

Symposium

"Bioactive principles of medicinal plants and diet"

Monday, 1st October 2012 – "The first day"

From 9:00 am	Registration
10:00 am – 10:15 am	Opening of the Symposium
Plenary lecture 1	Chair: Prof. Dr. Günter Vollmer
10:15 am – 11:15 am	„Ethnopharmacology? Methods and opportunities“ Prof. Michael Heinrich, School of Pharmacy, University College London, UK
Plenary Lecture 2	Chair: Prof. Dr. Michael Heinrich
11:15 am – 12:15 pm	Developmental origin of disease or disease prevention Prof. Dr. Günter Vollmer, Molecular Cell Physiology & Endocrinology, TU Dresden, Germany
12:15 pm – 2:00 pm	Get together and Lunch
2:00 pm – 3:00 pm	Advance Payment
3:00 pm – 6:00 pm	Dresden – A Guided Tour in English with Steffi Eckold from the Alumni Office of the TU Dresden

Tuesday, 2nd October 2012

Symposium 1: Sources for new leads

Chair: Prof. Dr. Günter Vollmer

- | | |
|---------------------|---|
| 9:00 am – 9:40 am | New concepts, experimental approaches and dereplication strategies for the discovery of novel active compounds from natural sources

Dr. Maria Halabalaki, Department of Pharmacognosy and Natural Products Chemistry Faculty of Pharmacy, University of Athens, Greece |
| 9:40 am – 10:20 am | Bio-assay guided isolation of bioactive compounds from plants

Dr. Svjetlana Medjakovic, Institute for Applied Microbiology, University of Natural Resources and Life Sciences, Vienna, Austria |
| 10:20 am – 10:50 am | Coffee Break |
| 10:50 am – 11:30 am | The concept of NMR based metabolomics

Prof. Dr. Milen I. Georgiev, Institute of Microbiology, Bulgarian Academy of Sciences, Plovdiv, Bulgaria |
| 11:30 am – 12:10 pm | Dynamic model for the ultrasonic-assisted extraction of bioactive compounds from natural products

Dr. Nguyen Minh Tan, Institute for Research and Development of Natural Products, Hanoi University of Technology, Vietnam. |
| 12:10 pm – 1:30 pm | Lunch Break |
| 1:30 pm – 2:00 pm | Group Picture |
| 2:00 pm – 2:30 pm | Presentations of funding programs for international research: European Project Center |
| 2:30 pm – 3:00 pm | Presentation of the Alumni Office of the TU Dresden and its Network "Regional Ambassadors": Steffi Eckold, Alumni Office |
| 3:00 pm – 6:00 pm | Visit of the Art Gallery "Alte Meister" |

Wednesday, 3rd October 2012**Plenary lecture 3**

Chair: Prof. Dr. Günter Vollmer

9:00 am – 10:00 am

Nuclear estrogen receptors are involved in progestin induced cell proliferation

Dr. Claudia Lanari, Laboratorio de Carcinogénesis Hormonal (LCH), Instituto de Biología y Medicina Experimental (IBYME), Buenos Aires Argentina

10:00 am – 10:20 am

Coffee Break

Symposium 2: Targets

Chair: Dr. Oliver Zierau

10:20 am – 11:00 am

Signaling pathways: interaction of AhR and estrogen receptors as an example

Dr. Georg Kretzschmar, Molecular Cell Physiology & Endocrinology, TU Dresden, Germany

11:00 am – 11:40 am

Female sex hormones and immune cells crosstalk

Dr. Federico Jensen, Experimental Obstetrics and Gynaecology, Otto-von-Guericke-University, Magdeburg, Germany

11:40 am – 12:20 am

Engineering estrogen responsive brain cells – implications for research on natural compounds

Dr. Dena Amer, Alliance Global, Dubai, United Arab Emirates

12:20 pm – 2:00 pm

Lunch in "Müller's Café", Bergstraße 78

Symposium 3: Experimental models

Chair: Dr. Claudia Lanari

2:00 pm – 2:40 pm

Animal models for research on sex hormones

Dr. Oliver Zierau, Molecular Cell Physiology & Endocrinology, TU Dresden, Germany

2:40 pm – 3:20 pm

Mammary gland carcinogenesis models in breast cancer research

Dr. Daniela Macejova, Laboratory of Molecular Endocrinology, Institute of Experimental Endocrinology, Slovak Academy of Sciences, Bratislava, Slovakia

