The Faculty of Medicine of the University of Zurich invites applications for the following academic position:

**Professorship for Machine Learning in Precision Medicine**

(Joint Affiliation with the Faculty of Sciences)

The assistant professorship with tenure track or tenured professorship at the newly founded Institute for Quantitative Biomedicine starts February 1, 2020. The position will be affiliated with the University Hospital Zurich in order to facilitate transition of machine learning approaches into applications in precision medicine. The professorship covers a wide range of methodological expertise and promotes medical informatics in teaching and research.

The successful applicant will demonstrate expertise in both theory and application of machine learning methods and related computational methods in (bio)medicine with a clear focus on research questions relevant to precision medicine, such as the analysis of data obtained from imaging modalities, or identification of associations between molecular and clinical data. Interdisciplinary cooperation with members of the newly established consortium The Loop Zurich and active participation to the Digital Society Initiative of the University of Zurich is expected.

Applicants are required to have an excellent academic performance according to their academic age. Your research activity has the potential to exert a major influence on your research field and is supported by the successful acquisition of competitive third-party funding. We seek applicants with a genuine interest in establishing and maintaining interdisciplinary research collaborations and we expect strong interest in modern teaching methods and promotion of junior scientists in their academic careers. Key personality traits are excellent social skills and an open, cooperative personality.

The University of Zurich and the University Hospital Zurich are equal opportunity employers. The Faculty of Medicine implements specific measures in the selection process to increase the proportion of women with faculty positions.

Applications should be submitted at [https://www.recruiting.med.uzh.ch/position/21594112](https://www.recruiting.med.uzh.ch/position/21594112) by **May 13, 2019**. Applications by mail or e-mail will not be considered. For additional information, please contact the co-president of the search committee, Prof. Dr. rer. nat. Torsten Hothorn, phone +41 44 634 48 17, e-mail: torsten.hothorn@uzh.ch.