



BRANDE WULFF

Understanding and exploiting immune receptors in wheat and their wild relatives

Genetic diversity for disease resistance has been eroded in bread wheat through polyploidisation, domestication and breeding. I will present our technologies and resources for high-throughput identification of disease resistance genes in wild wheat relatives, and the deployment of this lost diversity back into wheat.

Brande Wulff is a Group Leader in the John Innes Centre, UK. Brande combines phenotyping, sequencing and genetic structures to identify immune receptors from wild grasses controlling resistance to major diseases of wheat, in particular stem rust, Septoria and blast, with the long-term view of engineering this resistance into wheat.

Fall 2020 PSLA

LECTURE

SERIES

October 26, 2020

**SEMINAR takes place
live via**

[UMD Zoom](#)

Time:

12PM