

Cancer Research Community Seminar Event on December 12th at 13.30-17

Medistudia auditorium 302

PROGRAMME

13.30–14.00 Coffee and poster exhibition (list of posters on next slide)

Presentations

Session 1. Chair Kirsi Ketola

14.00–14.15 **Einari Niskanen (UEF):** Mechanisms of anti-inflammatory glucocorticoid signaling

14.15–14.30 **Enkhzaya Batnasan (UEF):** Nuclear stress responses to cancer drug treatments in prostate cancer cells

14.30–14.45 **Jasmin Huttunen (UEF):** Inhibition of EP300 modulates steroid receptor action in prostate cancer cells

14.45–15.00 **Marjaana Häyrynen (OU, UEF):** Tumor RNA sequencing finds a poor prognosis group of MF patients.

A close correlation with histological findings

15.00–15.15 **Emma Valima (UEF):** SUMOylation inhibition potentiates glucocorticoid receptor to arrest the growth of acute lymphoblastic leukemia cells

15.15–15.45 Break and poster exhibition

Session 2. Chair Sanna Pasonen-Seppänen

15.45–16.00 **Kaisa Mäki-Mantila (UEF):** Tumor-promoting effects of M1 macrophage and cancer cell secreted extracellular vesicles in melanoma

16.00–16.15 **Heikki Kyykallio (UEF):** The potential of hyaluronan-coated extracellular vesicles in cancer targeting

16.15–16.30 **Mari Lahnalampi (UEF):** Characterization of leukemias at single cell level

16.30–16.45 **Antti Turunen (KUH):** Autograft cellular composition and outcome in hematological patients

16.45–17.00 Closing words

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Poster exhibition

Mari Lahnalampi (UEF): Dynamic evolution of TCF3-PBX1 leukemias at single-cell level under chemotherapy pressure

Konstantin Ivanov (UEF): Deep variational autoencoder modelling of multimodal single-cell data resolves molecular fingerprints of pre-leukemic states

Sanni Moisio (UEF): Genomic determinants of therapy response in ETV6-RUNX1 leukemia

Raju Gudhe (UEF): Breast cancer subtype classification using interpretable nuclei features derived from pathology slides

Minna Harmanen (UEF): Improved survival in patients with mantle cell lymphoma between 2000 to 2020 during the rituximab era

Kirsi Kainulainen (UEF): M1 macrophages induce pro-tumor inflammation in melanoma cells via TNFR–NF- κ B signaling

Roosa Kaarijärvi (UEF): DPYSL5 Promotes Cellular Stemness and Transdifferentiation and is Highly Expressed in treatment-induced Neuroendocrine Prostate Cancer

Heidi Kaljunen (UEF): Fanci is a master regulator of Fanconi anemia pathway in prostate cancer

Tea Metsävainio (UEF, KUH): Gynecological cancer and family-centered care

Tommi Patinen (UEF): Dissecting the protein interactome of wild type and lung cancer associated gain-of-function mutants of NRF2

Mauro Scaravilli (UEF): RNA-binding protein FUS/TLS regulates oncogenic gene fusion products in prostate cancer

Jouni Kujala (UEF): Circulating cell-free DNA reflects the evolution of metastatic breast cancer

UEF  **CANCER**

RESEARCH COMMUNITY