PhD Position in Vascular and Tumor Biology University of Lausanne, Switzerland

Vascular and Tumor Biology Laboratory studies vascular specialization and the role of vessels in the regulation of tissue- and cancer-specific stem cells. We use normal intestine, colon cancer, adipose tissue and lymph node as model systems and we employ genetic animal models, coupled with ex-vivo analyses of stromal and cancer cells, tumor organoids and large-scale characterization of human tumors.

We seek to attract talented PhD students interested in understanding key biological process underlying formation and function of blood and lymphatic vessels. The selected candidate will work on a project investigating the communication of endothelial and perivascular cells during adipose tissue and tumor expansion.

PhD student profile
• M.Sc. in biology, biochemistry or closely related discipline
• Strong background in cell and molecular biology
• Interest in work with genetically modified animal models
• Curious, driven by the need to understand, and goal-oriented
• Good team spirit

We offer
• A 4-year PhD position in outstanding scientific environment of the Department of Oncology at UNIL and Ludwig Institute for Cancer Research
• Attractive salary according to Swiss National Foundation scale
• International, multilingual and multicultural environment

Applicants should send a CV, including the names and addresses of at least two referees, before March 15th 2020, to Dr. Tatiana Petrova Tatiana.petrova@unil.ch

Recent publications
• Hendriks, S. et al. Endothelial calcineurin signaling restrains metastatic outgrowth by regulating Bmp2. Cell Reports. 2019

Laboratory Vascular and tumor biology
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Ludwig Institute for Cancer Research Lausanne
http://www.unil.ch/deo/home/menuinst/research-activities.html