

Erciyes University, Turkey
Functional effect of royal jelly and apilarnil on reproductive health

Prof. Dr. Mircea Oroian

Stefan cel Mare University of Suceava, USV, Romania
FT-IR spectroscopy, a promising tool for honey adulteration detection and prediction of physicochemical parameters

Assoc. Prof. Dr. Meral Kekeçoğlu

Düzce University, Beekeeping Research, Development and Application Center, Turkey
Is the honeybee venom an effective agent against cancer?

Dr. Giovanni Cilia

CREA Research Centre for Agriculture and Environment, Italy
Use of honey bee (*Apis mellifera*) as a bioindicator for human, animals and plant diseases

Assoc. Prof. Dr. Narimane Segueni

University Salah Boubnider, Algeria
Pharmacological properties, chemical composition and potential applications of Algerian propolis

LUNCH

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

SECOND SESSION

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

MODERATOR: Prof. Dr. Ales Gregorc, University of Maribor, Slovenia

Assoc. Prof. Dr. Dimitris Mossialos

University of Thessaly, Greece

Antimicrobial activity of bee products produced in Greece: the case of pine honey and bee bread (perga)

Prof. Dr. Sibel Silici

Erciyes University, Turkey

Newly discovered probiotic product: Perga

Assoc. Prof. Dr. Aleksandar Ž. Kostić

University of Belgrade, Serbia

Functional food properties- can bee pollen helps us?

Dr. Otilia Bobiş (Senior researcher)

USAMV Cluj-Napoca, Romania

Romanian propolis: past, present, and future directions. How geographical and botanical origin influence the chemical composition and bioactive properties

Prof. Dr. Pilar De la Rúa

University of Murcia, Spain

Conserving honey bee diversity on islands: the case of the Canary Islands

Prof. Dr. Patricia Vit

Universidad de Los Andes, Venezuela

Metabolomics applications in bee science: a suspected *Starmerella yeast* association with the stingless bee *Scaptotrigona vitorum engel*, 2022

COFFEE BREAK

17:15-17:30 (Turkey Local Time - GMT+3)

THIRD SESSION

TIME: 17:30-19:15 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Ofélia Anjos, Polytechnic Institute of Castelo Branco, Portugal

1. Title:	Portuguese propolis and apple post-harvest diseases: new perspectives
Author(s):	<u>Leonor Pereira</u> , Cristina Almeida Aguiar, Ana Cunha
2. Title:	Ability of probiotic candidates for honeybees (<i>Apis mellifera</i> L.) to detoxify coumaphos – an in vitro study
Author(s):	<u>Adriana Nowak</u> , Aleksandra Leska, Justyna Rosicka-Kaczmarek, Karolina Miśkiewicz
3. Title:	Addressing modern challenges for bees through a novel mobile app
Author(s):	<u>Eugen Puzynin</u> , Heinrich Mellmann, Verena V. Hafner
4. Title:	Isolation of extremophilic yeasts associated with native bees for application in biotechnology and space exploration
Author(s):	<u>Ana Carolina Souza Ramos de Carvalho</u> , Fernanda Assumpção Costa
5. Title:	Anticancer and antiviral potential of propolis originating from Canada and Georgia
Author(s):	<u>Łukasz Świątek</u> , Inga Wasilewska, Jarosław Widelski, Anastazja Boguszewska, Barbara Rajtar, Tomasz Mroczek, Małgorzata Polz-Dacewicz
6. Title:	The biological value of honey from natural park of Montesinho
Author(s):	<u>Sónia Soares</u> , Manuela Moreira, Olena Dorosh, Maria João Ramalhosa, Francisca Rodrigues, Cristina Delerue-Matos
7. Title:	Comb age significantly influences cell measurements and worker body size
Author(s):	<u>EL-Kazafy A. Taha</u> , Saad N. Al-Kahtani
8. Title:	Influence of nosemosis and beekeeping conditions on selected parameters of the immune system in a honeybee
Author(s):	<u>Magdalena Kunat</u> , Jakub Kordaczuk, Aneta A. Ptaszyńska



