



## Minisymposium: Omics in Biomedicine

<b>Date</b>	November 23, 2016
<b>Time</b>	Lectures at 9:00-16:00, followed by 1-hour discussion group session
<b>Place</b>	University of Oulu, Medical campus: Leena Palotie Hall 101A, Aapistie 5A
<b>Organizer</b>	Biocenter Oulu Doctoral Programme (BCO-DP), University of Oulu
<b>Credits</b>	0.7 ECTS for the whole programme, 0.3 ECTS for lectures only
<b>Requirements</b>	To obtain the credits for the whole programme, participation in the lectures, post-lecture discussion session and suggested readings are required.
<b>Registration</b>	<b>By November 16, 2016, using this link:</b> <a href="https://www.webropolsurveys.com/S/109A173849686178.par">https://www.webropolsurveys.com/S/109A173849686178.par</a>
<b>Information</b>	BCO-DP coordinator Ritva Saastamoinen, ritva.saastamoinen(at)oulu.fi, tel. +358 294 48 6102, <a href="http://www.oulu.fi/biocenter/omics-2016">http://www.oulu.fi/biocenter/omics-2016</a>

Everyone is welcome to the lectures. Please note that the post-lecture discussion session is limited to pre-registered participants. In case of overbooking, doctoral students will be given preference. The readings will be distributed about one week before the symposium.

### PROGRAMME

9:00-9:05	Opening words
<i>Session I</i>	<i>Chair: Seppo Vainio</i>
09:05-09:40	<i>Principles and Practice of Precision Cancer Medicine: Tailoring Treatment to Individual Cancer Patients</i> <b>Olli Kallioniemi</b> , Karolinska Institutet, Sweden
09:40-10:15	<i>Combining Cancer Genomics and Proteomics Provides New Insights into Dysregulation and Roles of Protein Kinases in Cancer</i> <b>Jianmin Wu</b> , Peking University Cancer Hospital & Institute, China
10:15-10:45	Coffee break
<i>Session II</i>	<i>Chair: Johanna Myllyharju</i>
10:45-11:20	<i>Cancer Genomics: Perspectives and Challenges in Biomedical Research</i> <b>Xose S. Puente</b> , University of Oviedo, Spain
11:20-11:55	<i>Creating a Breast Cancer Protein Index for Clinical usage</i> <b>Peter James</b> , Lund University, Sweden & Åbo Akademi University, Finland
11:55-13:00	Lunch break
<i>Session III</i>	<i>Chair: Outi Savolainen</i>
13:00-13:35	<i>On the Genomes of the First Pioneering People of Scandinavia</i> <b>Mattias Jakobsson</b> , Uppsala University, Sweden
13:35-14:10	<i>Application of Single-Cell Sequencing Technology at Early Mammalian Development</i> <b>Florence Naillat</b> , University of Oulu, Finland
14:10-14:40	Coffee break
<i>Session IV</i>	<i>Chair: Johannes Kettunen</i>
14:40-15:15	<i>Integration of Genome-Wide Data to Decode Gene Regulation in Cardiovascular Disease</i> <b>Minna U. Kaikkonen</b> , University of Eastern Finland, Finland
15:15-15:50	<i>Human Metabolic Individuality: Stability, Heritability, and Genetic Underpinning of Metabolite Profiles</i> <b>Gabi Kastenmüller</b> , Helmholtz Zentrum München, Germany
15:50-16:00	Discussion and concluding remarks
16:00-17:00	Refreshments and post-lecture discussion session with the speakers, for pre-registered participants (Place: 487B, BCO meeting room at 4 <sup>th</sup> floor)