

## 2020

Książkiewicz M., Wójcik K., Irzykowski W., Bielski W., Rychel S., **Kaczmarek J.**, Plewiński P., Rudy E., Jędrzycka M. (2019) Validation of *Diaporthe toxica* resistance markers in European *Lupinus angustifolius* germplasm and identification of novel resistance donors for marker-assisted selection. *Journal of Applied Genetics* 61: 1–12. <https://doi.org/10.1007/s13353-019-00521-y>

Czubatka-Bieńkowska A., **Kaczmarek J.**, Marzec-Schmidt K., Nieróbca A., Czajka A., Jędrzycka M. (2020) Country-wide qPCR based assessment of *Plasmodiophora brassicae* spread in agricultural soils in Poland and recommendations for the cultivation of *Brassicaceae* crops. *Pathogens* 9: 1070. <https://doi.org/10.3390/pathogens9121070>

## 2021

Brachaczek A., **Kaczmarek J.**, Jędrzycka M. (2021). Warm and wet autumns favour yield losses of oilseed rape caused by Phoma stem canker. *Agronomy* 11(6):1171. DOI 10.3390/agronomy11061171.

<https://doi.org/10.3390/agronomy11061171>

## 2022

Piasecka A., Sawikowska A., Witaszak N., Waskiewicz A., Kanczurzevska M., **Kaczmarek J.**, Lalak-Kanczugowska J. (2022). Metabolomic aspects of conservative and resistance-related elements of response to *Fusarium culmorum* in the Grass family. *Cells* 11, 20: 3213, <https://doi.org/10.3390/cells11203213>

Frac M., **Kaczmarek J.**, Jędrzycka M. (2022). Metabolic capacity differentiates *Plenodomus lingam* from *P. biglobosus* subclade 'brassicae', the causal agents of Phoma leaf spotting and stem canker of oilseed rape (*Brassica napus*) in agricultural ecosystems. *Pathogens* 11, 1: 50, 10.3390/pathogens11010050. <https://doi.org/10.3390/pathogens11010050>

Zamani-Noor N., Wallenhammar A-Ch., **Kaczmarek J.**, Patar U.R., Zouhar M., Manasova M., Jędrzycka M. (2022). Pathotype characterization of *Plasmodiophora brassicae*, the cause of clubroot in Central Europe and Sweden (2016–2020). *Pathogens* 11(12): 1440, 10.3390/pathogens11121440. <https://doi.org/10.3390/pathogens11121440>

Szwarc J., Niemann J., **Kaczmarek J.**, Bocianowski J., Weigt D. (2022). Genetic relationship of *Brassicaceae* hybrids with various resistance to blackleg is disclosed by the use of molecular markers. *Current Issues in Molecular Biology* 44, 9: 4290-4302, 10.3390/cimb44090295. <https://doi.org/10.3390/cimb44090295>

Szwarc J., Niemann J., **Kaczmarek J.**, Majka J., Bocianowski J. (2022). Novel Brassica hybrids with different resistance to *Leptosphaeria maculans* reveal unbalanced rDNA signal patterns. *Open Life Sciences* 17(1): 293-301. <https://doi.org/10.1515/biol-2022-0032>