

**Plant Breeding Institute**

Director: Prof. Dr. Christian Jung

Am Botanischen Garten 1 - 9, 24118 Kiel Tel. 0431 880-7364 Fax: 0431 880-2566

www.plantbreeding.uni-kiel.de



## Recent Progress in Plant Breeding and Genome Research (agrigr018)

*Literature club: Current trends in plant breeding and genome research*

Summer semester 2021

Time: Friday, 08.30 – 09.15

Location: Online seminar

23.04.2021	Avneesh Kumar	Walkowiak et al. (2020) Multiple wheat genomes reveal global variation in modern breeding. <i>Nature</i> 588
30.04.2021	Kea Ille	Liu et al. (2021) Enhancing grain-yield-related traits by CRISPR–Cas9 promoter editing of maize CLE genes. <i>Nature Plants</i> 7: 287
07.05.2021	Ehsan Fatemi	Lamers et al. (2020) How Plants Sense and Respond to Stressful Environments. <i>Plant Physiology</i> 182: 1624
14.05.2021	Prof. Christian Jung	Borrenpohl et al. (2020) The value of early-stage phenotyping for wheat breeding in the age of genomic selection. <i>TAG</i> 133: 2499
21.05.2021	Dr. Siegbert Melzer	Wu et al. (2020) WUSCHEL triggers innate antiviral immunity in plant stem cells. <i>Science</i> 370: 227
28.05.2021	Amar Dhiman	Jayakodi et al. (2020) The barley pan-genome reveals the hidden legacy of mutation breeding. <i>Nature</i> 588
04.06.2021	Dr. Hans Harloff	Gupta et al. (2020) The physiology of plant responses to drought. <i>Science</i> 368: 266
11.06.2021	Srijan Jhingan	Torti et al. (2021) Transient reprogramming of crop plants for agronomic performance. <i>Nature Plants</i> 7: 159
18.06.2021	Annika Schildberg	Yu et al. (2021) A route to de novo domestication of wild allotetraploid rice. <i>Cell</i> 184: 1156
25.06.2021	Dr. Nazgol Emrani	TBA
02.07.2021	Nathaly Maldonado	Schiavinato et al. (2021) Subgenome evolution in allotetraploid plants. <i>Plant J</i> doi: 10.1111/tpj.15190
09.07.2021		

Guests are welcome!

Prof. Dr. Christian Jung and Dr. Siegbert Melzer