17. JUNE 2022 / FRIDAY

JOIN ZOOM MEETING

Meeting ID868 7060 8419

Passcode 220617

<https://us02web.zoom.us/j/86870608419?pwd=aVlnVUI3OXVnc1FnS0NvNmV5Zz09>

FIRST SESSION

TIME: 09:00-10:20 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Vasfi Gencer, Ankara University, Turkey

1. Title:	Pollen morphology of <i>Rhynchocorys kurdica</i> Nab. (Orobanchaceae) in Turkey
Author(s):	<u>Azize Demirpolat</u> , Pelin Yılmaz Sancar, Murat Kürsat, Semsettin Civelek, Sevda Kırbağ
2. Title:	DPPH radical scavenging activity of drone larvae (Apilarnil)
Author(s):	Ebubekir İzol, <u>Mehmet İlkaya</u> , Hakan İnci, Zeynebe Bingöl, İlhami Gülçin
3. Title:	Thermal stability of phenolic compounds in breads enriched with bee pollen and bee bread
Author(s):	<u>Seymanur Ertosun</u> , Soraia I. Falcão, Miguel Vilas-Boas
4. Title:	Determination of chemical content of Bingöl royal jelly by LC-MS/MS
Author(s):	Cüneyt Çağlayan, Rahime Erzincan, <u>Ebubekir İzol</u> , Fatih Mehmet Kandemir, Mustafa İleritürk, Cihan Gür
5. Title:	Biosynthesis of honey-mediated zno nanoparticles and investigation of their in vitro cytotoxicity for dermocosmetic applications
Author(s):	<u>Ogün Bozkaya</u> , Esra Arat, Yaşar Şahin
6. Title:	Identification of the entomological origin of European honey by high resolution melting analysis of a COI mini-barcode
Author(s):	<u>Mónica Honrado</u> , Ana R. Lopes, M. Alice Pinto, Joana S. Amaral
7. Title:	<i>Show me the honey</i> : melitourism potential of Bali, Indonesia and bicol, Philippines
Author(s):	<u>Amelia R. Nicolas</u> , Hanilyn A. Hidalgo, Mia Bella R. Fresnido, I Gede Pasek Mangku, I Gusti Bagus Udayana
8. Title:	Identification of the entomological origin of European honey by high resolution melting analysis of a COI mini-barcode
Author(s):	<u>Mónica Honrado</u> , Ana R. Lopes, M. Alice Pinto, Joana S. Amaral



SECOND SESSION

TIME: 10:30-13:30 (Turkey Local Time - GMT+3)

MODERATOR: Prof. Dr. Paweł Olczyk, Medical University of Silesia in Katowice, Polish Academy of Sciences, Poland

Prof. Dr. Sevgi Kolaylı

Karadeniz Technical University, Turkey
Biochemical and Physicochemical Properties of Turkish Forest honeys

Dr. Wim Reybroeck (Senior Researcher)

ILVO, Belgium
Belgian Action limits for pesticides in beeswax to protect bee health

Assist Prof. Dr. Kresimir Matanovic

University of Zagreb, Croatia
Integrated management of varroosis in European honey bee (*Apis mellifera*)

Dr. Anne BONJOUR-DALMON

INRAE, France
Interactions of honey bee viruses with other stressors

Prof. Dr. Hesham R. El-Seedi

Uppsala University, Sweden
Bees; small insects and big promises in pollination, food supply and medical innovation

Prof. Dr. Dharam P Abrol

Sher-e-Kashmir University of Agricultural Sciences & Technology, India.
Pollination of fruit crops-challenges and opportunities

Assist. Prof. Dr. Ali Timuçin Atayoğlu

President of the International Federation of Apitherapy, Istanbul Medipol University, Turkey
Antioxidant potential in Apitherapy

LUNCH

TIME: 13:30-14:15 (Turkey Local Time - GMT+3)



THIRD SESSION

TIME: 14:15-17:15 (Turkey Local Time - GMT+3)

MODERATOR: Dr. Franco Mutinelli, National Reference Center for Beekeeping, Legnaro, Italy

Prof. Dr. Badiaa Lyoussi

Mohamed Ben Abdellah, Fez, Morocco

" Physico chemical and biological functionalities of bee products "

An approach that warrant clinical investigations

Dr. Norhasnida Zawawi

Universiti Putra Malaysia, Malaysia

Unique Kelulut Factor? - A review of potential nutritional parameters for grading stingless bee honey.

