

# ANIMAL PHYSIOLOGY

Understanding the physiology of farm animals in order to provide healthy livestock for sustainable agriculture.



## **Research Areas**

- Female reproductive biology;
- Maternal effects on postnatal development;
- Endocrine disrupting chemicals, epigenetics and reproduction;
- Extracellular vesicles in the mammary gland;
- Animal ethology, behavior and welfare.

## Regions

Europe, Australia, and Canada.

#### Partners

Vetsuisse Zurich-Bern; TU München; Ludwig-Maximilians-Universität München, Institute for Zoo and Wildlife Research Berlin (IZW); National Institute for Agricultural Research (INRA); Polish Academy of Sciences (PAN); Universities of Adelaide and Melbourne; Université de Montreal; and The Hebrew University of Jerusalem.

### Contact

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## **Contribution to the WFSC**

How healthy are our farm animals and how do they stay healthy in the long term? The group of Animal Physiology investigates these questions by combining agricultural sciences, biology, medicine and veterinary medicine. Farm animals are an essential part of the food value chain. They make a major contribution to food security in Switzerland and around the world and secure the livelihood of the population, especially in rural areas. We want to better understand the physiology of the animals so that we can assign healthy livestock their adequate place in a sustainable agriculture.



Prof. Susanne E. Ulbrich

