

Programme

Day 1: Tuesday 10 November 2015

- 8.30 - 9.00 *Registration poster hanging*
- 9.00 - 9.15 **WELCOME**
Per Gardeström, Scientific coordinator for KBC
- 9.15-10.15 **Keynote Speaker: The Genetics of Common Diseases**
Kari Stefansson, *deCODE genetics, Reykjavík, and Faculty of Medicine, University of Iceland, Iceland*
Chair: Erik Johansson
- 10.15-10.45 *Coffee break*
- 10.45-12.00 **RESEARCH NEWS FROM KBC DEPARTMENTS**
Chair: Andrei Chabes
- 10.45-11.00 **MicroBiorefine**
Christiane Funk, *Chemistry*
- 11.00-11.15 **Techno-biological green Chemistry: Enzymes love Ionic liquids**
Jyri-Pekka Mikkola, *Chemistry*
- 11.15-11.30 **Physiological Branch-Points with Ecosystem Consequences: Carbon and Water in Boreal Forests**
John Marshall, *Department of Forest Ecology and Management, SLU*
- 11.30-11.45 **Evolutionarily conserved mechanisms of stress response that converge on Mediator and chromatin structure**
Stefan Björklund, *Medical Biochemistry and Biophysics*
- 11.45-12.00 **What to do with great ideas?**
Madeleine Ramstedt, *Department of Chemistry and Ambassador for the innovation support system at UmU*
Camilla Viklund, *Uminova*
- 12.00-13.00 *Lunch*

Programme

Day 1: Tuesday 10 November 2015

- 13.00-14.00 **PANEL DISCUSSION-OUTREACH ACTIVITIES AT UMEÅ UNIVERSITY**
Examples for outreach at Umeå university? Who is participating in outreach? What is the policy for outreach? What can we improve?
Participants:
Åsa Rasmuson-Lestander, Dean, Faculty of Science and Technology
Tobias Sparrman, Chemistry
Keith Larson, Ecology and Environmental Science
Anna-Lena Lindskog, Faculty of Science and Technology
Moderator: Eva-Maria Diehl
- 14.00-15.00 **RESEARCH AT CIRC (CLIMATE IMPACT RESEARCH CENTRE)**
- 14.00-14.15 **Abisko Climate Impacts Research Centre (CIRC)**
Jan Karlsson, Ecology and Environmental Science
- 14.15-14.30 **The arctic and our changing climate - do ecosystems matter?**
Ellen Dorrepaal, Ecology and Environmental Science
- 14.30-14.45 **Herbivores influence the function of arctic ecosystems**
Johan Olofsson, Ecology and Environmental Science
- 14.45-15.00 **Tundra streams in a changing climate**
Reiner Giesler, Ecology and Environmental Science
- 15.00-15.30 *Coffee break*
- 15.30-ca. 16.00 **THE MIDTERM PHD-STUDENTS AT KBC PRESENT THEIR POSTER (2 min each)**
Chair: Linda Pommer
- | | |
|--|---|
| <i>Participating PhD-students:</i> | Farahnaz Ranjbarian , MBB |
| Roland Bergdahl , Chemistry | Umut Rende , UPSC, Forest Genetics and Plant Physiology |
| Daria Chrobok , UPSC, Plant Physiology | Michael Saleeb , Chemistry |
| Anne Deininger , EMG | Shashank Sane , UPSC, Forest Genetics and Plant Physiology |
| Dagmar Egelkraut , EMG | Barbara Terebieniec , UPSC, Plant Physiology |
| Beatriz Galindo-Prieto , Chemistry | Phong Tran , MBB |
| Haleh Hayatgheibi , UPSC, Forest Genetics and Plant Physiology | Tung Pham , Chemistry |
| Amir Khodabakhsh , Physics | Marcus Östman , Chemistry |
| Martina Kulén , Chemistry | <i>Additional presentations:</i> |
| Mattias Lindh , Physics | Ioanna Antoniadis , UPSC, Forest Genetics and Plant Physiology |
| Philipp Ochtrup , Chemistry | James Good , Chemistry |
| Lars Nygård Skalman , Medical Biochemistry and Biophysics (MBB) | Natuschka Lee , Dept Ecology Environ Science |
| Stefano Papazian , UPSC, Plant Physiology | |
| Jonna Venkateswara Rao , MBB | |
- 16.00-18.00 *Poster Session PhD-students present their posters*
- 18.00 *Dinner and presentation of the KBC poster award*

