

## **Foster your research**

*Increase the impact of your research using state-of-the-art research methods.*

**(lectures and round table discussions 0.5 ECTS + abstract 0.5 ECTS)**

**Time:** 6.5.2015, 9:00-17:00

**Place:** Osmo Järvi auditorium (Medisiina, Kiinamylynkatu 10, 20520 Turku)

**Organizers:** Turku Cancer Research Society, CREDE, TuDMM, DRDP

**Target audience:** Researchers, (under) graduate students

**Language:** English

**Format:** Lectures, round table discussions, written abstract

**Evaluation:** Passed-Failed, based on attendance

**More information:** jeroen.pouwels[at]btk.fi

**Registration:** <https://www.webropolsurveys.com/S/B0A2179B9AB4FF66.par>

Registration is required for the complementary lunch and the refreshments.

Deadline for registration & abstract submission is 14.4.2015.

### **Description**

**The Research Methodology Course provides an excellent opportunity to learn about the research expertise available in Turku and how it could benefit your own research.**

The speakers at the course will introduce a selection of state- of- the-art research methods available in the campus, with special focus on practical aspects, such as costs and (dis)advantages compared to other techniques, etc. After the lectures two round table sessions will be organized, in which participants have the opportunity to discuss with the experts and others about the applications of the methods in their own research (please select one or two during registration). Participants are encouraged to submit an abstract (0.5 ECTS), in which they summarize their current project and propose a (continuation of the) project using the chosen technique. These abstracts will be read by the experts and he or she will select one or more of these abstracts to be discussed during the round table discussion. The abstract should be concise (<250 words) and addressed to one of the speakers (have the name of the speaker in the file name).

## SEMINAR: Foster your research

*Increase the impact of your research using state-of-the-art research methods*

*Introduction to the use of the state of the art methodology available in our campus*

**May 6, 2015: 9.00-17.00**

Osmo Järvi -auditorium (Medisiina, Kiinamyllynkatu 10, 20520 Turku)

### PROGRAM:

TIME	ACTIVITIES AND TOPICS	SPEAKERS
9.00-9.30	Targeted proteomics	Petri Kouvonen
9.30-10.00	Cell migration / Invasion	Riina Kaukonen
10.00-10.30	3D cell cultures	Malin Åkerfelt
10.30-10.50	<i>Coffee break</i>	
10.50-11.20	Xenografts and patient derived xenografts (PDXs)	Johanna Tuomela
11.20-11.50	Gene modified mice as cancer models	Leena Strauss and Petra Sipilä
11.50-12.20	PET centre / <i>in vivo</i> imaging	Tove Grönroos
12.20-12.50	Tumor growth and metastasis using chicken eggs (chorioallantoic membrane assay)	Jenny Joutsen
12.50-13.50	<i>Lunch</i>	
13.50-14.20	Auria Biobank	TBA
14.20-14.50	RNA and DNaseq on FFPE samples	Juha Pursiheimo
14.50-15.20	Mass spectrometry on FFPE samples	Anne Rokka
15.20-15.30	<i>Wine and cheese + moving to the round table sessions</i>	
15.30-16.15	Round table session 1	
16.15-17.00	Round table session 2	

**Organizers:** Centre for Reproductive and Developmental Medicine (**CREDE**), Turku Doctoral Programme of Molecular Medicine (**TuDMM**), Drug Research Doctoral Programme (**DRDP**), **Turku Cancer Research Society**

**Target audience:** Researchers, (under) graduate students