Dr. Nikoletta Jaksa-Czotter

research fellow, PhD
molecular biologist

Genomics Research Group
Department of Plant Pathology
Institute of Plant Protection

Contact:

E-mail: Jaksa-Czotter.Nikoletta@uni-mate.hu
Tel.: 36-28-526-140
Gödöllő
Szent-Györgyi Albert street 4, 113. room

Address:

Genomics Research Group
MATE, Plant Protection Institute
2100, Gödöllő
Szent-Györgyi Albert street 4.

Postal address:

Genomics Research Group
MATE, Plant Protection Institute
2100, Gödöllő
Szent-Györgyi Albert street 4.

Research Interest:

In her scientific research she is focused on molecular virology, high-throughput sequencing-based virus diagnostic methods and investigation of molecular mechanisms during RNA interference based antiviral defence.

Main research projects:

- Characterization of grapevine infecting viruses,
- monitoring of different grapevine sanitation methods (NKFIH K131685)
- Survey of fruit tree infecting viruses in Hungary using high-throughput sequencing,
- monitoring of different fruit tree sanitation methods,
- investigating causative agents of fruit tree decline,
- investigation of effect of phytoplasma infection on RNAi based host gene expression regulation (NKFIH K127981)

- Investigation of complex virus infection on the RNAi base defence reactions of woody plant hosts (NKFIH K K134895)
- Investigation of the effect of temperature on the RNAi base defence reactions of woody plants and model organisms (NKFIH PD137621)
- Description and investigation of small fruit infecting viruses using high-throughput sequencing techniques (Hungarian-Sloven TET Bilateral)
- Investigation of virus infection and possible virus reservoir role of endemic and invasive weeds

Publication and scientometrics:

MTMT: https://m2.mtmt.hu/api/author/10049723

ResearchGate: https://www.researchgate.net/profile/Nikoletta-Jaksa-Czotter/research