Dr. Anna Kurek-Górecka

Medical University of Silesia in Katowice, Poland

Propolis as cariostatic agent and connection between oral cavity health and systemic diseases.

Prof. Dr. Ticiano Gomes do Nascimento

Universidade Federal de Alagoas – UFAL, Brazil

Geographical Indication of Brazilian red propolis and the value chain and Bio-Economy (Beekeeping Economy) for the State of Alagoas-Brazil

Assoc. Prof. Dr. Mahir Murat Cengiz

Atatürk University, Turkey

Quality criteria in queens reared by commercial queens enterprises and their importance for Turkish beekeeping.

Dr. Ahmad Ali

Department of Life Sciences University of Mumbai Mumbai, India

Antiglycating and Antiaggregating properties of natural products from Honey

COFFEE BREAK

TIME: 17:15-17:30 (Turkey Local Time - GMT+3)



FOURTH SESSION

TIME: 17:30-19:15 (Turkey Local Time - GMT+3)

MODERATOR: Assoc. Prof. Dr. Dimitris Mossialos, University of Thessaly, Greece

1. Title:	The new animal health law of the Eu and its implications of honey bees and bumblebees
Author(s):	<u>Franco Mutinelli</u>
2. Title:	Physico-chemical characterization of <i>Quercus pyrenaica</i> honeydew honey
Author(s):	<u>Rania Slama</u> , Kheira M. Mouffok, Andreia Tomás, Soraia I. Falcão, Miguel Vilas-Boas
3. Title:	Bee microbiome: Insight into host- microbe evolution and bee health
Author(s):	<u>Priya Sundrrajan</u>
4. Title:	Comparison of tetragona clavipes (apidae, meliponini) honey from different regions of Brazil
Author(s):	<u>Mayara Faleiros Quevedo</u> , Tiago Maurício Franco
5. Title:	Bees and bee products-bio-indicators of environmental pollution
Author(s):	<u>Geană Elisabeta-Irina</u> , Ciucure Corina Teodora
6. Title:	Stingless bee honey: potential tool in the floral induction of Mango
Author(s):	<u>Albores-Flores, Victor Jesús</u> ; Pérez-Santos, Grisel, López-García, José Alfonso, Torres de los Santos, Rodolfo, Grajales-Conesa, Julieta, Cordova Albores, Liliana Carolina, Marycarmen Utrilla Vázquez
7. Title:	Effects of probiotics on honeybee diseases and bee products
Author(s):	Hasan Hüseyin Ünal
8. Title:	Establishing standards to strength the international trade of bee products
Author(s):	<u>Miguel Vilas-Boas</u> , Ofélia Anjos, Maria G. Campos, Paulo Russo-Almeida, Soraia I. Falcão
9. Title:	First Record of Chemical Content, Antimicrobial and Antioxidant Activity of Queen Bee and Drone Larvae of Yiğilca Honey Bee Ecotype
Author(s):	<u>Emine Sönmez</u> , Meral Kekeçoğlu, Hüseyin Şahin, Arif Bozdeveci, Şengül Alpay Karaoğlu



18. JUNE 2022 / SATURDAY

JOIN ZOOM MEETING

Meeting ID878 4519 0855

Passcode 220618

<https://us02web.zoom.us/j/87845190855?pwd=WjB5OXd2ZEwvRVNqU3RlRHc4OENiZz09>

ORAL PRESENTATION

FIRST SESSION

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

MODERATOR (S): Assoc. Prof. Dr. Aleksandar Ž. Kostić, University of Belgrade, Serbia
Assist Prof. Dr. Şaban Keskin, Bilecik Seyh Edebali University, Turkey

