

Dr Mladen Petreš, naučni saradnik

Uža naučna oblast: Fitopatologija

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Obrazovanje

- **Osnovne akademske studije:** 2013 – Univerzitet u Novom Sadu, Poljoprivredni fakultet, studijski program – fitomedicina
- **Master akademske studije:** 2014 - Univerzitet u Novom Sadu, Poljoprivredni fakultet, studijski program – fitomedicina
- **Doktorske akademske studije:** 2022 - Univerzitet u Novom Sadu, Poljoprivredni fakultet, studijski program – agronomija

Odabrane publikacije

1. Petreš M., Hrustić J., Vučinić N., Ma L-J., Ayhan D.H., Grahovac M. (2023): Genome Sequence Resource of *Fusarium graminearum* TaB10 and *Fusarium avenaceum* KA13, Causal Agents of Stored Apple Rot. *Molecular Plant-Microbe Interactions* 36(1): 64-67. <https://doi.org/10.1094/MPMI-03-22-0069-A>
2. Vukotić, J., Stojšin, V., Nagl, N., **Petreš, M.**, Hrustić, J., Grahovac, M., Tanović, B. (2022): Morphological, Molecular, and Pathogenic Characterization of *Neofabraea alba*, a Postharvest Pathogen of Apple in Serbia. *Agronomy*, 12 (9), 2015. <https://doi.org/10.3390/agronomy12092015>
3. Savić, Z., Dudaš, T., Loc, M., Grahovac, M., Budakov, D., Jajić, I., Krstović, S., Barošević, T., Krska, R., Sulyok, M., Stojšin, V., **Petreš, M.**, Stankov, A., Medić, J., Bagi, F. (2020): Biological Control of Aflatoxin in Maize Grown in Serbia. *Toxins*, 12 (3), 162. <https://doi.org/10.3390/toxins12030162>
4. **Petreš, M.**, Kalajdžić, J., Milić, B., Magazin, N., Stankov, A., Medić, J., Grahovac, M. (2020): Effect of hot water treatments on apple fruit rot caused by *Fusarium* sp. *Journal of Plant Diseases and Protection*, 127: 651–655. <https://doi.org/10.1007/s41348-020-00302-4>
5. Tarlanović, J., Grahovac, M., Milić, B., Magazin, N., Keserović, Z., **Petreš, M.**, Miodragović, M. (2017): Effect of Storage Conditions on Virulence of *Fusarium avenaceum* and *Alternaria alternata* on Apple Fruits, *Journal of Phytopathology*, 165 (9): 595-601. <https://doi.org/10.1111/jph.12597>
6. Kalajdžić, J., Milić, B., **Petreš, M.**, Stankov, A., Grahovac, M., Magazin, N., Keserović, Z. (2019): Postharvest quality of sweet cherry fruits as affected by bioregulators, *Acta Scientiarum Polonorum Hortorum Cultus*, 18 (5): 189-199. <https://doi.org/10.24326/asphc.2019.5.19>
7. Kalajdžić, J., **Petreš, M.**, Grahovac, M., Milić, B., Magazin, N., Hrustić, J., Mihajlović, M. (2018): Effect of 1-MCP and dynamic controlled atmosphere on apple fruit rot caused by *Fusarium avenaceum*, *Pesticidi i fitomedicina*, 2 (33): 109-117. <https://doi.org/10.2298/PIF1802109T>

Odabrani projekti

1. „Razvoj integrisanih sistema upravljanja štetnim organizmima u biljnoj proizvodnji sa ciljem revazilaženja rezistentnosti i unapređenja kvaliteta i bezbednosti hrane“ broj III46008. Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije. 2010 – 2018. (Učesnik)
2. „Primena sredstava za zaštitu bilja – Podrška proizvodnji bezbedne hrane u proizvodnji voća (jabuka, kruška, malina, jagoda) i povrća (u zatvorenom prostoru i u polju: paradajz, paprika, spanać) – efikasnost i ostaci“ broj 321-01-00881/2018-11. Ministarstvo poljoprivrede, šumarstva i vodoprivrede Republike Srbije. 2018. (Učesnik)

Akadske aktivnosti

Izvođenje vežbi pod mentorstvom na predmetima iz uže naučne oblasti Fitopatologija na osnovnim akademskim studijama.

Članstvo u udruženjima

Društvo za zaštitu bilja Srbije.

