

NCMM Scientific Retreat

Sundvolden Hotel, June 12-13, 2019

Wednesday June 12, 2019

09.00 Bus from Forskningsparken to Sundvolden Hotel

10.30 – 10.40 Opening remarks

Chair: Anthony Mathelier

10.40 – 11.00 Introduction by Janna Saarela

11.00 – 11.30 Janna Saarela
Human immune disorders - from bed side to bench and back

11.30 – 12.00 Emma Haapaniemi
Improving HDR (homology-directed repair) -based genome editing

12.00 – 13.00 Lunch

Chair: Hartmut Luecke

13.00 – 13.30 Marieke Kuijjer
Using network models and computational tools to understand cancer

13.30 – 13.50 Ahmad Ali Ahmad (Sekulic group)
ENP-C changes histone H2A conformation to unwrap DNA on CENP-A nucleosome

13.50 – 14.10 Camila Esguerra
New insights into the early pathogenetic mechanisms underlying Dravet syndrome

14.10 – 14.40 Coffee break

Chair: Nikolina Sekulic

14.40 – 15.00 Marina Portantier (Lopez-Aviles group)
Connecting TORC1-PP2A signalling to the chromatin machinery

15.00 – 15.20 Javier Gutiérrez (Luecke group)
Compounds for reactivation of p53 tumor suppressor function in various cancers

15.20 – 15.40	Jaime Castro Mondragón (Mathelier group) <i>Combining transcriptional and post-transcriptional regulation to predict somatic mutations altering the gene regulatory program in cancer cells</i>
15.40 – 16.00	Preben Morth <i>eight years at NCMM</i>
16.00 – 18.30	Hike / free time (bus departing for the hike will leave at 16.10)
18.30 – 20.00	Poster session
20.00	Dinner

Thursday June 13, 2019

Chair: Marieke Kuijjer

09.00 – 09.20	Elif Köksal (Gözen group) <i>A nanotube-mediated path to protocell formation: a new hypothesis for the origins of life</i>
09.20 – 09.40	Artur Cieslar-Pobuda (Staerk group) <i>DNMT3B deficiency alters mitochondrial biogenesis and α-ketoglutarate levels in human embryonic stem cells</i>
09.40 – 10.00	Johannes Landskron (Screening Facility) <i>The Chemical Biology Platform at NCMM</i>
10.00 – 10.30	Coffee break

Chair: Sandra Lopez-Aviles

10.30 – 10.45	Marcella Orwick-Rydmark (Postdoctoral Fellow, UiO, Dirk Linke – Irep Gözen collaboration) <i>Investigations on molecular and mesoscale interactions between styrene maleic acid copolymers and lipid membranes for bio-applications</i>
10.45 – 11.00	Athanasios Saragliadis (Postdoctoral Fellow, UiO, Dirk Linke – Hartmut Luecke collaboration) <i>Inhibitor screening and structure-based drug discovery for targeted eradication of gastrointestinal bacteria</i>
11.00 – 11.15	Simona Chera (Associate Professor, UiB, collaboration with Irep Gözen) <i>Regulating cell-differentiation potential through mechanical forces and adhesion, factors affecting islet cell differentiation from iPSC</i>

11.15 – 12.50	Team building activity
12.50 – 13.00	Closing remarks
13.00	Lunch and departure