1. Title:	Characterization of 5 pollen samples from Castelo Branco
Author(s):	<u>Carlos A.L. Antunes</u> , Luís G. Dias, Leticia M. Estevinho, Celina Barroca, Mafalda Resende, Ofélia Anjos
2. Title:	Review on Honey Incorporated Polymer Hydrogels for Wound Healing Applications
Author(s):	<u>Özge Kuyucak</u> , Pınar Terzioğlu
3. Title:	Comprehensive Phytochemical Profile Of Ordu Province Propolis By LC-MS/MS
Author(s):	Ebubekir İZOL, Mustafa Abdullah YILMAZ, <u>İsmail YAPICI</u> , Ercan BURSAL, İsa YILMAZ, İlhami GÜLÇİN
4. Title:	Varroa Destructor Infestation in Honey Bees in Ankara Region, and Antioxidant Properties of Produced Honey
Author(s):	<u>Efe KURTDEDE</u> , Ahmet Mahmut ALPEREN, Berk BARAN
5. Title:	Investigation of the presence of virus infections in honey bee colonies in Afyonkarahisar Province
Author(s):	Ahmet Sait, <u>Ömer Barış İnce</u>
6. Title:	The Use of Biosensors in the Determination of Fenolic Compounds in Honey
Author(s):	<u>Umut Kökbaş</u>
7. Title:	Artificial Intelligence and Digital Technologies Produced and Developed for the Health and Future of Honey Bees and Bee Colonies
Author(s):	Sevgi AYDIN, <u>Kemal Gökhan NALBANT</u> , Beyza ERYILMAZ
8. Title:	Antimicrobial and Anti-quorum Sensing Activities of Lavander (Karabaş) Honey
Author(s):	<u>Ülkü Zeynep Üreyen Esertas</u> , Aslı Özkok, Sevgi Kolaylı
9. Title:	Biochemical composition of Eucalyptus camaldulensis oil and solvent extracts from Flora of Hatay/Turkey
Author(s):	Mustafa Yipel, <u>Aysun İlhan</u> , Musa Türkmen
10. Title:	Simulation and Decision-Making In a Bio-Hybrid Beehive
Author(s):	<u>Volha Taliaronak</u> , Heinrich Mellmann, Verena V. Hafner
11. Title:	Molecular Detection of Bee Pathogens in Honey Bee Pollen Samples in Bulgaria
Author(s):	<u>Delka Salkova</u> , Rositsa Shumkova, Ralitsa Balkanska , Nadezhda Palova, Boyko Neov, Georgi Radoslavov, Peter Hristov

COFFEE BREAK

TIME: 11:00-11:15 (Turkey Local Time - GMT+3)



SECOND SESSION

TIME: 11:15-13:15 (Turkey Local Time - GMT+3)

**MODERATOR (S): Assist Prof. Dr. Tuncer Çakmak, Van Yüzüncü Yıl University, Turkey
Dr. Esin Keleş, International Center For Livestock Research and Training, Turkey**

1. Title:	Diversity and Functions of Bee Microbiota
Author(s):	<u>Ayşe Ebru Borum</u>
2. Title:	Conservation of European m-lineage honey bees using abdominal colour as an indicator of subspecies purity has pitfalls
Author(s):	<u>Dora Henriques</u> , Ana R. Lopes, Roberto Ferrari, Cátia J. Neves, Andreia Quaresma, Keith A. Browne, Grace P. McCormack, M. Alice Pinto
3. Title:	Major royal jelly protein 2 (mrjp2) gene as the potential honey authentication marker of <i>Apis mellifera</i> and <i>A. cerana javana</i>
Author(s):	Nurul Insani Shullia, <u>Rika Raffiudin</u> , Tia Vina Febiriania, Nisfia Rakhmatun Nisa, Jenny Rahmadini, Hari Purwanto, Tri Atmowidi
4. Title:	Colonization patterns of <i>Nosema ceranae</i> in the Azores archipelago
Author(s):	<u>Ana R. Lopes</u> , Sara K. Segura, Raquel Martín-Hernández, Dora Henriques, M. Alice Pinto
5. Title:	Natural bee products and apitherapy for cancer prevention and treatment
Author(s):	<u>Sevgi Gezici</u>
6. Title:	The effect of honey bee (<i>Apis mellifera</i> L.) venom and apamin on acute epilepsy
Author(s):	<u>Bilge Yüksel</u> , Meral Kekeçoğlu
7. Title:	Nutritional composition and macro nutrient digestibility of bee pollen and bee bread: a simulated in vitro gastrointestinal digestion approach
Author(s):	<u>Volkan Aylanc</u> , Soraia I. Falcão, Miguel Vilas-Boas
8. Title:	The antimicrobial properties of poplar and aspen–poplar propolises and their active components against selected microorganisms, including <i>Helicobacter pylori</i>
Author(s):	<u>Jarosław Widelski</u> , Piotr Okińczyc, Emil Paluch, Tomasz Mroczek, Jakub Szperlik, Zuriyadda Sakhpova, Ioanna Chinou, Krystyna Skalicka-Woźniak, Anna Malm, Izabela Korona-Główniak
9. Title:	Seasonal changes in the circulation of viruses and mixed infection in the population of honey bees <i>Apis mellifera</i> L.
Author(s):	<u>A. V. Korolev</u> , S.L. Nesterchuk, Z. G. Kokaeva, T. A. Kapustina
10. Title:	Pesticides as a leading cause for the increasing honey bee colony losses in Bulgaria
Author(s):	<u>Evgeniya N. Ivanova</u> , Plamen P. Petrov

