

**SECOND PROPOLIS CONFERENCE, SOFIA 2018**

## Conference program

Friday, September 28, 2018	
08:30 – 18:30	Registration
09:15 – 09:30	<b>Official opening ceremony</b>
<b>Session I</b>	
09:30 – 10:10	<b>Plenary Lecture 1. James Fearnly (UK)</b> Exploring a new generation of medicines from the beehive.
10:10 – 10:50	<b>Plenary Lecture 2. Marla Spivak (USA)</b> What we know, and don't know, about the benefits of propolis to honey bee health
10:50 – 11:05	<b>Short lecture 1. Ahmad Sulaeman (Indonesia)</b> Hepatoprotective activity of Indonesian stingless bee propolis against toxicity of anti-tuberculosis drug on pulmonary Tb patients
11:05 – 11:30	<i>Coffee break</i>
11:30 – 12:10	<b>Plenary Lecture 3. Stefan Stangaciu (Romania)</b> Use of Propolis in Clinical Medicine. A review
12:10 – 12:25	<b>Short lecture 2. Kai Wang (China)</b> Emerging impact of bee propolis for gut health: evidence and mechanisms
12:25 – 12:40	<b>Short lecture 3. Plamen Enchev (Bulgaria)</b> Application of propolis – herbal ethanol extract and ointment for a leg with gangrene (clinical case)
12:40 – 12:55	<b>Short lecture 4. Verica Milojkovic (Serbia)</b> Propolis: a natural product – great potential as a medicine
12:55 – 13:10	<b>Short lecture 5. Sevgi Kolayli (Turkey)</b> Some apitherapeutic properties of chestnut propolis
13:10 – 14:20	<i>Lunch</i>
<b>Session II</b>	
14:30 – 15:10	<b>Plenary Lecture 4. Tim Regan (UK)</b> An exploration into the relationship between propolis production and trypanosome burden
15:10 – 15:50	<b>Plenary Lecture 5. Milena Popova (Bulgaria)</b> Chemical profiling of tropical propolis: challenges and new data
15:50 – 16:05	<b>Short lecture 6. Efrain Alday (Mexico)</b> Plant origin authentication of Sonoran propolis and its antiproliferative effect on cancer cells: a bioactive poplar type propolis from Semi-arid zones
16:05 - 16:20	<b>Short lecture 7. Alexandra C. H. F. Sawaya (Brazil)</b> Chemical composition of extracts of geopropolis from <i>Melipona quadrifasciata</i> (Mandaçaia) evaluation of its antioxidant activity
16:20 – 16:35	<b>Short lecture 8. Vincenzo Zaccaria (Italy)</b> Characterized propolis extracts, obtained with standardized extraction method, show similar chemical; profile (HPLC-ESI.MSN) and <i>in vitro</i> antibacterial, antioxidant and anti-inflammatory activity through evaluation of expression of miRNAs, mRNAs and proteins.

16:35 – 17:00	<i>Coffee break</i>
17:00 – 18:30	<b>General discussion:</b> Meeting of the International Propolis Research Group
18:30 - 19:30	<b>Poster session</b>
20:30 – 23:00	<i>Conference Dinner</i>
Saturday, September 29, 2018	
08:30 – 18:30	Registration
<b>Session III</b>	
09:00 –9:40	<b>Plenary Lecture 6. Shigenori Kumazawa</b> (Japan) Chemical profile and botanical origin of stingless bee propolis from Thailand and Indonesia
9:40 – 10:20	<b>Plenary Lecture 7. David Watson</b> (UK) The immune modulatory and anti-protozoal effects of different propolis samples.
10:20 -10:35	<b>Short lecture 9. Stephen Bloor</b> (New Zealand) New antiproliferative acyl glycerols from New Zealand propolis and source poplar resin.
10:35 – 10:50	<b>Short lecture 10. Risqa Rina Darwita</b> (Indonesia) The efficacy of propolis fluoride in inhibiting dental caries activity on primary teeth
10:50 – 11:05	<b>Short lecture 11. Konstantia Graikou</b> (Greece) An overview of chemical studies and biological activities of Mediterranean propolis
11:15 – 11:45	<i>Coffee break</i>
11:45– 12:25	<b>Plenary Lecture 8. Vassya Bankova</b> (Bulgaria) Insights and pitfalls in propolis research
12:25– 13:05	<b>Plenary Lecture 9. Badiia Lyoussi</b> (Morocco) Propolis: Pharmacological properties and medical applications of Propolis in modern medicine
13:05 – 13:20	<b>Short lecture 12. Miguel Vilas-Boas</b> (Portugal) A collaborative study for performance evaluation of analytical methods for propolis. An IHC trial
13:20 - 13:35	<b>Short lecture 13. Katarína Bíliková</b> (Slovakia) Molecular characterization of propolis and royal jelly components as tool for study of their multifunctional therapeutic effects.
13:35– 14:30	<i>Lunch</i>
<b>Session IV</b>	
14:30 – 14:45	<b>Short lecture 14. Michael Goblirsch</b> (USA) Can propolis inhibit infection dynamics of honey bee ( <i>Apis mellifera</i> L.) viruses <i>in vitro</i> ?
14:45 – 15:00	<b>Short lecture 15. Shankar Katekhaye</b> (UK)

	Study of relationship between geographical location of collection, chemical composition and biological activity of propolis by multivariate data analysis
15:00 – 15:15	<b>Short lecture 16. Amando Siuiti Ito</b> (Brazil) Interaction of Artepillin C with model membranes: optical absorption and fluorescence spectroscopy studies
15:15 – 15:30	<b>Short lecture 17. Şaban Keskin</b> (Turkey) A new approach to propolis extraction
15:30 – 15:45	<b>Short lecture 18. Cristina Almeida-Aguiar</b> (Portugal) Portuguese propolis: a source of valuable bioactivities
15.45 – 16:15	<i>Coffee break</i>
16:15 – 16:30	<b>Short lecture 19. Zbigniew Balion</b> (Lithuania) Anticancer properties of aqueous and nonaqueous propolis extracts
16:30 – 16:45	<b>Short lecture 20. Merve Keskin</b> (Turkey) Antimicrobial effect of commercial propolis extract (BEEO©)
16:45 – 17:00	<b>Short lecture 21. Boryana Trusheva</b> (Bulgaria) New insights into tropical propolis: propolis from Pitcairn Island <b>Short</b>
17:00 - 17:15	<b>Short lecture 22. Klemen Rihar</b> (Slovenia) Toothpaste with propolis “Apident” shows antimicrobial activity <i>in vitro</i>
17:15 - 17:30	<b>Short lecture 23. Hugo Fearanly</b> (UK) ARC (Apiceutical Research Centre): Developing a global BeePharma network. Local kelp for local health
17:30– 17:45	<b>Short lecture 24. Ashok K. Shakya</b> (Jordan) Fatty acid analysis and biological activity of Jordanian Propolis
17:45– 18:00	<b>Closing Ceremony</b>