

Institut für Pflanzenbau und Pflanzenzüchtung

Direktor: 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 and AEF-agrigr008)

Plant breeding research and crop genome analysis

Summer semester 2021

Time: Tuesday, 15.15 – 16.45
 Location: Online

20.04.2021	Dr. Nirosha L. Karunarathna	Present progress and future prospects: functional analysis of <i>BnSFAR</i> genes for breeding oilseed rape (<i>Brassica napus</i>) with higher oil content
29.04.2021 Thursday	Dr. Hans Harloff	The rapeseed EMS population as a mutant resource for the future
04.05.2021	Srijan Jhingan	Functional analysis and mutagenesis of glucosinolate synthesis genes for breeding oilseed rape (<i>B. napus</i>) with lower glucosinolate content
11.05.2021	Abhishek Gogna	Master thesis: Incomplete dominance of deleterious alleles contributes to trait variation and heterosis in wheat
18.05.2021	Amar Singh Dhiman	Genetic analysis of <i>Cercospora</i> leaf spot resistance in the species of genus <i>Beta</i>
25.05.2021	Ehsan Fatemi	Molecular investigations of root-lesion nematode resistance in cereals
01.06.2021	Prof. Dr. Christian Jung	Functional analysis of the <i>Hs4</i> gene for nematode resistance
08.06.2021	Kea Ille	Flowering time analysis and targeted gene editing in sugar beet by CRISPR-Cas9
15.06.2021	Dr. Siegbert Melzer	The vernalization response in crops
22.06.2021	Ahmad Fardin Malikzai	Master thesis: Quantification of root-lesion nematodes in 125 barley accessions using RT-qPCR and <i>Hs4</i> functional analysis in <i>Arabidopsis</i>
29.06.2021	Veronika Kucherova	Master thesis: Exploring the effect of the <i>Ddw1</i> gene on RSA (root system architecture) using high-throughput screening system at early stages of rye development
06.07.2021	Yao Chen	Master thesis: Genetic analysis of <i>BnNST1</i> CRISPR-Cas9 mutants
	Nathaly Maldonado	Identification of agronomically important QTL in quinoa and their application in practical quinoa breeding

Guests are welcome!

Prof. Dr. Christian Jung and Dr. Nirosha L. Karunarathna