

MOLECULAR PLANT BREEDING

Using to molecular breeding tools to achieve the success of traditional crop breeding, but more efficiently.



Research Areas

- Molecular biology;
- Genetics and genomics;
- Molecular breeding;
- Reproduction biology.

Regions

Arable and grasslands in Switzerland, Europe, and temperate regions worldwide.

Partners

Agroscope and many other national and international institutions involved in pland breeding research.

Contact

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www.mpb.ethz.ch → www.twitter.com/MolecPlantBreed →

Contribution to the WFSC

The Molecular Plant Breeding Group aims at developing molecular methods and techniques to understand the genetic composition of complex traits and applying this knowledge to plant breeding, supporting the development of new cultivars with novel traits that can contribute to sustainable agriculture in Switzerland and worldwide. The group focuses on crop species, particularly forage and horticultural crops, and the use of various genotyping and sequencing technologies as well as bioinformatics approaches for genome analysis and breeding applications.



Prof. Bruno Studer