Programme

Day 2: Wednesday 11 November 2015

- 9.00-10.00 **AWARDEES AND NEW FACULTY MEMBERS**
Chair: Thomas Wågberg
- 9.00-9.15 **Cell surface dynamics**
Richard Lundmark, *Medical Biochemistry and Biophysics*
Fernström prize for young scientists
- 9.15-9.30 **Time-resolved photoelectron spectroscopy of surfaces**
Piotr Matyba, *Physics*
Gunnar Öquist Fellow
- 9.30-9.45 **Seed orchard – the link between tree breeding and forest production**
Xiao-Ru Wang, *Ecology and Environmental Science, EMG*
- 9.45-10.00 **Biotic interactions and climate change effects on communities and ecosystem functioning in mountain landscapes**
Maja Sundqvist, *Ecology and Environmental Science*
- 10.00-10.30 *Coffee break*
- 10.30-11.45 **AWARDEES AND NEW FACULTY MEMBERS**
Chair: Richard Bindler
- 10.30-10.45 **Molecular Detection with Optical Frequency Combs**
Aleksandra Foltynowicz-Matyba, *Physics*
Kungl. Skytteanska Samfundets Pris 2015
- 10.45-11.00 **Regulation of inflammation in the gut**
Andrea Puhar, *The Laboratory for Molecular Infection Medicine Sweden MIMS/Dept of Molecular Biology*
- 11.00-11.15 **Gram-positive Type 4 Secretion Systems**
Ronnie Berntsson, *Department of Medical Biochemistry and Biophysics*
- 11.15-11.30 **Integration of flowering time signals in *Arabidopsis thaliana***
Markus Schmid, *Department of Plant Physiology*
- 11.30-11.45 **Molecular level investigations of clay mineral interfaces**
Michael Holmboe, *Department of Chemistry*
- 11.45-12.45 *Lunch*

Programme

Day 2: Wednesday 11 November 2015

- 12.45-12.55 **The interactive focus environment at KBC**
Per Gardeström, Scientific Coordinator KBC
- 13.00-14.00 **NEWS FROM THE INFRASTRUCTURES AND CORE FACILITIES**
2 mins each plus max 1 min for questions
NOTE longer information at Poster presentations
- Biochemical Imaging Centre Umeå (BiCU)**
Irene Martinez Carrasco, *Integrative Medical Biology/Medical Biochemistry and Biophysics*
- Laboratories for Chemical Biology Umeå (LCBU)**
Per-Anders Enquist, *Chemistry*
- Clean Room Facility at the Physics Department**
Roushdey Salh, *Physics*
- Swedish Metabolomics Centre (SMC)**
Thomas Moritz, *UPSC, Forest Genetics and Plant Physiology*
- Umeå Core Facility for Electron Microscopy (UCEM)**
Linda Sandblad, *Molecular Biology*
- NMR Core Facility - NMR for Life**
Gerhard Gröbner/Jürgen Schleucher, *Chemistry/Medical Biochemistry and Biophysics*
- Protein Expertise Platform (PEP)**
Mikael Lindberg, *Chemistry*
- Proteomics Core Facility**
Gunnar Wingsle/Thomas Kieselbach, *UPSC, Forest Genetics and Plant Physiology*
- Vibrational Spectroscopy Core Facility**
András Gorzsás, *Chemistry*
- Computational Life Science Cluster (CLiC)**
Johan Trygg, *Chemistry*
- Climate Impacts Research Centre (CIRC)**
Jan Karlsson, *EMG*
- Umeå Marine Sciences Centre**
Siv Huseby, *UMF*, Henrik Larson, *UMF*
- X-Ray Crystallography Facility**
Uwe Sauer, *Chemistry*
- 14.00-15.00 *Coffee break and poster viewing*
- 15.00-16.30 Visits at the Core Facilities