

<b>Position</b>	<b>Bioinformatician with a focus on LC-MS-based proteomics &amp; metabolomics data analysis and integration of other omics data.</b>
<b>Job description</b>	The new position will strengthen the bioinformatics unit by facilitating and supporting the analysis of high throughput LC-MS data generated from various clinical research projects. You will be responsible for managing and processing mass spectrometry data sets generated by LC-MS or LC-MS/MS of different systems (QQQ, Orbitrap, Iontrap, QTOF). In addition, you will also participate in customizing data analysis workflows and you will aid in the development of new scientific approaches for interpretation, interrogation, and evaluation of complex data sets.
<b>Requirements</b>	<p>The ideal candidate has a PhD in bioinformatics, biology, computer science, or a related field with proven expertise in the management and analysis of mass spectrometry data sets. In particular, experience with interpretation of fragment spectra of peptides &amp; small molecules and mass spectrometry-based quantification principles is required. Very good skills with LINUX/UNIX operating systems are essential. Experience in pathway analyses or network modeling and knowledge of protein chemistry/biology will be considered as an advantage. Furthermore, a strong background in at least one scripting or programming language (Perl, Python, Java, C++) and experience with R/Bioconductor is mandatory.</p> <p>The ability to work independently and efficiently is a prerequisite, as is the ability to effectively interact with researchers from the Department of Clinical Research and with research groups from other faculties of the University in a team-oriented manner. English is essential, since this is the working language of the unit. Some knowledge of German is helpful but is not a prerequisite.</p>
<b>Employment</b>	Full-time position, funded by the Inselspital University Hospital, initially for 5 years. You will be employed by the DCR and supervised by the head of the interfaculty bioinformatics unit.
<b>Starting date</b>	March 2013, or upon negotiation
<b>How to apply</b>	If you are interested in this position, please send a short motivation letter, a full CV, including a list of publications, and the names of three referees in a single PDF file by February 3rd, 2013 to Silvia Rösselet ( <a href="mailto:silvia.roesselet@dkf.unibe.ch">silvia.roesselet@dkf.unibe.ch</a> ), Department of Clinical Research, University of Bern, Switzerland.
<b>Links to institutions:</b>	<a href="http://www.dkf.unibe.ch">http://www.dkf.unibe.ch</a> <a href="http://www.bioinformatics.unibe.ch">http://www.bioinformatics.unibe.ch</a>