LUNCH

TIME: 13:15-14:00 (Turkey Local Time - GMT+3)



THIRD SESSION

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

MODERATOR(S): Prof. Dr. Salih Akkal and Assoc. Prof. Dr. Narimane Segueni

1. Title:	<i>Apis laboriosa</i> (Hymenoptera, Apidae) confirmed by morphometric and genetic analyses from sites of sympatry with <i>apis dorsata</i> in Arunachal Pradesh, North East, India
Author(s):	<u>Nyaton Kitnya</u> , Gard W. Otis, Jharna Chakravorty, Deborah R. Smith, Axel Brockmann
2. Title:	Dark European honey bee <i>Apis mellifera mellifera</i> benefits and its gut microbiome features
Author(s):	<u>R.A Ilyasov</u> , M.V. Marsova, A.S Kovtun, A.A. Vatlin, R.A.Yunes, R.R. Khisamov, R.R. Khisamova, A.Yu. Ilyasova, H.W. Kwon, J.I. Takahashi, V.N.Danilenko
3. Title:	Invasion patterns of <i>Vespa velutina nigrithorax</i> in Southern Europe: A genetic perspective
Author(s):	<u>Andreia Quaresma</u> , Dora Henriques, Joana Godinho, Xulio Maside, Laura Bortolotti, M. Alice Pinto
4. Title:	The beehive as biomonitor of pesticide residues in agroecosystems
Author(s):	Silvina Niell, Florencia Jesús, Melina Dorrego, Romina Genolet, Estela Santos, Rosana Diaz, Yamandu Mendoza, María Verónica Cesio, <u>Horacio Heizen</u>
5. Title:	Effect of bee-pollen supplementation on performance, carcass traits and blood parameters of broiler
Author(s):	<u>Soha A. Farag</u> , T.K. El-Rayes
6. Title:	Comparison of <i>Tetragona clavipes</i> (Apidae, Meliponini) honey from different regions of Brazil
Author(s):	<u>Mayara Faleiros Quevedo</u> , Tiago Maurício Franco
7. Title:	The importance of citizen science protocols for the formation of stingless beekeepers
Author(s):	<u>Celso Barbieri</u> , Tiago Mauricio Franco, Natalia Pirani Ghilardi-Lopes, Sheina Koffler, Bruno Albertini, Jailson Leocádio, Antônio Mauro Saraiva
8. Title:	Antifungal activity of "HO21-F", a formulation based on <i>Olea europaea</i> plant extract, in honey bees infected with <i>Nosema ceranae</i>
Author(s):	<u>José Duguet</u> , Fabián Zuñiga, Jessica Martínez
9. Title:	Maturity evaluation in stingless bee honey; Soconusco, Chiapas
Author(s):	<u>Grajales-Conesa, Julieta</u> , Matul-Ramos Kevin, López-García, José Alfonso, Torres de los Santos, Rodolfo, Albores-Flores, Víctor Jesús, Córdova-Albores, Liliana Carolina
10. Title:	Exposure to Nepalese propolis alters the metabolic state of <i>Mycobacterium tuberculosis</i>
Author(s):	<u>Jarosław Widelski</u> , Rafał Sawicki, Piotr Okińczyc, Wiesław Truskiewicz, Joanna Golus, Elwira Sieniawska
11. Title:	Surviving rate and cluster analysis of hives after winter in 2019 according to the statement of Turkish beekeepers
Author(s):	<u>Erdem Danyer</u> , Sedat Sevin, Ahmet Sertçelik, Banu Çakır
12. Title:	Metabolomics applications in bee science: a honey authenticity test reveals biosurfactant activity of scaptotrigona vitorum 'catiana' from Ecuador
Author(s):	<u>Patricia Vit</u>



