

PROGRAM

Venue:

Bio Center (Building 304) /
Biozentrum Köln (Gebäude 304)
Zülpicher Straße 47b
50674 Köln

Bio-Geo Lecture Hall (Building 310) /
Bio-Geo-Hörsaal (Gebäude 310)
Zülpicher Straße 49b
50674 Köln



→ Bio-Geo Lecture Hall
→ Biocenter

Sponsored by:



Presented by:

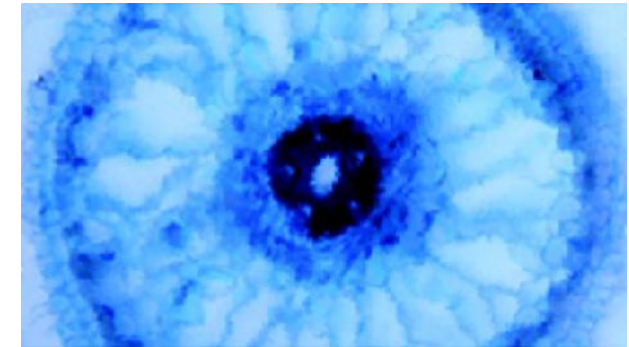
Graduate School for Biological Sciences
University of Cologne, Germany



Contact:

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About CEWIS

The mission of CEWIS is to spotlight extraordinary women in biological sciences.

CEWIS is also an initiative to demonstrate how exciting and rewarding a career in biological sciences can be and to encourage young researchers to pursue such careers themselves.

The CEWIS symposium is organized by students of the Graduate School for Biological Sciences (GSfBS) and the North Rhine-Westphalia International Graduate School in Development Health and Disease (NRW IGSDHD), which are part of University of Cologne and the International Max Planck Research School (IMPRS) that belongs to the Max Planck Institute for Plant Breeding Research.

THURSDAY, JULY 18, 2013

Bio-Geo Lecture Hall

09:00-09:15 WELCOME

09:15-10:15 **Keynote Speaker**
Christiane Nüsslein-Volhard
„Women in Science: Passion and Prejudice“

10:15-10:30 COFFEE BREAK

Plant Developmental Biology Part I

10:30-11:00 **Invited Speaker: Naomi Ori**
„A role for AP1/FUL transcription factors in tomato leaf development downstream of TCP proteins“

11:00-11:15 Shirin Zamani-Nour
„Loss of Cytosolic Phosphoglucose Isomerase (cPGI) affects carbohydrate metabolism in leaves and is essential for fertility of Arabidopsis thaliana“

11:15-11:30 Xu Yu
„Functional analysis of the N-terminal domain of Arabidopsis SPA1 in light signal transduction“

Foyer of Biocenter

11:30-13:30 POSTER SESSION I & LUNCH

Seminar Room 201

12:00-13:00 **Ruth Willmott: Career Mentoring Workshop** (only for registered participants)

Bio-Geo Lecture Hall

Plant Developmental Biology Part II

14:00-14:30 **Invited Speaker: Akiko Satake**
„Forecasting plant phenology in a dynamically changing natural environment by gene expression assessment“

14:30-14:45 Theo Zografou
„Distinct impact of CURLY LEAF and SWINGER on the Arabidopsis Histone H3 Lys27 trimethylation pattern“

14:45-15:15 **Invited Speaker: Maria von Korff**
„Barley development and adaptation“

15:15-15:30 Eva-Maria Willing
„Using multiple Brassicaceae genomes as a basis for comparative ‘omics“

15:30-16:00 **Invited Speaker: Franziska Turck**
„It’s time to flower: decision making in plants“

16:00-16:15 COFFEE BREAK

Drosophila Development

16:15-16:30 Helen Tauc
„Deciphering molecular changes in aging Drosophila intestinal stem cells“

16:30-17:00 **Invited Speaker: Maria Leptin**
„Morphogenesis and Cell Shape: Subcellular and Supracellular Mechanisms“

17:00-17:15 CEPLAS COFFEE BREAK

17:15-18:15 **Keynote Speaker**
Ulla Bonas (sponsored by CEPLAS)
„How bacterial pathogen effectors manipulate the host cell“

FRIDAY, JULY 19, 2013

Bio-Geo Lecture Hall

Infection Biology (sponsored by L’Oréal)

09:00-09:40 **Invited Speaker: Rashika El Ridi**
„Solving the Riddle of the Lung-Stage Larvae Paved the Road to a Remedy for Schistosomiasis and much more“

09:40-09:55 Meriem Belheouane
„QTL analysis of the skin microbiota in house mice“

09:55-10:10 Katja Siewering
„The ubiquitous peptidoglycan-binding protein TsaP functions in surface assembly of type IV pili“

10:10-10:50 **Invited Speaker: Susana López-Charreton**
„Rotavirus interactions with its host cell: An arms race“

10:50-11:10 COFFEE BREAK

Development of the Brain

11:10-11:40 **Invited Speaker: Marysia Placzek**
„Striking a Balance: Hypothalamus and Home“

11:40-11:55 Johanna Zemva
„Activity and function of Insulin-/ IGF-1-receptor signaling in the murine brain during aging“

11:55-12:25 **Invited Speaker: Eva Rother**
„Perinatal Factors Affecting Neurodevelopment in Mouse Offspring“

Foyer of Biocenter

12:30-14:00 POSTER SESSION II & LUNCH

Biocenter Lecture Hall 0.024

Computational Biology

14:00-14:30 **Invited Speaker: Ora Furman**
„Peptide-mediated protein communication: the structural basis“

14:30-14:45 Florian Lempp
„Crystal structure of a Hepatitis B Virus receptor complex reveals a novel mode of viral receptor recognition“

14:45-15:00 COFFEE BREAK

Skin Biology

15:00-15:15 Silvia Vidali
„Thyroid hormones regulate key parameters of mitochondrial biology in human skin epithelium in situ and may exert anti-aging effects“

15:15-15:30 Chiara Pazzagli
„Integrin alpha 3 mutations in skin fragility“

15:30-16:00 **Invited Speaker: Sara Wickström**
„Mechanisms of cellular force generation in matrix remodeling and fibrosis“

16:00-16:05 SHORT BREAK

16:05-16:20 Julia Schröder
„Fewer women invited speaker in evolutionary biology: patterns, consequences and possible causes“

16:20-16:50 Open discussion with invited speakers

16:50-17:00 CLOSING REMARKS & AWARDS

Biocenter court yard

17:00-Evening Summer Party