

**Maria Pobożniak** (DSc, PhD)

University of Agriculture in Krakow  
Faculty of Biotechnology and Horticulture  
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Consultation hours: Tuesday 10:00-11:30 am



**Research interest:** entomology, Thysanoptera, plant protection, integrated pest management, biological and biotechnical plant control, beneficial organisms in plant control, plant resistance to pest

**Research experience:**

DSc (Habilitation) (2014) "The species composition, harmfulness and selected aspects of the occurrence and feeding preference of thrips (Thysanoptera) on pea (*Pisum sativum* L.) cultivars. Zesz. Nauk. UR w Krakowie, Rozprawy, 391, 153 ss."

PhD (2002) "Effect of weedy background on colonization of red beet by black bean aphid (*Aphis fabae* Scop.) and natural enemies of the Syrphidae family" Monography

**Visiting Scholar:**

1. University of Natural Resources and Applied Life Sciences (Boku) in Vienna (1 month in 2010, 2 weeks in 2011, workshop)
2. S. SEIFULLIN Kazakh Agrotechnical University, Astana, Kazakhstan (1 month in 2014, 2015, 2016 and 2017, visiting professor)
3. Ondokuz Mayıs University, Turkey (1 week in 2015, visiting professor, Erasmus+)
4. Polytechnic Institute of Beja in Portugal (1 week in 2019, visiting professor, Erasmus+)

**Professional profiles:** ORCID: <https://orcid.org/0000-0002-4930-2865>

List of selected publications:

1. Pobożniak M. 2011. The occurrence of thrips (Thysanoptera) on food legumes (Fabaceae). J. Plant Dis. Protect., 118, 185–193. doi.org/10.1007/BF03356402
2. Pobożniak M., Koshier E.H. 2014. Effects of pea (*Pisum sativum* L.) cultivars on *Thrips tabaci* Lindeman preference and performance. J. Agr. Sci. 152, 885–893 doi:10.1017/S0021859613000518
3. Pobożniak M., Leśniak. M. 2015. Application strategy for the chemical control of pea (*Pisum sativum* L.) crops against *Thrips tabaci* LINDEMAN, 1889 (Thysanoptera). Polish Journal of Entomology VOL. 84: 177–189. doi: 10.1515/pjen-2015-0015
4. Pobożniak M., Leśniak. M, Chuda A., Adamus A. 2016. Field assessment of the susceptibility of onion varieties to thrips attack – preliminary results. Polish Journal of Entomology VOL. 85:84-101 doi: 10.1515/pjen-2016-0006
5. Musynov K.M., Pobożniak M., Bazarbayev B.B., Akibekova D.B. 2017. Monitoring of pea pest in the conditions of northern Kazakhstan. Bulletin of Science Kazakh Agrotechnical University S. Seifullin 1(192):44-51.doi: 633.358:632.913(574.2)(045)
6. Pobożniak M., Grabowska D. 2019. Potential use of *Bauveria bassiana* for biological control of *Thrips tabaci* in onion Comm. Appl. Biol. Sci, Ghent University, 84/2
7. Pobożniak M., Musynov K.M., Tokarz K. 2020. Evaluation of sticky trap colour for thrips (Thysanoptera) monitoring in pea crops (*Pisum sativum* L.). J. Plant Dis. Protect. doi.org/10.1007/s41348-020-00301-5

**Courses:** Integrated Plant Protection (in Polish, in English), Biological and Biotechnical Methods of Plant Protection (in Polish, in English), Control of Plant Pests (in Polish), Entomology (in Polish), Pest ecology (in Polish), Pesticides (in Polish), Zoology and animal ecology (in Polish)

**Jacek Nawrocki** (DSc, PhD)

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Consultation hours: Tuesday 9:00-11:00 am



**Research interest:** phytopathology, protection of vegetables and herbs against fungal pathogens, protection of seed plantations of selected vegetables, integrated pest management, biological and biotechnical plant control, ecological methods of plant protection, protection of berry plantations against diseases, resistance of pathogenic fungi to selected fungicides.

**Research experience:**

DSc (Habilitation)(2011) "Effect of some agrotechnical factors on the health of roots and fungi colonizing seed roots and seedlings of selected cultivars of root parsley (*Petroselinum crispum* (Mill.) Nyman ex A.W. Hill var. *tuberosum* (Bernh.) Marth. Crov.)" Zesz. Nauk. UR w Krakowie, Rozprawy, 352, 83 ss."

