

The Research Institute of Organic Agriculture (FiBL) is one of the world's leading research and information centres for organic agriculture. To strengthen our Plant Breeding team, we are seeking by 1st of April 2021 or upon agreement a

Scientist – Plant-Microbiome Interactions (80 – 100%)

The Plant Breeding group aims to advance sustainable crop production by exploiting microbiome-mediated disease resistance. The offered position is directly linked to the ongoing project [AGRIBIOME](#), in collaboration with KWS AG, the Molecular Plant Breeding group and the Sustainable Agroecosystems group at ETH Zurich.

Job description:

- Identify microbial and plant genetic markers that regulate microbiome-mediated disease resistance
- Establish a new generation of plant probiotics that enhance crop resilience
- Develop strategies to exploit plant-microbe interactions in holobiont-based breeding programmes
- Co-supervise MSc and PhD students supporting molecular and microbiological work in the lab and the field
- Significantly advance this research field via high-quality publications, acquisition of research funds and impact-related contributions, never losing sight of practical applications in plant breeding

Your profile:

- PhD degree in Agricultural or Biological Sciences
- Proven track-record in the area plant-microbiome interactions
- Experiences with taxonomic and/or functional profiling of microbial communities via NGS technologies and biostatistics are mandatory
- Competencies in phytopathology and plant genetics including GWAS and genomic selection are advantageous
- Excellent organisation and communication skills, proficiency in written and oral English, high self-motivation and the ability to work both independently and as a team player in a multi-disciplinary, international research environment

We offer:

- A permanent position based in Frick, Switzerland
- An inspiring work environment and career development opportunities
- The opportunity to work within an international group
- Attractive contractual terms and remuneration

Interested? If you have any questions, please contact Dr. Pierre Hohmann, +41 (0)62 865 0476, pierre.hohmann@fibl.org.

Please submit your electronic application (motivation letter, CV, publication list and referees contact details) until **February 28, 2021** to bewerbung@fibl.org.