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Prof. Dr. Rupert Bruckmaier, Dr. Josef Gross
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<http://www.vetphysio.unibe.ch>

Roughage based feeding without concentrate supplementation in dairy cattle: eligibility for sustainable dairy farming

Ph.D. Position (100%)

Responsibilities

The Hans Sigrist Foundation Fellow (Ph.D. Fellowship, 3 years, <http://www.sigrist.unibe.ch>) will carry out research in the field of roughage based and sustainable dairy cow farming. Under the guidance of Prof. Rupert Bruckmaier and Dr. Josef Gross, the fellow will conduct a Ph.D. project which comprises experiments with dairy cows, laboratory analyses, mathematical and statistical evaluations, and preparing manuscripts for publication in international peer-reviewed journals. The focus of the project is the suitability of exclusive roughage feeding in animals under different genetic and environmental conditions.

Requirements

The successful candidate holds a Master's degree or equivalent in Veterinary Science, Animal Science, or Biology. In her or his previous academic education, she or he has shown special interest in research related to farm animals.

Strong language skills (German, French and English) and social competence to work with farmers, and concomitantly with international scientists are expected. The candidate will enroll in the Ph.D. program of the Graduate School of Cellular and Biomedical Sciences (GCB) of the University of Bern (www.gcb.unibe.ch).

Further information

The 100% position is funded for three years through the Hans Sigrist Foundation from January 1, 2019 (start date negotiable).

The salary will match the current base salary paid by the Swiss National Science Foundation for PhD candidates (around 50'000 CHF per year). Adequate work space and equipment for animal and laboratory work, as well as computer infrastructure will be provided.

Informal enquiries about the position should be addressed to rupert.bruckmaier@vetsuisse.unibe.ch. Applications in German or English (one PDF including C.V., letter of motivation, credentials and certificates) should be sent via e-mail to rupert.bruckmaier@vetsuisse.unibe.ch by September 30, 2018.

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