

ISABELLA LORENZINI

Dr. med. vet.

ACADEMIC AND RESEARCH POSITIONS

Since 07/2025

Group Leader – Animal Behaviour and Animal Welfare

Institute of Animal Husbandry, Animal Nutrition and Feed Management,
Bavarian State Research Center for Agriculture (LfL), Germany

Research topics include:

- interactions between housing environment, behaviour and physiology in dairy cattle
- development of animal-friendly housing systems based on behavioural indicators
- evaluation of sensor systems for automated monitoring of behavioural and performance data

Since 12/2025

Project Leader – DigiMilchPro Experimental Field

Experimental field project focusing on the use of digital technologies to improve animal welfare and farm and pasture management in dairy production.

Institute of Animal Husbandry, Animal Nutrition and Feed Management,
Bavarian State Research Center for Agriculture (LfL)

11/2019 – 2025

Project Manager – DigiMilch Experimental Field

Project on digitalisation in the dairy production chain.

Institute of Agricultural Engineering and Animal Husbandry, Bavarian State Research Center for Agriculture.

09/2016 – 11/2019

Research Associate and doctoral Candidate

Institute of Agricultural Engineering and Animal Husbandry, Bavarian State Research Center for Agriculture (LfL)

Chair of Animal Welfare, Ethology, Animal Hygiene and Husbandry
Ludwig-Maximilians-University Munich

Research focus: automatic lameness detection in dairy cows based on behavioural and performance data.

VETERINARY CLINICAL EXPERIENCE

Since 09/2025

Veterinarian (part-time)

Veterinary practice Fritz Falkenberg

Clinical work with dairy cattle and companion animals.

2023 – 2025

Veterinarian (observership)

Veterinary practice Königsdorf

Clinical work with dairy cattle.

2013-2015

Clinical Placements (veterinary training)

Veterinary practices and veterinary institutes in France, United Kingdom, Italy and Germany.

Training in small animal medicine, bovine reproduction, herd health management and veterinary pathology.

EDUCATION

2016 – 2019

Doctorate (Dr. med. vet.)

Ludwig-Maximilians-University Munich

Bavarian State Research Center for Agriculture

Dissertation:

Analysis of claw health, performance and behavioural parameters of Simmental cows on commercial dairy farms for implementation of a lameness prediction model

Grade: magna cum laude

2010 – 2016

Degree in Veterinary Medicine

Ludwig-Maximilians-University Munich

Final grade: 2.6

2005 – 2010

Liceo Classico “G. Carducci”, Bolzano (Italy)

High school diploma (Maturità)

Final grade: 100/100