3:20 pm – 7:30 pm

Shipping on the Elbe

Meeting Point: In front of the symposium-building

Thursday, 4th October 2012**Plenary lecture 4**

Chair: Prof. Dr. Günter Vollmer

9:00 am – 10:00 am

Danggui Buxue Tang (A Chinese Angelica Decoction): A Sample Trial in Traditional Chinese Medicine Standardization

Prof. Karl Tsim, The Hong Kong University of Science and Technology

Symposium 4: Health

Chair: Dr. Jannette Wober

10:00 am – 10:40 am

Antioxidants – a recipe for good health?

Prof. Dr. Herwig Gutzzeit, Zoology & Developmental Biology, TU Dresden, Germany

10:40 am – 11:00 am

Coffee Break

11:00 am – 11:40 am

Phytoestrogenic Activity of a South African Herbal Tea

Prof. Dr. Ann Louw, Department of Biochemistry, Stellenbosch University, South Africa

11:40 am – 12:20 am

Intracellular distribution and biological effects of plant bioactives in a prostate cell line

Dr. Stefano Lorenzetti, ISS – Istituto Superiore di Sanità, Dpt. of Food Safety and Veterinary Public Health, Food and Veterinary Toxicology Unit, Rome, Italy

12:20 noon – 1:30 pm

Lunch Break

Short Communications

Chair: Prof. Dr. Günter Vollmer

1:30 pm – 1:50 pm

Leptadenia hastate Pers. (Decne): A food plant and a promising natural resource for biomedical research

Dr. Bayala Balé, Reproduction Physiology, University of Ouaga-dougou, Burkina Faso

1:50 pm – 2:10 pm

Modulation of some estrogen-responsive genes in the uterus, the liver and the vena cava of ovariectomised Wistar rats by griffonianone C, an isoflavone derived from *Millettia griffoniana* Baill. (Fabaceae)

Dr. Germain Ketcha Wanda, The University of Yaoundé 1, Department of Psychology, Yaoundé, Cameroon

- 2:10 pm – 2:30 pm Erythroidins: a novel class of alkaloid phytoestrogens from *Erythrina poeppigiana*
Dr. Sefirin Djiogue, Laboratory of Animal Physiology, Department of Animal Biology & Physiology, Faculty of Science, University of Yaoundé 1, Cameroon
- 2:30 pm – 2:50 pm Alternative sumoylation sites in the *Drosophila* nuclear receptor Usp
Dr. Katarzyna Bielska, Wrocław University of Technology, Wrocław, Poland
- 2:50 pm – 3:10 pm Coffee Break
- 3:10 pm – 3:30 pm Timeless, a novel nuclear receptor coregulator
Dr. Chantal Magne Nde, Prince Henry Institute of Medical Research, Clayton, Australia
- 3:30 pm – 3:50 pm Genistein in combination with vitamin D₃ receptor ligands affects expression of selected nuclear receptors
Lucia Bialesova, Institute of Experimental Endocrinology, Slovak Academy of Sciences, Bratislava, Slovakia
- 3:50 pm – 4:10 pm Ethanol extract of *Elephantopus mollis* and *spilanthes arificana* (Asteraceae) stimulate bone regeneration
Dr. Florence Tsofack Ngueguim, Department of Animal Biology and Physiology, University of Yaoundé 1, Yaoundé, Cameroon
- 4:10 pm – 4:30 pm Estrogenic and Cytotoxic Properties of *Erythrina excelsa* Baker (Fabaceae)
Sadrine Tchoukouegno Ngueu, German Sport University, Cologne, Germany
- 4:30 pm – 4:50 pm Antioxidant activity and antimicrobial properties of raw propolis and propolis extract from Iasi
Mirela Goanta, "Al.I.Cuza" University, Faculty of Chemistry, Department of Inorganic Chemistry, Iasi, Romania
- 5:15 pm – 8:00 pm Bus Trip to the famous brewery "Watzke" with dinner

Friday, 5th October 2012

8:00 am – 9:30 am	Final Payment
9:30 am – 12:00 noon	Bus trip to “Max Planck Institute” Meeting Point: In front of the symposium-building
12:00 noon – 2:30 pm	Lunch and Evaluation Workshop in “ROSENGARTEN”