

| The First International Conference on Apiceutical Research: The Potential of Propolis in Human and Bee Health | | |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Technology and Innovation Centre, Strathclyde University, Glasgow - 16-17 June 2016 | | |
| PROGRAMME | | |
| Day 1 - Thursday 16th June | | |
| 08.45-09.00 | Opening Ceremony | Level 1, Auditorium |
| 09.00-09.50 | Plenary Speaker The benefits of propolis to honey bee health and social immunity Marla Spivak, University of Minnesota, Minnesota, USA | Level 1, Auditorium |
| 09.50-10.40 | Plenary Speaker Taming the Chemical Diversity: How to make better use of Propolis Vassaya Bankova, Institute of Organic Chemistry, Sofia, Bulgaria | Level 1, Auditorium |
| 10.40-11.00 | Tea & Coffee | Level 3, Foyer |
| 11.00-13.00 | Session 1 - Propolis in Bee Health | |
| 11.00-11.30 | Invited Speaker Behaviour aspects of propolis collection and use by honeybees Janko Bozic, University of Lubljana | Level 1, Auditorium |
| 11.30-12.00 | Invited Speaker Bees in an urban environment Warren Bader, Plan Bee Ltd | Level 1, Auditorium |
| 12.00-12.15 | 3-acyl dihydroflavonols from poplar resins collected by honey bees are active against the bee pathogens <i>Paenibacillus larvae</i> and <i>Ascosphaera apis</i> Michael Wilson, University of Minnesota, Minnesota, USA | Level 1, Auditorium |
| 12.15-12.30 | Comparison of New Zealand propolis and its poplar sources using multivariate analysis of LCMS data Stephen Bloor, Callaghan Innovation, New Zealand | Level 1, Auditorium |
| 12.30-12.45 | Advances in Romanian Propolis Research Daniel Dezmirean, University of Agricultural Sciences and Veterinary Medicine, Romania | Level 1, Auditorium |
| 12.45-13.45 | Lunch | Level 3, Foyer |
| 13.45-17.45 | Session 2 - Isolation, Chemical Characterisation and Testing of Components in Propolis 14.10 -17.50 | |
| 13.45-14.25 | Plenary Speaker Quality Standards and Bioactivity in Portuguese Propolis Miguel Vilas Boas, University of Applied Sciences of Bragança, Portugal | Level 1, Auditorium |
| 14.25-14.55 | Invited Speaker COLOSS C.S.I. Pollen Project Alison Gray, University of Strathclyde, Glasgow, Scotland | Level 1, Auditorium |
| 14.55-15.25 | Invited Speaker Antimicrobial Properties of propolis Veronique Seidel | Level 1, Auditorium |
| 15.25-15.45 | Tea & Coffee | Level 1, Foyer |
| 15.45-16.05 | Bee Keeping in Africa Hugo Fearnley, Apiceutical Research Centre, Bee Pharma Africa | Level 1, Auditorium |
| 16.05-16.20 | Prenylflavonoids and the plant origin of Pacific propolis Shigenori Kumazawa, University of Shizuoka, Japan | Level 1, Auditorium |
| 16.20-16.35 | Recent advances in the chemical characterization of antiproliferative constituents of Sonoran propolis Efraín Alday, University of Sonora, Mexico | Level 1, Auditorium |
| 16.35-16.50 | Biological Activities, Phytochemical Composition and Plant Origin of Indonesian Native Stingless Bee (<i>Trigona</i> sp) Propolis from Different Provinces in Indonesia Ahmad Sulaeman, Dept. Community Nutrition, Bogor Agricultural University, Indonesia | Level 1, Auditorium |
| 16.50-17.05 | The use of metabolomics to isolate bioactive metabolite esculentic acid against <i>Mycobacterium marinum</i> Yusnaini Md Yusoff, SIPBS, University of Strathclyde, Glasgow, UK | Level 1, Auditorium |
| 17.05-17.20 | The Project to Determine A Characteristic Map of Turkish Propolis Günay Başdoğan; Tuğçe Daştan; Gizem Mergen Duymaz; Özge Erdem Sönmezer; Emel Damarlı; Ufuk Alpat; İlknur Atalay Balparmak Research & Development Center ; Altıparmak Food Co. / TURKEY | Level 1, Auditorium |
| 17.20-17.35 | Therapeutic benefits of Moroccan Propolis Pr Badaia Lyoussi, University Sidi Mohamed Ben Abdallah, Fez, Morocco | Level 1, Auditorium |
| 17.45-18.45 | Poster Session | Level 3, Foyer |
| 19.30 | Conference Dinner @ Ross Priory | |

| Day 2 - Friday 17th June | | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 08.30-09.10 | Plenary Speaker Propolis: Potential for the Development of New Drugs José Maurício Sforcin. São Paulo State University, Brazil | Level 1, Auditorium |
| 09.10-09.50 | Plenary Speaker Analytical strategies for the characterization of samples of Brazilian propolis from different regions and species of bees Alexandra C H F Sawaya, Institute of Biology, State University of Campinas, Brazil | Level 1, Auditorium |
