ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Animal Genomics
Institute of Agricultural Science

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The **Animal Genomics** group at the Institute of Agricultural Sciences, ETH Zürich, invites applications for a highly motivated

Postdoctoral fellow in Statistical Genomics (50-100%)

We offer an opportunity to join our young and dynamic team to carry out innovative research in the field of statistical livestock genomics. The overall research of the Animal Genomics group aims towards a better understanding of sequence variation at population-scale, the functional and biological interpretation of trait-associated sequence variation and their integration into animal improvement programs. The postdoc will lead research and publication in the domain of statistical livestock genomics including e.g., imputing sequence variant genotypes, sequence-based association testing and genomic prediction or genome assembly. The postdoc is expected to collaborate with PhD students and contribute to the realization of projects within the group. Scientific writing and active participation at international scientific conferences is very much supported. We seek candidates who are experienced in analyzing large polymorphism data and have an affinity to computational genomics.

The advertised position is available from June 2018 but the exact starting date can be negotiated. The salary and social benefits are internationally highly competitive and will be provided according to ETH Zurich rules. The position is available for two years with options for extension. ETH Zürich is a top-ranked university with outstanding research infrastructure and the city of Zürich has been consistently ranked as one of the top cities worldwide for quality of life.

The successful candidate must hold a Ph.D. in a topic related to the advertised position. The research will require strong quantitative genetics and computational skills, with a particular emphasis on using high-performance computing. The postdoc should have a record of accomplishments in conducting research and publishing in scientific journals. Strong collaborative skills and a good English level is required.

We look forward to receiving your application including a cover letter that clearly states your research interests and demonstrates your motivation and suitability for the position, a CV including a list of publications and achievements and contact information of two references until May 18, 2018.

For further information regarding the advertised position, our research interests or about ETH Zürich in general, please visit our website (http://www.ag.ethz.ch) or contact Prof. Hubert Pausch at hubert.pausch@usys.ethz.ch (no applications).

Please submit your application online (https://apply.refline.ch/845721/6144/pub/1/index.html) with attention to: ETH Zürich, Hubert Pausch, CH-8315 Lindau. Applications via e-mail or postal services will not be considered.