POSTER PRESENTATION

Questions for Poster Presentations

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

1. Title:	A book on resins and propolis in stingless bee life
Author(s):	<u>Patricia Vit</u> , Vassya Bankova, Milena Popova, David W. Roubik
2. Title:	<i>Spirulina</i> as for a natural source of protein for bee colonies <i>Apis mellifera caucasia</i>
Author(s):	Ivoilova Maria Mikhailovna, <u>Dementeva Ekaterina Aleksandrovna</u> , Skvortsova Lyudmila Nikolaevna
3. Title:	Use of propolis powder as a functional food ingredient
Author(s):	Yanet Irigoiti, Diego K. Yamul, <u>Alba S. Navarro</u>
4. Title:	A precise and fully automatic MATLAB-based tool for honey bee subspecies diagnosis based on wing morphometric analysis
Author(s):	Ernesto Angel-Beamonte, Pilar Santolaria, Susana Cortés-Calvo, Irene Muñoz, Pilar De la Rua, <u>Jesús Yániz</u>
5. Title:	Morphometric differentiation of <i>Apis mellifera iberinesis</i> in the Balearic Islands
Author(s):	Jesús Yániz, Ernesto Angel-Beamonte, Irene Muñoz, Pilar De la Rua, Pablo Espejo, <u>Pilar Santolaria</u>
6. Title:	Seasonal variation of quality parameters of the brazilian red propolis from Alagoas: chemical and microbiological assays
Author(s):	<u>Matheus Vinicius Guimarães de Melo</u> , Arthur Luy Tavares Ferreira Borges, Emanuel Guilhermino da Silva Junior, Erisson Lima Silva, Fernanda Geny Calheiros Silva, João Victor Lessa de Oliveira, Kathylen Vitória Ferreira dos Santos, Lucas Rafael de Oliveira Silva, Monique Almeida Vila Nova, Nataly Christine Soares Gama, Salvana Priscylla Manso Costa, Ticiano Gomes do Nascimento
7. Title:	Relevance of pH in microbiological quality parameters of honey from native stingless bees
Author(s):	Antonella R. Muzzio, Guillermo Mongelós, Naldo Pellizzer, Amada B. Pucciarelli, <u>Andrea M. Dallagnol</u>
8. Title:	The use of biosensors in the determination of diastase activity in honey
Author(s):	<u>Umut Kökbaş</u>
9. Title:	Genomic DNA isolation methods from honey bee (<i>Apis mellifera L.</i>) spermatheca
Author(s):	<u>Carlos A. Yadró</u> , Ana R. Lopes, Dora Henriques, Chiraz Soltani, Manoela Marques, Jakob Wegener, Eduard Musin, M. Alice Pinto
10. Title:	An overview of the chemical contaminants in honey
Author(s):	<u>Jelena Ćirić</u> , Vesna Đorđević, Tatjana Baltić, Ivana Branković Lazić, Sara Rajić, Jelena Jovanović, Nenad Parunović
11. Title:	Antimicrobial activity of bee bread
Author(s):	<u>Tatjana Baltić</u> , Sara Rajić, Ivana Branković Lazić, Vesna Đorđević, Branko Velebit, Mirjana Lukić, Jelena Ćirić
12. Title:	Synthesis of green copper nanoparticles: antimicrobial properties
Author(s):	<u>Limberg Jaldin-Crespo</u> , Marcelo Ezquer, Jessica Martínez
13. Title:	Critical levels of Pb and Cd accumulation in the bees' bodies stimulating gatherings of bee colonies
Author(s):	<u>E.K. Eskov</u> , M.D. Eskova
14. Title:	Comparative study of the prevalence of nosemosis in honey bees in Bulgaria and Estonia
Author(s):	<u>Delka Salkova</u> , Sigmar Naudi