| 09.50-10.10 | Tea & Coffee | Level 1, Foyer |
| 10.10 - 12.45 | Session 3 - Commerical Products prepared from Propolis | |
| 10.10-10.40 | Invited Speaker Formulation of Propolis Products Anant Paradkar School of Pharmacy, University of Bradford | Level 1, Auditorium |
| 10.40-11.00 | Invited Speaker Evolution of Propolis Research in the UK and its potential as medicine of the future James Fearnley, BeeVital Ltd | Level 1, Auditorium |
| 11.00-11.30 | Invited Speaker The economic importance of bees and their produce in the developing world. Nicola Bradbear, Bees for Development. | Level 1, Auditorium |
| 11.30-11.45 | Impact of biohybrid magnetite nanoparticles and Moroccan propolis on adherence of methicillin resistant strains of <i>Staphylococcus aureus</i> Soukaina El-Guendouz. University Sidi Mohamed Ben Abdallah, Fez, Morocco | Level 1, Auditorium |
| 11.45-12.00 | Characterization and Antileishmanial Activity of Two Polymeric Nanoparticles loaded with Brazilian Red Propolis Extract Isabel de Moraes Porto, Preparation, Laboratory of Quality Control of Drugs, Medicines and Foods, Federal University of Alagoas, Brazil | Level 1, Auditorium |
| 12.00-12.15 | Development and evaluation of nasal formulations containing Brazilian green propolis extract A. Scremin Paulino. Medalex Gestão de Informações & Cursos Ltda, Florianópolis, Brasil | Level 1, Auditorium |
| 12.15-12.30 | Purification of propolis from polycyclic aromatic hydrocarbons and preservation of active polyphenol content Nicola Volpi, Department of Life Sciences, University of Modena, Italy | Level 1, Auditorium |
| 12.30-12.45 | Elemental content of propolis in several cities of Turkey Maras Meltem. Bülent Ecevit University, Faculty of Education, Turkey | Level 1, Auditorium |
| 12.45-14.00 | Lunch & Posters | Level 3, Foyer |
| 14.00-14.30 | Invited Speaker The remarkable anti-protozoal properties of propolis Dave Watson, SIPBS, University of Strathclyde, Glasgow, Scotland | Level 1, Auditorium |
| 14.30-15.00 | Invited Speaker British Propolis in Oral Healthcare Phil Wander, British Dental Association, UK | Level 1, Auditorium |
| 15.00-15.15 | Determination of Indonesian Native Trigona Bee Propolis as Complementary Nutraceutical of Anti Tuberculosis Drug Mahani, Department Community Nutrition, Faculty of Human Ecology, Bogor Agricultural University, Indonesia, and Department Food Industrial Technology, Faculty of Agricultural Engineering, Padjadjaran University, Indonesia. | Level 1, Auditorium |
| 15.15-15.30 | Propolis and Royal Jelly enhance the antibacterial activity of Honey against <i>Pseudomonas aeruginosa</i> Bratko Filipič, University of Ljubljana, Ljubljana, Slovenia | Level 1, Auditorium |
| 15.30-15.45 | The Properties of Indonesian Trigona Propolis Wax Muhamad Sahlan. Department of Chemical Engineering, Faculty of Engineering, Universitas Indonesia | Level 1, Auditorium |
| 15.45-16.05 | Tea & Coffee | Level 3, Foyer |
| 16.05-16.20 | Metal-cum-plastic mesh knock-down frame-like propolis collector Allotey Abraham. Allotey Technologies, Forestry Commission, Ghana | Level 1, Auditorium |
| 16.20-16.35 | Baccharin, Artepillin C, and Drupanin enhance adipocyte differentiation in 3T3-L1 cells Je Tae Woo. Chubu University, Aichi, Japan | Level 1, Auditorium |
| 16.35-16.50 | Effect of Brazilian red propolis on saliva and oral mucosa of patients with head and neck neoplasms Isabel de Moraes Porto, Federal University of Alagoas, Brazil | Level 1, Auditorium |
| 16.50-17.05 | Effect of Propolis on <i>Streptococcus mutans</i> biofilms and its cytotoxic activity Margarita Gomez Escalada, Leeds Beckett University | Level 1, Auditorium |
| 17.05-17.20 | Stan Scheller (1928-2002): a precursor of propolis studies in Poland Andrzej Kuropatnicki. Pedagogical University of Krakow, Krakow, Poland | Level 1, Auditorium |
| 17.20-17.35 | Closing remarks and discussion | Level 1, Auditorium |
| 19.00 | Informal Dinner | |

POSTER PRESENTATIONS

| | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P1 | Isosativan and in vivo antitrypanosomal activity of extracts from Nigerian propolis Stephanie Shaakaa, University of Agriculture Makurdi, Nigeria |
| P2 | Analysis of flavonoids from propolis Anant Paradkar, Centre for Pharmaceutical Engineering Science, School of Pharmacy, University of Bradford |