Ostalo

Alumni Fulbrajt programa, Visiting Researcher na Univerzitetu Masačusets, Amherst, SAD.

Član organizacionog odbora 41. i 42. smotre studenata poljoprivrede i veterinarske medicine sa međunarodnim učešćem, Univerzitet u Novom Sadu, Poljoprivredni fakultet.

Mladen Petreš, PhD, Research Associate

Field of research: Plant Pathology

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Education

- **Undergraduate (BSc):** 2013 – University of Novi Sad, Faculty of Agriculture
- **Graduate (MSc):** 2014 - University of Novi Sad, Faculty of Agriculture
- **PhD:** 2022 - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Petreš M., Hrustić J., Vučinić N., Ma L-J., Ayhan D.H., Grahovac M. (2023): Genome Sequence Resource of *Fusarium graminearum* TaB10 and *Fusarium avenaceum* KA13, Causal Agents of Stored Apple Rot. *Molecular Plant-Microbe Interactions* 36(1): 64-67. <https://doi.org/10.1094/MPMI-03-22-0069-A>
2. Vukotić, J., Stojšin, V., Nagl, N., **Petreš, M.**, Hrustić, J., Grahovac, M., Tanović, B. (2022): Morphological, Molecular, and Pathogenic Characterization of *Neofabraea alba*, a Postharvest Pathogen of Apple in Serbia. *Agronomy*, 12 (9), 2015. <https://doi.org/10.3390/agronomy12092015>
3. Savić, Z., Dudaš, T., Loc, M., Grahovac, M., Budakov, D., Jajić, I., Krstović, S., Barošević, T., Krska, R., Sulyok, M., Stojšin, V., **Petreš, M.**, Stankov, A., Medić, J., Bagi, F. (2020): Biological Control of Aflatoxin in Maize Grown in Serbia. *Toxins*, 12 (3), 162. <https://doi.org/10.3390/toxins12030162>
4. **Petreš, M.**, Kalajdžić, J., Milić, B., Magazin, N., Stankov, A., Medić, J., Grahovac, M. (2020): Effect of hot water treatments on apple fruit rot caused by *Fusarium* sp. *Journal of Plant Diseases and Protection*, 127: 651–655. <https://doi.org/10.1007/s41348-020-00302-4>
5. Tarlanović, J., Grahovac, M., Milić, B., Magazin, N., Keserović, Z., **Petreš, M.**, Miodragović, M. (2017): Effect of Storage Conditions on Virulence of *Fusarium avenaceum* and *Alternaria alternata* on Apple Fruits, *Journal of Phytopathology*, 165 (9): 595-601. <https://doi.org/10.1111/jph.12597>
6. Kalajdžić, J., Milić, B., **Petreš, M.**, Stankov, A., Grahovac, M., Magazin, N., Keserović, Z. (2019): Postharvest quality of sweet cherry fruits as affected by bioregulators, *Acta Scientiarum Polonorum Hortorum Cultus*, 18 (5): 189-199. <https://doi.org/10.24326/asphc.2019.5.19>
7. Kalajdžić, J., **Petreš, M.**, Grahovac, M., Milić, B., Magazin, N., Hrustić, J., Mihajlović, M. (2018): Effect of 1-MCP and dynamic controlled atmosphere on apple fruit rot caused by *Fusarium avenaceum*, *Pesticidi i fitomedicina*, 2 (33): 109-117. <https://doi.org/10.2298/PIF1802109T>

Selected projects

1. „Development of integrated systems for pest management in plant production with an aim to overcome resistance and improve food quality and safety“ No. III46008. Serbian Ministry of Education, Science and Technological development. 2010 – 2018. (Participant)
2. „Application of plant protection products - Support for the production of safe food in the production of fruits (apple, pear, raspberry, strawberry) and vegetables (indoors and in the field: tomato, pepper, spinach) - efficiency and residues“ No. 321-01-00881/2018-11. Serbian Ministry of Education, Science and Technological development. 2018. (Participant)

Academic activities

Engagement in teaching undergraduate students in Plant Pathology courses.

Memberships

Serbian Plant Protection Society

Other

Fulbright Doctoral Research Scholarship Program Alumni, Visiting Researcher at University of Massachusetts, Amherst, USA

Member of organizing committee of 41st and 42nd conference for students of agriculture and veterinary medicine with international participation, University of Novi Sad, Faculty of Agriculture.