

# BIOGRAPHY

2012-07-01.



---

**Title and name**

Assist. Prof. Dr. Gregor UREK

---

---

**Nationality**

Slovene

---

---

**Panel**

Panel on Plant Health

---

---

**Education**

1982: Dipl. ing. agr. – University of Ljubljana, Biotechnical Faculty

1987: M.Sc. - University of Ljubljana, Biotechnical Faculty

1996: Ph.D. - University of Ljubljana, Biotechnical Faculty

---

**Scientific and risk assessment experience**

Plant-parasitic nematode diagnosis

biodiversity and epidemiology of nematodes

interactions of nematodes with other organisms

population dynamics

pest ecology and biology

pest risk assessment

---

**Main scientific publications**

More than 100 original, review or short scientific and professional articles mainly on nematology have been published in international journals. Fifteen more relevant articles are listed below.

1. Urek, G., Širca, S., Gerič Stare, B. (2007) Morphometrical and molecular characterization of *Bursaphelenchus* species from Slovenia. *Helminthologia* (Bratisl.), 44, no. 2: 37-42.

2. Širca, S., Gerič Stare, B., Mavrič, I., Viršček Marn, M., Urek, G. (2007) First record of *Longidorus juvenilis* and *L. leptcephalus* (Nematoda: Dorylaimida) in Slovenia and thier morphometrical and ribosomal DNA sequence analysis. *Russian journal of nematology*, 15, no. 1: str. 1-8.
3. Bačić, J., Gerič Stare, B., Širca, S., Urek, G. (2008) Analyses of *Globodera rostochiensis* and *G. pallida* populations from Serbia by morphometrics and real-time PCR. *Russian journal of nematology*, 16, no. 1: 63-65.
4. Knapič, M., Urek, G., Modic, Š. (2009) GIS analysis of the spread and population density of *Diabrotica virgifera virgifera* LeConte and its impact on agricultural practice in Slovenia during the period from 2003 to 2007. *Cereal res. commun.*, 37, no. 2: 227-236.
5. Mavrič, I., Viršček Marn, M., Širca, S., Urek, G. (2009) Biological, serological and molecular characterisation of Raspberry bushy dwarf virus from grapevine and its detection in the nematode *Longidorus juvenilis*. *Eur. j. plant pathol.*, 123, no. 3: 261-268.
6. Širca, S., Urek, G. (2009) Morphological and molecular characterization of six *Longidorus* species (Nematoda: Longidoridae) from Slovenia. *Russian journal of nematology*, 17, no. 2: 95-105.
7. Strajnar, P., Širca, S., Gerič Stare, B., Urek, G. (2009) Characterisation of the root-knot nematode, *Meloidogyne ethiopica* Whitehead, 1968, from Slovenia. *Russian journal of nematology*, 17, no. 2: 135-142.
8. Širca, S., Gerič Stare, B., Strajnar, P., Urek, G. (2010) PCR-RFLP diagnostic method for identifying *Globodera* species in Slovenia. *Phytopathol. Mediterr.* [Print ed.], 2010, vol. 49, str. 361-369.
9. Gerič Stare, B., Fouville, D., Širca, S., Gallot, A., Urek, G., Grenier, E. (2011) Molecular variability and evolution of the pectate lyase (pel-2) parasitism gene in cyst nematodes parasitizing different Solanaceous plants. *J. mol. evol.*, 2011, vol. 72, str. 169-181.
10. Širca, S., Urek, G., Lazarova, S., Elshishka, M., Peneva, V. (2011) *Longidorus carniolensis* sp. n. (Nematoda, Longidoridae) from vineyard soil in Slovenia. *ZooKeys* (Print), 2011, vol. 141, str. 1-27.
11. Strajnar, P., Širca, S., Urek, G., Šircelj, H., Železnik, P., Vodnik, D. (2012) Effect of *Meloidogyne ethiopica* parasitism on water management and physiological stress in tomato. *Eur. j. plant pathol.*, 2012, vol. 132, no. 1, str. 49-57.
12. Peneva, V., Urek, G., Lazarova, S., Širca, S., Knapič, M., Elshishka, M., Brown, D. J. F. (2012) Longidoridae and nepoviruses in Bulgaria and Slovenia. *Helminthologia* (Bratisl.), 2012, vol. 49, no. 1, str. 49-56.
13. Gerič Stare, B., Lamovšek, J., Širca, S., Urek, G. (2012) Assessment of sequence variability in putative parasitism factor, expansin (expB2) from diverse populations of potato cyst nematode *Globodera rostochiensis*. *Physiol. mol. plant pathol.*, July 2012, vol. 79, str. 49-54.
14. Strajnar, P., Širca, S., Knapič, M., Urek, G. (2012) Effect of Slovenian climatic conditions on the development and survival of the root-knot nematode *Meloidogyne ethiopica*. *Eur. j. plant pathol.*, 2011, vol. 129, no. 1, str. 81-88.

15. Širca, S., Gerič Stare, B., Strajnar, P., Urek, G. (2012) First report of pale potato cyst nematode *Globodera pallida* from Slovenia. Plant dis., 2012, vol. 96, no. 5, str. 773, doi: 10.1094/PDIS-01-12-0066-PDN.

”