

Postdoc position in mass spectrometry/spectroscopy of biomolecules.

A postdoc position is opened for up to 2 years at LCPM, EPFL, Switzerland (group of Prof. O. Boyarkine). We use a combination of high-resolution mass spectrometry and cryogenic ion UV/IR laser spectroscopy (CRIS) to study structure and dynamics of biological molecules and their microsolvated clusters in the gas-phase. The invented by our group method of two-dimensional IR/UV-MS fingerprinting of cold biological ions focuses on analytical identification of drug molecules, peptides, sugars and lipids.

Qualified physical chemists with some experience in one or more of the fields, such as MS, molecular laser spectroscopy, HPLC, structural analysis of biomolecules and a good technical background are welcome to apply.

Interested candidates should contact Dr. Oleg Boyarkine (oleg.boiarkin@epfl.ch); tel.: +41 21 693 3038