

Bern, 23 January 2017

## **PhD Thesis in Molecular Bacteriology**

The Institute of Veterinary Bacteriology, Vetsuisse Faculty, of the University of Bern has an open position for a PhD thesis in Molecular Bacterial Epidemiology and Infectiology to study the

### **„Genetic background of resistance and virulence in *Brachyspira*”**

Swine dysentery (SD) is a serious intestinal disease in pigs caused by *Brachyspira hyodysenteriae* and very few is known about the genetic background of this pathogenic bacteria. The candidate should be familiar with genome analysis, molecular biology, gene expression and protein analysis.

The duration will be three years, beginning in March 2017 or by agreement.

Please send application letter and CV by e-mail to [vincent.perreten@vetsuisse.unibe.ch](mailto:vincent.perreten@vetsuisse.unibe.ch)