

Cancer Metabolism and Nutrition Symposium

17th and 18th October in Oulu

We are delighted to invite you to the upcoming joint symposium organized by the Finland-China Food and Health (FCFH) Network and the Fibrobesity Research Programme at the University of Oulu.

This event will provide an excellent opportunity for professionals and researchers to gather and exchange insights on the latest advancements in the fields of cancer and nutrition research. Welcome!

Time: 17th and 18th October 2024

Location: Lecture halls P117 & F202, University of Oulu, Aapistie 5, 90220 Oulu

Participation in scientific sessions is free of charge

However, please register – NOTE! Limited seats available for symposium Dinner for fastest registrants!

Registration link: <https://link.webropol.com/ep/NutritionCancerMetabolismRegistration>

Programme

Thursday 17th, venue: P117

Opening session

Chair: Aki Manninen

13:00-14:00 Registration & Coffee

14:00 - 14:10 Welcome words by the host

14:10 - 14:50 **Anne-Maria Pajari**, University of Helsinki: Molecular mechanisms of plant-based foods in the prevention of colorectal cancer

14:50 - 15:10 **Jussi Koivunen**, Director iCan North, University of Oulu: TBA

15:10 - 15:30 **Eija Pirinen**, University of Oulu: Metabolic profiling of human high-grade serous ovarian cancer tumors

15:30 - 15:50 **Sanna Iivanainen**, University of Oulu: TBA

15:50 – 16:15 **Open discussion:** Is nutrition only preventive or can it be a part of cancer management? How to study these links? - Business vs. healthcare – Microbiome and cancer?

18:00 - **Minisymposium dinner**

Friday 18th, venue: F202

Session 2

Chair: Zhi Jane Chen

08:30 - 09:00 Coffee & refreshments

09:00 - 9:40 **Juha Klefström**, University of Helsinki: Changing perception of the role of mitochondria in cancer metabolism – call MYC to power up mitochondrial respiration for cell growth

09:40 - 10:00 **Gong-Hong Wei**, Fudan Medical College, Shanghai University, CH: Systems profiling of cancer-relevant transcription factor networks

10:00 - 10:20 **Yang Li**, Harbin Medical University, CH: Applications of Raman Spectroscopy in Cancer Diagnosis

10:20 – 10:40 **Alexander Kastaniotis**, University of Oulu: Mitochondrial fatty acid synthesis and cancer cell metabolism

10:40 - 12:00 Lunch break

Session 3

Chair: Jian-An Huang

12:00 - 12:40 **Edwin Cheung**, University of Macau, CH: Transcriptional co-regulatory network in hormone-dependent cancers

12:40 - 13:00 **Xia Yang**, Southwest University, CH: Highly Sensitive SERS platform for analysis of hazardous molecules and nucleic acids

13:00 - 13:20 **Johnson Lok**, University of Eastern Finland: Non-alcoholic fatty liver disease (NAFLD), and the role of live biotherapeutics in NAFLD using preclinical models

13:20 - 14:00 **Jian-An Huang**, University of Oulu: Wearable plasmonic sensors for label-free detection of sweat glucose

14:00 - 14:10 **Closing words by Jian-An Huang**

For further information and contact for inquiries: aki.manninen@oulu.fi