PhD (1997) "Protection of parsley seed plantations against fungal diseases" Monography

**Visiting Scholar:**

1. Bank of Plant Pathogens, International Mycological Institute, Egham, Great Britain (1 week in 1996, workshop)
2. Diagnosis of quarantine pests in Lombardy, Laboratorio Fitopatologico, Fondazione Minoprio, Italy (4 – days in 2014, workshop)
3. Faculty of Horticulture in Lednice, Mendel University in Brno, Czech Republic (1 week in 2014, visiting professor)
4. Ondokuz Mayıs University, Turkey (1 week in 2016, visiting professor)

**Professional profiles:** ORCID: <https://orcid.org/0000-0003-2664-8393>

List of selected publications:

1. Kućmierz J., **Nawrocki J.**, Sojka A. 2013. Fungi isolated from diseased blueberries fruit buds and mature fruits (*Vaccinium corymbosum* L.). Prog. Plant Prot./Post. Ochr. Roślin, 53(4), 779-784.
2. Kućmierz J., **Nawrocki J.**, Sojka A. 2013. Susceptibility of several cultivars of blueberry (*Vaccinium corymbosum* L.) to diseases. / Podatność kilkunastu odmian borówki wysokiej (*Vaccinium corymbosum* L.) na choroby. Prog. Plant Prot./Post. Ochr. Roślin, 53(4), 785-788.
3. Mazur S., Kurzawińska H., Nadziakiewicz M., **Nawrocki J.** 2015. Redroot pigweed (*Amaranthus retroflexus* L.) as a host for *Alternaria alternata* – the causal agent of Alternaria leaf blight in potato (*Solanum tuberosum* L.). Zemdirbyste-Agriculture, vol. 102, 1, 115–118. DOI 10.13080/z-a.2015.102.015
4. Mazur S., Kurzawińska H., **Nawrocki J.**, Nadziakiewicz M. 2016. Natural agents limiting diseases on potato tuber peel. Bulgarian Journal of Agriculture Science, 22(3), 458-464.
5. **Nawrocki J.**, Machura M. 2016. Biological control of parsley (*Petroselinum crispum* var. *tuberosum*). Scientific proceedings of the 5th International Scientific Horticulture Conference, Slovak University of Agriculture in Nitra, 21-23.09.2016, 87-91. DOI: 10.1515/ahr-2016-0017
6. **Nawrocki J.** Pogodzińska M. 2016. Effectiveness of the biological control of garlic (*Allium sativum* L.). Acta Horticulturae et Regiotecturae, Special Issue, 15-17.
7. Kurzawińska H., Mazur S. **Nawrocki J.** Nadziakiewicz M. 2018. Weeds in potato culture and their outcome in spreading of *Alternaria ssp.* Acta. Sci. Polon. Hort. Cult. 17(6), 159-166. DOI: 10.24326/asphc.2018.6.16.
8. Mazur S. Nadziakiewicz M. Kurzawińska H., **Nawrocki J.** 2019. Effectiveness of mycorrhizal fungi in the protection of juniper, rose, yew and highbush blueberry against *Alternaria alternata*. Folia Hort. 31(1), 117-127. <https://doi.org/10.2478/fhort-2019-0008>
9. Kurzawińska H., Mazur S. **Nawrocki J.** 2019. Microorganisms colonizing the leaves, shoots and roots of boxwood (*Buxus sempervirens* L.). Acta. Sci. Polon. Hort. Cult. 18(6), 149- 154. DOI: 10.24326/asphc.2019.6.15.

10. **Nawrocki J.**, Machura M., Mazur S. 2019. The effect of selected preparations on parsley health during growing season. *Acta Hortic.* 1264, 269-274. <https://doi.org/10.17660/ActaHortic.2019.1264.33>
11. **Nawrocki J.**, Machura M., Mazur S. 2019. The effect of selected preparations on the healthiness of parsley roots (*Petroselinum crispum* var. *tuberosum*). *Comm. Appl. Biol. Sci, Ghent University*, 84(2), 1, 213-218.
12. **Nawrocki J.**, Pogodzińska A., Mazur S. 2019. The effectiveness of selected biological and biotechnical agents in the protection of garlic (*Allium sativum* L.). *Comm. Appl. Biol. Sci, Ghent University*, 84(2), 1, 133-137.

**Courses:** Phytopathology, Agroecology, Phytopathological Diagnostics, Pesticides and biological effects of their use, Control of Plant Diseases, Plant Protection Techniques (in Polish); Integrated Plant Protection (in Polish, in English), Biological and Biotechnical Methods of Plant Protection (in Polish, in English), Ecological Methods of Plant Protection (in Polish, in English), Quarantine Pests and Diseases (in Polish, in English).