



# 3rd International Propolis Conference

Propolis, Past, Present and Future Medicine

9 - 11 November 2023 İstanbul -Türkiye



## Thursday, 9 November, 2023

12:00-17:00 Registration

12:00-13:30 Welcome Cocktail

13:30-14:30 Official Opening Ceremony  
Moderator: Emel Damarlı

14:30-15:10 Exploring the Geographical and Bee Species Influences on Stingless Bee Propolis  
Vassya Bankova

15:10-15:30 Coffee Break

Moderator: Emel Damarlı

15:30-16:10 Propolis: Past, Present and Future Medicine  
James Fearnley

16:10-16:50 Propolis Scientific Studies in the Last 20 Years Around the Globe  
Ali Timuçin Atayoğlu

16:50-17:30 The Effect of Propolis in Pregnant Nutrition  
Sibel Silici

17:30-17:50 BeeArc - Social, Cultural and Economic Renewal - Inspired by the Honeybee  
James Fearnley

19:30-00:00 Gala Dinner

## Friday, 10 November, 2023

Moderator: Sibel Silici (09:00-11:00)

09:00-09:40 Uses of Different Forms of Propolis in Clinical Medicine; Methods, Rules And Guidelines  
Stefan Stangaciu

09:40-10:00 Plant Sources of Propolis In Iran  
Mohammad Refahi

10:00-10:20 Foodomics Approaches for Understanding the Gastrointestinal Protective Effects of Bee Propolis  
Kai Wang

10:20-10:40 The Anti-Inflammatory Properties On Raw 264.7 Cell Lines And Bioactive Compounds of Indonesian Propolis From Four Stingless Bee Species  
Muhamad Sahlan

10:40-11:00 Water-Based Propolis Enhances the Anticancer Activity of 5-Fluorouracil, a Chemotherapy Drug  
Muhsin Atilla Göksoy

11:00-11:20 Coffee Break

Moderator: Vassya Bankova (11:20 –13:00)

11:20-11:40 Quality assessment of global propolis samples using chemical profiling through HPLC and GC-MS  
Bhagyashree Kamble

11:40-12:00 New Green Propolis Extract Formulations as Promising Candidates To Substitut Hydroalcoholic Extract  
Andresa A. Berreta

12:00-12:20 Medicinal Forms and Therapeutic Uses of Iranian Propolis  
Mohsen Fathi Najafi

12:20-12:40 Propolis from Omani Plants  
Hassan Al-Lawati

12:40-13:00 Importance Of Botanical Source Identification For Propolis Standardization  
Etil Güzelmeriç

13:00-14:20 Lunch

Moderator: Andresa-Berretta (14:20 – 16:00)

14:20-14:40 Influence Of Shading Hives On Green Propolis Production And Quality In The Northeastern Brazilian Caatinga - Brasil  
Jéssica Aparecida de Lima

14:40-15:00 Chemical Composition Of Honey And Propolis From The Stingless Bee Scaptotrigona Mexicana  
Milena Popova

15:00-15:20 Investigation of the Effect of Propolis Extraction Conditions on Bioactive Components  
Oktay Yıldız

15:20-15:40 A Study on Shelf Life of Propolis Extracts Based on Bioactive Properties  
Oktay Yıldız

15:40-16:00 Determination of Wax Content of Olive-Oil Propolis Extracts Prepared Under Different Conditions  
Nesrin Ecem Bayram

16:00-16:20 Coffee Break

Moderator: Timuçin Atayoğlu (16:20 – 18:20)

16:20-16:40 Comparative Flavonoid Profiling of Middle Eastren, African, and European Propolis Samples and its Correlation with Their Therapeutic Potential  
Samra Ihsan

16:40-17:00 Propolis Mechanisms and Effects in Depression and Anxiety, From Literature to Practice  
Ramona-Niculina Jurcău

17:00-17:20 Bisphenol a Risk in Propolis  
Miray Dayoğlu

17:20-17:40 The Development of Topical Products From Indonesian Stingless Bee Propolis: Therapeutic and Cosmetic Applications  
Felix Zuhendri

17:40-18:20 Propolis Promotes Social Homeostasis in Honey Bees and Supports Mite Resistant Behaviors  
Michael Simone-Finstrom

18:20-20:00 General Assembly of IPRG

## Saturday, 11 November, 2023

Moderator: James Fearnley (09:00-11:20)

09:00-09:40 Propolis International Standard Proposed by ISO – an Important Regulatory Framework for Authenticity and Quality Remarks of the Propolis International Market  
Andresa A. Berretta

09:40-10:20 Film and Coating Innovation: Harnessing the Power of Propolis  
Miguel Vilas-Boas

10:20-10:40 Amount of Individual Phenolic Compounds in Commercial Propolis Products, Quality and Standardization  
Hasan Hüseyin Oruç

10:40-11:00 The Main Factors Affecting the Quality of Honey Bees' Life and Products  
Devrim Oskay

11:00-11:20 Coffee Break

Moderator: Stefan Stangaciu (11:20-13:00)

11:20-12:00 Chemopreventive and Chemotherapeutic Effect of Propolis on Cancer  
Abdurrahim Koçyiğit

12:00-12:20 Evaluation of the Biochemical Parameters and Histological Study of the Antidiabetic Effect of Propolis "In Vivo Study In Wistar Rats"  
Prof. Noureddine DJEBLI

12:20-12:40 Water-Based Propolis Prevents Protein Oxidation in Fission Yeast Grown at High Glucose Concentration  
Nazlı Arda

12:40-13:00 Antiviral activity of propolis against SARS-CoV-2 infection in real-time in vitro cell studies  
Müge Serhatlı

13:00-14:20 Lunch

Moderator: Miguel Vilas-Boas (14:20 – 15:40)

14:20-14:40 Exploring The Diverse Properties Of Propolis: A Multidisciplinary Approach  
Astrid Sarapa

14:40-15:00 Overview of Bee Propolis Industry in China  
Xuan Li

15:00-15:20 Evaluation Of The Botanical Sources, Chemical Components, And Bioactivity Profiles Of Several Propolis Samples Collected From Black Sea Region (Türkiye)  
Nisa Beril Şen

15:20-15:40 Optimization of Propolis Extraction with Natural Deep Eutectic Solvents and Evaluation of Their Bioactive Content and Antimicrobial Activity  
Ufuk Alpat

15:40-16:00 Multivariate Analysis of Correlation Between Chemical Composition and Biological Activity of Propolis  
Shankar Katekhaye

16:00-16:20 Coffee Break

Moderator: Nazlı Arda (16:00 – 17:00)

16:20-16:40 A Chewable Lozenge With Propolis As A Promising Cariostatic Agent Dosage Form  
Anna Kurek-Górecka

16:40-17:00 Propolis Shows Antiatherogenic Activity by Reducing ADAM10 and Sortilin Levels in the Aortic Root  
Ertuğrul Yiğit

17:00-17:20 Chemical and Bioactivity Studies on a New Type of Propolis Botanically Originated from Cistus laurifolius L.  
Ecesu Sezen

17:20-17:40 Propolis and Drug Interactions  
Sibel Silici

17:40-18:40 Closing Ceremony

18:40-21:30 Closing Cocktail