15. Title:	Biomonitoring of industrialized areas (tanning industry) in northeastern Italy using bee-collected pollen
Author(s):	<u>Marianna Martinello</u> , Chiara Manzinello, Ilenia Giuliano, Orietta Muzzolon, Franco Mutinelli
16. Title:	Establishing of taxonomic affiliation and hybridization of honeybees (<i>Apis mellifera</i>) in Belarus using molecular genetic methods
Author(s):	<u>Elena Guzenko</u> , Nastassia Tsar, Viachaslav Kipen, Valentina Lemesh
17. Title:	Bee food: are the supplements and substitutes quality granted?
Author(s):	<u>Soraia I. Falcão</u> , Maja Ivana Smodiš Šker, Alessandra Giacomelli, Robert Clebo, Giancarlo Quaglia, Michel Bocquet
18. Title:	Ethanol extracts of propolis from <i>Apis mellifera</i> and <i>Scaptotrigona mexicana</i> in the inhibition of pathogenic microorganisms in the silage of tropical pastures
Author(s):	<u>López-García José Alfonso</u> , Grajales-Conesa Julieta, Albores-Flores, Víctor Jesús, De Gyves-Cordova María Guadalupe, Coronel-Niño, Rito, Rayo-Alvarez, Johana Briseyda
19. Title:	Analytical method for pesticide residues quantitation in honey by LC-MS/MS
Author(s):	<u>Ana Paula Ferreira de Souza</u> , Mateus Henrique Petrarca, Nadia Regina Rodrigues, Patricia Aparecida Campos Braga, Felix Guillermo Reyes Reyes
20. Title:	Isolation of yeast in propolis and geopropolis from native bees with fermentative potential
Author(s):	<u>Fernanda Assumpção Costa</u> , Ana Carolina Souza Ramos de Carvalho, Fabio Rodrigues, Tiago Mauricio Franco
21. Title:	Modeling pesticide exposure on honeybee population dynamics with seasonality
Author(s):	<u>Jun Chen</u> , Adrian Fisher, Gloria DeGrandi-Hoffman, Jennifer Fewell, Jon Harrison, Yun Kang
22. Title:	Impacts of climate change on the honeybee-parasite system
Author(s):	Jun Chen, Jordy Rodriguez-Rincon, Gloria DeGrandi-Hoffman, Jon Harrison, <u>Yun Kang</u>
23. Title:	The contribution of Kastamonu University forestry and nature tourism specialization coordinator to beekeeping
Author(s):	<u>İlknur Sahin</u>
24. Title:	Health properties of crushed honey
Author(s):	<u>Aneta A. Ptaszyńska</u> , Marcin Sudziński, Magdalena Kunat
25. Title:	Antifungal activity of poplar, green and red propolis: a screening study in preservation of table grapes
Author(s):	<u>Andreia Tomás</u> , Paula Rodrigues, Moustapha Diallo, Soraia I. Falcão, Miguel Vilas-Boas
26. Title:	Mead production utilizing wild yeast from stingless and solitary bees.
Author(s):	<u>Ana Carolina Souza Ramos de Carvalho</u> , Gustavo Góes Serec, Fabio Rodrigues, Tiago Mauricio Franco
27. Title:	Floral visitors of <i>Thevetia peruviana</i> (Pers.) K. Schum in the Soconusco of Chiapas, Mexico
Author(s):	<u>Leonardo Arévalo Monterrubio</u> , Ma. Guadalupe Bustos-Vazquez, Hermilo Lucio-Castillo, Ivonne Torres-Acosta, Rodolfo Torres de los Santos
28. Title:	Preparation and characterization of green propolis granulates from Alagoas-Brazil
Author(s):	<u>Salvana P. M. Costa</u> , Mailde dos Santos, Lucas R. O. Silva, Kathylen V. F. dos Santos, Nataly C. S. Gama, Emanuel Silva Júnior, Matheus Guimarães, Monique A. Vila Nova, João Victor Oliveira, Arthur F. Borges, Jenifer M. D. de Freitas, Ticiano G. Nascimento
29. Title:	Investigating the correlation between the antioxidant and colour properties of honeys of different botanical origin
Author(s):	<u>Rita Végh</u> , Mariann Csóka, Éva Stefanovits-Bányai, László Sipos
30. Title:	The red propolis of Alagoas State/Brazil: A study of the production and value chain
Author(s):	<u>Maria Tereza D'Ávila de Albuquerque</u> , José Edmundo Accioly de Souza, Ticiano Gomes do Nascimento



