

## BIOCENTER OULU DAY 2019

### Nature meets technology – the many faces of modern medicine

<b>Time</b>	Tuesday, April 9, 2019 at 8.30-16.00
<b>Place</b>	Leena Palotie Auditorium 101A in the Main Building of the Medical Campus, University of Oulu, Oulu, Finland
<b>Chairpersons</b>	Priyanka Parmar, Naveed Ahmad

## PROGRAMME

### Session 1: Small things are important

08.30-08.40	Opening remarks Chairperson of the Organizing Committee, Biocenter Oulu
08.40-08.50	Welcome Prof. Johanna Uusimaa, Director of Focus Institute Biocenter Oulu
08.50-09.30	<i>“Nanotherapy for cancer and regenerative medicine”</i> <b>As. Prof. Joy Wolfram</b> , Mayo Clinic, USA
09.30-10.05-	<i>“Nanotechnology-mediated drug delivery systems: Future advances in healthcare”</i> <b>Prof. Roberta Cavalli</b> , University of Turin, Italy
10.05-10.10	Sponsor time: <b>AH Diagnostics</b>
10.10-10.50	<i>Coffee at the exhibition area (40 min)</i>

### Session 2: From the great outdoors

10.50-10.55	Sponsor time: <b>Immuno Diagnostic Oy</b> Janne Ylärinne,
10.55-11.30	<i>“Much more than timber: Innovations from forest to benefit human health”</i> <b>Dr. Anna-Maria Pirttilä</b> , University of Oulu, Finland
11.30-12.05	<i>“Wnt signaling pathways: from fundamental research to drug discovery”</i> <b>Prof. Vladimir Katanaev</b> , University of Geneva, Switzerland
12.05-13.25	<i>Lunch break and exhibition (1 h 25 min)</i>

### Session 3: How the computer thinks?

13.25-13.35	Sponsor time: <b>Nordlab</b>
13.35-14.10	<i>“Machine Learning in Pain Research”</i> <b>Prof. Jörn Lötsch</b> , Goethe University Frankfurt, Germany
14.10-14.45	<i>“Life beyond the pixels, image analysis and machine learning methods for cell profiling”</i> <b>Prof. Peter Horvath</b> , University of Helsinki, Finland
14.45-15.15	<i>Coffee at the exhibition area (30 min)</i>

### Session 4: We could but should we?

15.15-15.50	<i>“Ethics of artificial intelligence - Implications for Healthcare and Biosciences”</i> <b>Juho Vaiste</b> , University of Turku, Finland
15.50-16.00	General discussion and concluding remarks