



DR. BEAT KELLER

Molecular Diversity in the Resistance Interactions of Wheat and its Fungal Pathogens

The resistance of wheat against biotrophic fungal pathogens depends on a variety of molecular mechanisms. Similarly, the pathogen effectors recognized by host receptors reveal a large diversity. I will describe our molecular analysis of resistance mechanisms and diversity in the gene pool of wheat and its pathogens.

Fall 2021 PSLA

LECTURE

SERIES

October 18, 2021

**Seminar takes place
live via [UMD Zoom](#)**

Time:

12PM

**Graduate student
lunch w/ speaker**

1PM

PLSC RM 2107/2109

Dr. Keller received his PhD from the University of Basel and was later a postdoctoral fellow at the Salk Institute. He then built a research group in wheat biotechnology and later became professor for plant molecular biology at the University of Zurich in 1997. Dr. Keller has led several large research consortia in Switzerland and was an ERC Advanced Investigator grant holder. He is a member of the German Academy of Sciences Leopoldina and a member of the Research Council of the Swiss National Science Foundation.



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