31. Title:	Effectiveness of honey from bees <i>Melipona beecheii</i> and <i>Melipona solani</i> as alternative treatment for the healing of neuropathic diabetic foot ulcers in wagner stages I and II
Author(s):	Citlali Ibarias Toledo, Rodolfo Torres De los Santos, Guadalupe Bustos-Vázquez, Daniel Trujillo-Ramírez, José Reyes-Hernández, Xóchitl García-Casas, <u>Ruiz Toledo Jovani</u>
32. Title:	Amitraz residues in honey: A case study of Natural Park of Montesinho
Author(s):	Diana Rede, <u>Virgínia Cruz Fernandes</u> , Mónica Oliveira, Inês Casal, Cristina Delerue-Matos
33. Title:	Does robber bees have a higher potential for antimicrobial activity in their propolis? A case study with <i>Lestrimelitta limao</i>
Author(s):	<u>Filippo Clava</u> , Aline Negromonte dos Santos, Tiago Mauricio Franco
34. Title:	Selection of strategies for voluntary engagement in the formulation of citizen science projects a suggestion for bee conservation projects
Author(s):	<u>Yan Victory dos Santos</u>
35. Title:	The functional study of honey bee (<i>Apis mellifera</i>) olfactory receptors that detect phenethyl acetate, which triggers hygienic behavior
Author(s):	<u>Seungha Lee</u> , Dain Lee, Myeong-Lyeol Lee, Hyung Wook Kwon
36. Title:	Overview of manufactured goods derived from stingless bees products in the Brazilian market
Author(s):	<u>Luana Ferreira Fedele</u> , Celso Barbieri, Tiago Mauricio Franco
37. Title:	Behavioral dynamics of pollen storage in <i>Melipona quadrifasciata</i>
Author(s):	<u>Patrícia Miranda-Pinto</u> , Michelle Manfrini Morais Vátimo
38. Title:	Development of rapid test kit for pure honey kelulut
Author(s):	Nurul Zafiq Jefferi, <u>Adibah Amir</u> , Hadi Purwanto
39. Title:	Trap-nests for stingless bees in an atlantic forest region
Author(s):	Yuri Ribeiro Diogo, Beatriz S. Araujo, Patricia Miranda-Pinto, Lais Calpacci Araujo, Diego de J. Cerqueira, Juliana A. Quagliano, Tiago Mauricio Franco, Michelle Manfrini Morais
40. Title:	Acetolyzed and natural pollen preparations for melissopalynology
Author(s):	Jorge Erique Moreno Patiño, David W. Roubik, <u>Ortrud Monika Barth</u> , Patricia Vit
41. Title:	Determination of total phenol, total flavonoid amounts and antioxidant activity of commercial Turkish propolis extracts
Author(s):	<u>Süreyya Karaaslan</u> , Miyase Çınar, Begüm Yurdakök Dikmen
42. Title:	The functional study of honey bee (<i>Apis mellifera</i>) olfactory receptors that detect phenethyl acetate, which triggers hygienic behavior
Author(s):	<u>Seungha Lee</u> , Dain Lee, Myeong-Lyeol Lee, Hyung Wook Kwon
43. Title:	Stingless bee keepers group characterization from the west and south area of yucatan; future implementation of biotechnological innovation
Author(s):	<u>Dariana Zacarias Calzada</u> , Julieta Grajales-Conesa, Yariely del Rocío Balam-Ballote, José Adrián Cimé-Pool, José Alfonso López-García, Víctor Albores-Flores, Danae Álvarez-Ruiz