

online
Seminar

University Department of Rheumatology

Fibroblasts – from chromatin biology to therapy in autoimmunity and cancer

Friday, July 2nd, 2021, 16.00 – 18.40 CEST

In cooperation with

SKINTEGRITY.CH

An interdisciplinary panel of leaders in the fields of computational biology, single cell omics and fibroblast pathobiology in arthritis, fibrosis, and cancer will discuss the latest research into how discoveries about fibroblasts driven by single-cell omics and artificial intelligence are advancing pathobiology, patient stratification and therapies across arthritis, fibrosis and cancer.

- 16.00 h** **Welcome**
Oliver Distler, Zurich, Switzerland
- 16.10 h** **How advances in computational biology and single-cell omics can progress the biomedical research?**
Mark Robinson, Zurich, Switzerland
- 16.30 h** **Systemic fibrosis, fibroblasts: Machine learning – skin histology and gene expression for patient stratification**
Dana Orange, Rockefeller University, NY, USA
- 16.50 h** **Panel Discussion**
Moderated by Mojca Frank Bertoncelj, Zurich, Switzerland
- 17.05 h** Break
- 17.10 h** **Stromal cell activation in mouse and human arthritis – similarities and differences**
Marietta Armaka, Alexander Fleming BSRC, Greece
- 17.30 h** **Myofibroblasts – matrix mechanobiology, mechanotransduction and fibrosis**
Boris Hinz, University of Toronto, Canada
- 17.50 h** **Cancer and fibrosis – investigative chromatin biology and beyond**
Howard Y Chang, Stanford University, CA, USA
- 18.10 h** **Panel Discussion**
Moderated by Mojca Frank Bertoncelj, Zurich, Switzerland
- 18.30 h** **Summary and conclusion**
Caroline Ospelt, Zurich, Switzerland

Contact

Nicole Schneider
nicole.schneider@usz.ch
www.rheumatologie.usz.ch

[Link to more Information](#)

[Start Zoom Meeting](#)

Sponsors

