Laboratory of lymphatic and cancer bioengineering - **Swiss Federal Institute of Technology (EPFL)**

Lausanne – Switzerland

Field of activity of the research laboratory: Bioengineering and vaccine development

Name of researchers involved: Prof. Melody Swartz, head of laboratory
Various postdoctoral researchers (see website)

Languages spoken: English, some French

Our lab is focused on understanding the physiology and biology of interstitial and lymphatic transport: how it is actively regulated by cells, how it affects cancer metastasis and immune cell trafficking, and how it can be exploited for drug delivery. We aim to elucidate such functional biology by integrating in vivo, in vitro, and in silico approaches. In doing so, we are both uncovering new fundamental mechanisms of lymphatic and interstitial flow "mechanobiology", as well as describing new design principles for tissue engineering and drug delivery.

Visit the laboratory website
Popular Science article

Facilities available and accomodation:

http://dii.epfl.ch/page33420.html

The web page above also has a list of restaurants on campus (there are lots of them), with current menus. Apparently the staff in some of the cafeterias honor student IDs other than EPFL's and they get student prices. You will spend 15 francs per meal, on average. Two lunches will be provided by EPFL.

If you want to eat off campus, you can ask students in the lab. The M1 metro goes into downtown Lausanne where there are lots of options.

Working space for participants:

The campus has free wireless internet.

The actual arrangement of the working room in the laboratory is still to be decided. It will not be secure, so they should not leave material in the room.

Participants will need to provide their own laptops. If for some reason a student does not have a laptop, we may be able to arrange for a loaner.

Useful links:

Exact location of lab, transports maps and connections on Institute website