

Trends in Natural Products Research

Leicester, 11 – 14 April, 2010

SUNDAY– 11 APRIL

18:00 - 20:00

Registration and informal get-together

The Criterion - Free House , 44 Millstone Lane, Leicester, LE1 5JN

MONDAY - 12 APRIL

Leicester School of Pharmacy - Hawthorn Building

08:00 - 10:00

Registration

10:00 - 10:30

Opening ceremony

10:30 – 11:30

KN-1 - Dr Lydia Smith (National Institute of Agricultural Botany)

Field crops for the production of speciality chemicals

11:30 - 11:45

SL-1 Rolinde Demeyer (Institute for Agricultural and Fisheries Research, Belgium)

Exploiting the natural variation of Arabidopsis thaliana for the production of recombinant proteins

11:45 - 12:00

SL-2 Caroline Howard (De Montfort University, UK)

PlantID – A System for the Identification of Medicinal Plant Material by DNA Profiling

12:00 – 13:30

Lunch, poster viewing

13:30 – 14:30

KN-2 - Dr Colin Hill (Botanical Developments Ltd)

Industrial scale extraction methods for pharmaceuticals from natural sources

14:30 - 14:45

SL-3 Ronan Batista (Universidade Estadual do Sudoeste da Bahia, Brazil)

The influence of the alkaloid-enriched extract from the pods of Prosopis juliflora on ruminal digestion

14:45 - 15:00

SL-4 Jaroslav Havlik (Czech University of Life Sciences Prague, Czech Republic)

Passage of plant-derived antimicrobial into honey and larvae of honey bee (Apis mellifera) after administration, for possible american foulbrood treatment.

15:00 – 15:30

Coffee/Tea, poster viewing

15:30 – 15:45

SL-5 Giovanna Delogu (C.N.R. Istituto di Chimica Biomolecolare, Italy)

Preparation of cyclodextrin complexes with natural products for application in post-harvest treatment

15:45 - 16:00

SL-6 Yasin Genç (Hacettepe University, Turkey)

Bioassay Guided Studies on Plantago major subsp. Major

Free evening

TUESDAY - 13 APRIL

9:00 -10:00

KN-3 - Professor Elizabeth Williamson (University of Reading)
Synergy in medicinal herbs and herbal extracts

10:00 - 10:15

SL- 7 Susana M. Cardoso (Instituto Politécnico de Coimbra, Portugal)
Northeast Portuguese Propolis protects against neurotoxic events in cerebral cortical neurons

10:15 - 10:30

SL-8 Corrinne Burns (De Montfort University, UK)
*Self-medication with *Artemisia annua* L.*

10:30 -11:00

Coffee/Tea poster viewing

11:00 – 12:00

KN-4 - Professor Monique Simmonds (Birkbeck University of London)
The role of ethnobotany in modern drug development

12:00 - 12:15

SL-9 Jalifah Latip (Universiti Kebangsaan, Malaysia)
*The potential of oligostilbenoids of *Dipterocarpaceae* as anti-MRSA agent*

12:15 - 12:30

SL-10 Enitome Evi Bafor (University of Benin, Nigeria)
*In vitro Tocolytic activity of the partitioned aqueous fraction of the leaves of *Anthocleista djalonesis* A Chev. (*Loganiaceae*)*

12:30 - 14:00

Phytochemical Society of Europe - AGM

Lunch, poster viewing

14:00 – 15:00

KN-5 - Dr Colin Wright (University of Bradford)
Development of novel plant based antimalarials

15:00 - 15:15

SL-11 R.M. Borges (Universidade Federal do Rio de Janeiro, Brazil)
*Comparison of adjuvant potential of QS21-containing saponin and CA3 and CA4 saponins from *Chiococca alba* (L.) in murine vaccination against visceral leishmaniasis with FML antigen.*

15:15 - 15:30

SL-12 Ketan C Ruparelia (De Montfort University, UK)
Artemisinin-Chalcone hybrid preparation as potential Antitumour Prodrugs 22

15:30 – 16:30

Coffee/ Tea, poster viewing

16:30 – 16 :45

SL-13 Trixie Ann Bartholomeusz (Université de Lausanne/ Université de Genève, Switzerland)
Antiprotozoal Activity of Tropane Alkaloid Derivatives

16 :45 - 17 :00

SL-14 Hamisi M. Malebo (Kenyatta University, Kenya)
*Antiplasmodial aporphine and protoberberine alkaloids from *Annickia kummeriae* (Engl. & Diels) Setten & Maas (*Annonaceae*)*

20:00 – 23:00

Conference dinner

Feast India

WEDNESDAY - 14 APRIL

9:00 -10:00

KN-6 - Professor Mike Beale (Met-RO Rothamsted)
Metabolomics as a tool in plant secondary products research

10:00 - 10:15

Nadine Bohni (Université de Lausanne/ Université de Genève, Switzerland)
High-throughput analysis of novel metabolites from co-cultured human pathogenic fungi using HPLC-MS offline coupled to microflow-NMR

10:15 - 10:30

Zhong Cheng (De Montfort University, UK)
The tangeretin metabolite 4-hydroxytetramethoxyflavone is a novel inhibitor of S6 kinase phosphorylation which attenuates cell cycle progression in hepatocytes

10:30 -11:00

Coffee/Tea poster viewing

11:00 – 12:00

KN-7 - Dr Paul Kroon (IFR, Norwich)
Metabolism and health effects of dietary polyphenols

12:00 - 12:15

Supattra Rungsimakan (University of Bath)
*Phenylpropanoid glycosides from *Salvia horminum* L.*

12:15 - 12:30

Didem Şöhretoğlu (Hacettepe University, Turkey)
*Pharmacognosical investigations of some *Geranium* species*

12:30 - 12:45

Abdul Waheed (Kingston University, UK)
*Anti-proliferative activity of *Arisaema flavum* against estrogen-responsive human breast cancer cells (MCF-7); structure elucidation of isolated compounds*

12:45 -14:00

Lunch, poster viewing

14:00 – 15:00

PL 8 - Prof Satya Sarker (University of Wolverhampton)
Current trends in phytochemical analysis.

15:00 – 15:30

Conference closing