| P3 | Development of Cocrystals for Caffeic acid Phenethyl ester: Studies on Cocrystal Architecture and Solubility Implications Anant Paradkar, School of Pharmacy, University of Bradford |
| P4 | Oral bio-adhesive propolis patches by hot melt extrusion Sachin A Korde. Centre for Pharmaceutical Engineering Science, School of Pharmacy, University of Bradford |
| P5 | Protective effect of propolis against oxidation of cosmetic emulsions containing wheat germ and almond oil Soukaina El-Guendouz. University Sidi Mohamed Ben Abdallah, Fez, Morocco |
| P6 | Selective Behavior of Honeybees in Acquiring European Propolis Plant Precursors Valery Isidorov |
| P7 | The identification of chemical components from UK bee propolis and preliminary screening for potential immunomodulatory effects Najla Altwaijry. SIPBS, University of Strathclyde |
| P8 | Antibacterial and Antioxidant Activity of Tetragonisca angustula (jataí) Propolis Extracts Alexandra Sawaya. Institute of Biology, State University of Campinas, Brazil |
| P9 | Antioxidant Activity of Brazilian Red Propolis Alexandra Sawaya. Institute of Biology, State University of Campinas, Brazil |
| P10 | Brazilian red propolis for cavity disinfection and its effect on colour and microtensile bond strength of dentin/resin interface Isabel Cristina Celerino de Moraes Porto |
| P11 | The anti-protozoal properties of Libyan propolis Weam Siheri. SIPBS, University of Strathclyde |
| P12 | Study of the effects of European propolis and selected plant extracts on Paenibacillus larvae a causative agent of American Foulbrood Valery Isidorov, Forest Faculty, Bialystok University of Technology, Poland |
| P13 | Seasonality and Authenticity and Authentication Studies of Brazilian Red Propolis Ticiano Gomes do Nascimento Laboratory of Quality Control of Drugs, Medicines and Foods, University of Alagoas, Brazil |
| P14 | Bee Propolis: the immunobiological properties Bratko Filipič, Institute for Microbiology and Immunology, University of Ljubljana |
| P15 | Effect of storing conditions on the phenolic content of propolis from boreal coniferous zone Anneli Salonen, University of Eastern Finland, Finland |
| P16 | Propolis: active ingredient in different formulations with pharmaceutical application Liviu Al. Mărghițaș, Gabriela Birtaș, Daniel Dezmirean, Claudia Pașca, Otilia Bobiș, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Apiculture and Sericulture Department, Manastur 3-5, Cluj-Napoca, Romania |
| P17 | Influence of chemical profile on the antibacterial activity of propolis on bee pathogens Paenibacillus larvae and Paenibacillus alvei Otilia Bobiș, Liviu Al. Mărghițaș, Victorița Bonta, Daniel Dezmirean, Chirilă Flore, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Apiculture and Sericulture Department, Manastur 3-5, Cluj-Napoca, Romania |
| P18 | Antibacterial Activity of Propolis Extracts on Normal and Pathogenic Microflora from Milk Claudia Pașca, Liviu Al. Mărghițaș, Daniel Dezmirean, Chirilă Flore, Nicodim Fiț, Otilia Bobiș, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Apiculture and Sericulture Department, Manastur 3-5, Cluj-Napoca, Romania |
| P20 | Chemical Composition and Antimicrobial Activity of Romanian Propolis Against Clinical Strains of Staphylococcus aureus and Escherichia coli Laura Stan ¹ , Mihaela Niculae ^{2*} , Eموke Pall ² , Sevastița Muste ¹ , ¹ University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Food Science and Technology, 3-5 Manastur Street, 400372, Cluj-Napoca, Romania; ² University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Veterinary Medicine, 3-5 Manastur Street, 400372, Cluj-Napoca, Romania |
| P21 | Biologically active compounds of propolis from some Russian regions Khismatullin R.G. LLC "Tentorium" 35 Turgeneva Str., Perm 614017 Russia, Semushina E.V. LLC "Tentorium" 35 Turgeneva Str., Perm 614017 Russia, Eller K.I. Institute of Nutrition, 2/14 Ustinsky proezd Moscow 109240 Russia, Perova I.B. Institute of Nutrition, 2/14 Ustinsky proezd Moscow 109240 Russia |
| P22 | The potential of bee venom and its components as a vaccine adjuvant Jonans Tussiimire, Nicola WoodVal Ferro, Carol Clements, Louise Young, Mark Dufton Jin Kyu Park, Jennifer Wallace John Parkinson, Dave Watson. University of Strathclyde. |
| P23 | Profiling of propolis from Scottish Hives on the Same Site. Khaled Saleh, Alison Gray, Magnus Petersson, Willow Lohr, Sarah Kennedy, Dave Watson. University of Strathclyde. |