

The Paul Scherrer Institute PSI is the largest research institute for natural and engineering sciences within Switzerland. We perform cutting-edge research in the fields of matter and materials, energy and environment and human health. By performing fundamental and applied research, we work on sustainable solutions for major challenges facing society, science and economy. PSI is committed to the training of future generations. Therefore, about one quarter of our staff are post-docs, post-graduates or apprentices. Altogether, PSI employs 2100 people.

For the Radionuclide Chemistry Group we are looking for a

## PhD Student

### Your tasks

You will work on an interdisciplinary project in cancer research. A particular focus will be the evaluation and investigation of radiolabeled small molecules for tumor-targeted radionuclide therapy using established, as well as new, in vitro and in vivo techniques. For this purpose, commercial and in-house produced radionuclides will be employed. An important task will be the investigation and mechanistic understanding of a recently-developed new class of folate ligands, which specifically accumulate in tumor types that express the folate receptor. The PhD project will be performed at PSI with Graduation from ETH Zurich.

### Your profile

You have completed a Master- or Diploma thesis in biology, biochemistry, pharmaceutical sciences, life sciences or an equivalent field. We seek a talented and ambitious student who is highly motivated to work on this competitive project in a well-established research team. Fluent English in spoken and written language is mandatory. Candidates with knowledge of the German language or willingness to learn German will be preferred. It is desirable, but not a precondition, that the candidate has experience in preclinical research, including cell culture and animal experimentation.

### We offer

Our institution is based on an interdisciplinary, innovative and dynamic collaboration. You will profit from a systematic training on the job, in addition to personal development possibilities and our pronounced vocational training culture. If you wish to optimally combine work and family life or other personal interests, we are able to support you with our modern employment conditions and the on-site infrastructure.

For further information, please contact PD Dr. Cristina Müller, phone +41 56 310 44 54.

Please submit your application online by

**16 February 2020**

(including addresses of referees) for the position as a PhD Student (index no. 2211-00).

Paul Scherrer Institut, Human Resources Management, Silja Giacomini-Diebold, 5232 Villigen PSI, Switzerland

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