

# Postdoc Position for Quantitative Plasma Proteomics Available at Boston Children's Hospital

A Postdoctoral position is available in the H. Steen lab (<http://www.childrenshospital.org/research/labs/steen-laboratory>) at Boston Children's Hospital with an academic appointment at Harvard Medical School. We are looking for a curious and motivated scientist with deep expertise in quantitative proteomics and interest in proteomics of primary body fluids (CSF, blood, urine, etc.) to work on NIH supported projects. The ultimate goal is to improve existing and develop new immune profiling methodologies and to apply them to a wide range of vaccinology and infectious disease contexts including COVID-19. A major part of the project will be focused on the analysis of 10,000 COVID-19 related plasma samples, which will be collected as part of the NIAID-funded IMPACC (IMMunoPhenotyping Assessment in a COVID-19 Cohort) study. The Steen Lab is responsible for the plasma proteomics effort of this study.

Candidates should have a recent Ph.D. in proteomics, biochemistry, analytical chemistry, or a related biomedical field with strong experience with quantitative mass spectrometry. Good grasp of (bio)statistics, bioinformatics and scripting with R, Python and/or Matlab are strongly recommended. Furthermore, ideal candidates will be energetic and passionate, with significant hands-on experience in mass spectrometry instrumentation and proteomic methods, and have an interest in working in a dynamic, diverse, and fast-paced environment.

The Steen lab, which is jointly run by Dr. Judith Steen, an Associate Professor of Neurology at Harvard Medical School, and Director of the Neuroproteomics Laboratory in the F.M. Kirby Neurobiology Center at Boston Children's Hospital, and by Dr. Hanno Steen Associate Professor of Pathology at Harvard Medical School and the Director of the Proteomics Center. The Steen lab currently houses one Q Exactive, one Q Exactive HF, two timsTOF Pros (one equipped with an Evosep ONE system), one QTRAP 5500 and one LC8060 triple quadrupole mass spectrometer from Shimadzu, plus the relevant off- and online peripherals. The Steen lab, which is also part of the Precision Vaccines Program at Boston Children's Hospital, is a highly collaborative and interactive group with numerous domestic, national and international collaborations, providing ample of opportunity for career development and networking.

The salary and benefits will be based on the NIH pay scale (commensurate with experience) and Boston Children's Hospital's policies, respectively. Fluent spoken English is a must for this position as well as a strong publication track record, and a collegial attitude.

Candidates should send cover letter, CV and the contact information for at least three letters of reference to Dr. Hanno Steen ([Hanno.steen@childrens.harvard.edu](mailto:Hanno.steen@childrens.harvard.edu)).

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