

Dr. Éva Várallyay

Scientific advisor, DSc
molecular biologist

Genomics Research Group
Department of Plant Pathology
Institute of Plant Protection

Contact:

E-mail: Varallyay.Eva@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.

University courses:

MSc courses:

Applied Plant Biotechnology and resistance breeding

PhD courses:

Virus genetics and diagnostics - NVVED091N

Regulatory small RNAs in plants - SDINTD8_056

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 based defence reactions of woody plant hosts (NKFIH K K134895)
- Investigation of the effect of temperature on the RNAi based 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:

<https://orcid.org/0000-0002-9085-942X>

MTMT: <https://m2.mtmt.hu/api/author/10001315>

Országos Doktori Tanács:

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=8557

ResearchGate: <https://www.researchgate.net/profile/Eva-Varallyay/research>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=8559964400>

Publon: <https://publons.com/researcher/1312784/eva-varallyay/>