

## BIOCENTER OULU DOCTORAL PROGRAMME ADVANCED COURSE

### *Functional Genomics, Animal Models and Translational Medicine*

### Autumn 2012

<b>Place</b>	Lectures: Medical Campus lecture halls (F202 Dept of Pharmacology & Toxicology, F101 Dept of Physiology, or A101 Dept of Anatomy and Cell Biology, or P117 Dept of Pathology), or Linnanmaa Campus lecture hall L5. Discussion Groups (for pre-registered students only): BCO Meeting Room 487B, Kieppi Building, Aapistie 5A (Main Building of the Medical Campus. or Dept of Biochemistry Meeting Room BK226 in Linnanmaa.
<b>Time</b>	Tuesday afternoons at 14.15 (Discussion group sessions start about 10 minutes after the lecture has finished.)
<b>Study requirements</b>	Validation for 2 ECTS Study Credits requires attending at least 8 lectures (involving suggested readings) and at least one discussion group.
<b>Registration</b>	Required for the study credit units only. Send e-mail to Ritva Saastamoinen by September 4, indicating your name, the suggested speaker for your discussion group(s), your Department and Principal Supervisor.
<b>Transportation</b>	There will be bus transportation between Linnanmaa and Kontinkangas. The bus leaves from in front of the Kieppi Building, Aapistie 5A at 13.55 pm (20 minutes before the scheduled beginning of the lecture) and returns after the lecture from Door J on the Linnanmaa campus back to the Kontinkangas campus (leaving, at 15.55 pm), or vice versa.
<b>Information</b>	Ritva Saastamoinen, tel. 0294 48 6102, e-mail: <a href="mailto:ritva.saastamoinen(at)oulu.fi">ritva.saastamoinen(at)oulu.fi</a> and <a href="http://www.oulu.fi/biocenter/">http://www.oulu.fi/biocenter/</a>

## PROGRAM

Date	Place and host	Speaker	Title of the lecture
Sept 11	Kontinkangas Lecture hall A101 Host: Taina Pihlajaniemi	<b>Michael A. Fox</b> Virginia Commonwealth University, Medical Center, Dept of Anatomy and Neurobiology, Richmond, USA	<i>Cell and molecular mechanisms regulating precise wiring of the brain</i>
Sept 18	Kontinkangas Lecture hall A101 Host: Raija Soininen	<b>Yann Hérault</b> Institute of Genetics and Molecular and Cellular Biology, University of Strasbourg, France	<i>Exploring new paths for understanding and treating Down syndrome using the mouse aneuploid zoo</i>
Sept 25	Kontinkangas Lecture hall F101 Host: Thomas Kietzmann	<b>Stephan Herzig</b> German Cancer Research Center, Heidelberg, Germany	<i>Transcriptional control of metabolism</i>
Oct 9	Kontinkangas Lecture hall P117 Host: Taina Pihlajaniemi	<b>Paul Martin</b> University of Bristol, School of Biochemistry, UK	<i>Investigating the role of inflammation in wound healing and cancer - studies in flies and fish and mice</i>
Oct 16	Kontinkangas Lecture hall A101 Host: Aki Manninen	<b>Juha Klefström</b> University of Helsinki, Institute of Biomedicine, Finland	<i>Deconstructing and reconstructing biological complexity in breast cancer models</i>
Nov 6	Linnanmaa Lecture hall L5 Host: Thomas Kietzmann	<b>Bert van der Horst</b> Chronobiology & Health at Erasmus Medical Center Rotterdam, Netherlands	<i>Tick-Tock - Cancer and your Body Clock</i>
Nov 13	Kontinkangas Lecture hall A101 Host: Ritva Saastamoinen	<b>Gonghong Wei</b> University of Oulu, Dept of Medical Biochemistry and Molecular Biology, Finland	<i>Charting gene regulatory networks for translational cancer research</i>
Nov 20	Kontinkangas Lecture hall F202 Host: Johanna Myllyharju	<b>Eric Metzén</b> Dept of Physiology, University of Duisburg-Essen, Germany	<i>Metabolic adaptation to hypoxia - HIF and beyond</i>
Nov 27	Kontinkangas Lecture hall F202 Host: Raija Soininen	<b>Paul Potter</b> Mammalian Genetics unit, MRC Harwell, Oxfordshire, UK	<i>Disease Model Discovery: From Disease to gene and back again</i>
Dec 4	Kontinkangas Lecture hall F202 Host: Ritva Saastamoinen	<b>Hannes Lohi</b> University of Helsinki and Folkhälsan Institute of Genetics, Helsinki, Finland	<i>Hunting new disease genes with the help of a man's best friend - dog</i>