



Frontiers of Science

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SEMINAR DIARY

Spring 2020

**On Thursdays at 12.00**  
**in Presidentti auditorium, BioCity, Tykistökatu 6, Turku**

**Name and student number:**

**FRONTIERS OF SCIENCE SEMINARS ORGANISED BY**

Advanced Bioresources and Smart Bioproducts – Towards Sustainable Bioeconomy; Biomaterial and Medical Device Research Programme; Computational and Molecular Methodologies for Life Sciences; Diagnostic Technologies and Applications; Lifespan of Cardiovascular, Inflammatory, Endocrine & Metabolic Disorders - LIFESPAN; Receptor Programme; Translational Infectious Disease and Immunity Research Programme

Doctoral Programme in Biology, Geography and Geology (BGG, UTU)

Doctoral Programme of Clinical Investigation (CLIDP, UTU)

Doctoral Programme in Molecular Life Sciences (DPMLS, UTU)

Drug Research Doctoral Programme (DRDP, UTU)

Finnish Doctoral Program in Oral Sciences (FINDOS, UTU)

National Doctoral Programme in Informational and Structural Biology (ISB, ÅAU)

Turku Doctoral Programme in Molecular Biosciences (MolBio, ÅAU)

Turku Doctoral Programme of Molecular Medicine (TuDMM, UTU)

**January 30<sup>th</sup>**

**Prof. Philip Calder**, University of Southampton, UK

*Omega-3 polyunsaturated fatty acids and inflammatory processes: from the membrane to the nucleus and from the lab bench to the bedside*

Host: Kirsi Laitinen ([kirsi.laitinen@utu.fi](mailto:kirsi.laitinen@utu.fi))

Signature of coordinator: \_\_\_\_\_

**February 6<sup>th</sup>**

**Prof. Marco Foiani**, IFOM, The FIRC Institute of Molecular Oncology, Milan Italy &  
University of Milan, Italy

*Connecting cell metabolism with DNA Damage Response*

Host: Jukka Westermarck ([jukwes@utu.fi](mailto:jukwes@utu.fi))

Signature of coordinator: \_\_\_\_\_

**February 13<sup>th</sup>**

**Prof. Päivi Onkamo**, University of Turku

*Who were ancient Finns - where do we come from?*

Host: Jyrki Heino ([Jyrki.heino@utu.fi](mailto:Jyrki.heino@utu.fi))

Signature of coordinator: \_\_\_\_\_

**March 12<sup>th</sup>**

**Dr. Ricardo Henriques**, University College London, UK

*Democratising live-cell super-resolution microscopy enabled by open-source analytics in ImageJ*

Host: Guillaume Jacquemet ([guillaume.jacquemet@abo.fi](mailto:guillaume.jacquemet@abo.fi))

Signature of coordinator: \_\_\_\_\_

**March 19<sup>th</sup>**

**Prof. Mark Ansel** University of California San Francisco, USA

*RNA Regulation of Immune Responses*

Host: Riitta Lahesmaa ([rilahes@utu.fi](mailto:rilahes@utu.fi))

Signature of coordinator: \_\_\_\_\_

**March 19<sup>th</sup>**

**Dr. Mary Keir** Genentech, USA

*The immune response in inflammatory bowel disease*

Host: Riitta Lahesmaa ([rilahes@utu.fi](mailto:rilahes@utu.fi))

Signature of coordinator: \_\_\_\_\_

**March 26<sup>th</sup>**

**Prof. J. Ruud van Ommen**, Delft University of Technology, The Netherlands

*Atomic Layer Deposition on Particles: What is Different from Wafers?*

Host: Henrik Grénman ([henrik.grenman@abo.fi](mailto:henrik.grenman@abo.fi))

Signature of coordinator: \_\_\_\_\_

**April 16<sup>th</sup>**

**In Pharmacy auditorium**

**Prof. Alexander Bershadsky**, Mechanobiology Institute, National University of Singapore, Singapore and  
Department of Molecular Cell Biology, Weizmann Institute of Science, Israel

*Coordinated function of the cytoskeleton and Integrin-based adhesions in cell morphogenesis*

Host: Elnaz Fazeli ([elnfaz@utu.fi](mailto:elnfaz@utu.fi))

Signature of coordinator: \_\_\_\_\_

**April 23<sup>rd</sup>**

**Dr. Sara Sigismund**, European Institute of Oncology IRCCS and University of Milan, Italy

*EGFR signalling talks to mitochondria through contact sites*

Host: Johanna Ivaska ([johanna.ivaska@utu.fi](mailto:johanna.ivaska@utu.fi))

Signature of coordinator: \_\_\_\_\_

**April 23<sup>rd</sup>**

**Dr. Mark Daly**, Director, Institute of Molecular Medicine Finland FIMM, Finland

*FinnGen and the promise of genetics for therapeutics and personalized medicine*

Host: Jyrki Heino ([Jyrki.heino@utu.fi](mailto:Jyrki.heino@utu.fi))

Signature of coordinator: \_\_\_\_\_

**May 7<sup>th</sup>**

**Dr. Ana-Maria Lennon-Dumenil**, Institut Curie, Paris, France

*Dendritic cell migration at various scales*

Host: Pieta Mattila ([pieta.mattila@utu.fi](mailto:pieta.mattila@utu.fi))

Signature of coordinator: \_\_\_\_\_

**May 14<sup>th</sup>**

**Dr. Teng-Leong Chew**, Advanced Imaging Center, Janelia, USA

*Imaging Life with the Emerging Frontiers in Spatial and Temporal Resolution*

Host: Guillaume Jacquemet ([guillaume.jacquemet@abo.fi](mailto:guillaume.jacquemet@abo.fi))

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**BIOCITY TURKU**  
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**May 28<sup>th</sup>**

**Dr. Andrew Lichtman**, Harvard University, USA

*Regulation of Immune Responses in the Heart and Arteries*

Host: Sirpa Jalkanen ([sirjal@utu.fi](mailto:sirjal@utu.fi))

Signature of coordinator: \_\_\_\_\_