

**Dr hab. inż. Maria Pobożniak, Prof. URK**



**University of Agriculture in Krakow**

**Faculty of Biotechnology and Horticulture**

**Department of Botany, Physiology and Plant Protection**

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**Consultation hours: Tuesday 10:00 -12:00 a.m.**

**Professional profiles:**

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

**Research interest:**

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

**Assoc. Prof. (2023)**

**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 pp (in English).

**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 (in Polish)

**Visiting Scholar:**

2009 Institute of Plant Protection in Poznań, Poland (research)

2010 and 2011 University of Natural Resources and Applied Life Sciences (Boku) in Vienna, Austria (researcher)

2014 National University of Life and Environmental Science of Ukraine (visiting professor)

2014, 2015, 2016, 2017, 2019 S.SEIFULLIN Kazakh Agrotechnical University, Astana, Kazakhstan (visiting professor, researcher)

2015 Ondokuz Mayıs University, Turkey (visiting professor)

2019 Polytechnic Institute of Beja in Portugal (visiting professor)

2023 Hungarian University of Agriculture and Life Sciences in Budapest, Hungary (researcher)

**List of recent publications** (author of over 50 publications)

1. Olczyk M.; Koschier E.H.; Wójtowicz T.; **Pobożniak M.** The Preference of Thrips *tabaci* for *Allium cepa*, *Allium fistulosum*, and *Allium roylei*. *Agriculture* vol. 13, 2023, 1862. DOI:10.3390/agriculture13101862
2. **Pobożniak M.**, Olczyk M., Wójtowicz T., Kamińska I., Hanus-Fajerska E., Kostecka-Gugała A., Kruczek M. Anatomical and biochemical traits associated with field resistance of onion cultivars to onion thrips and the effect of mechanical injury on the level of biochemical compounds in onion leaves. *Agronomy*, vol, 12 nr 1, 2022, 147 DOI: 10.3390/agronomy12010147
3. **Pobożniak M.**, Olczyk M., Wójtowicz T. Relationship between colonization by onion thrips (*Thrips tabaci* Lind.) and leaf colour measures across eight onion cultivars (*Allium cepa* L.). *Agronomy*, Vol. 11 nr 5, 2021: DOI: 10.3390/agronomy11050963
4. **Pobożniak M.**, Gaborska M, Wójtowicz T Resistance and tolerance of ten carrot cultivars to the hawthorn-carrot aphid, *Dysaphis crataegi* Kalt., in Poland. *PLoS ONE*, vol. 16, nr 3, 2021. DOI: 10.1371/journal.pone.0247978.6.
5. Olczyk M., **Pobożniak M.** Thrips (Thysanoptera) associated with onion (*Allium cepa* L.) and Welsh onion (*Allium fistulosum* L.). *Folia Horticulturae*, vol. 32, nr 2, 2020, s. 319-335. DOI:10.2478/fhort-2020-0028
6. **Pobożniak M.**, Tokarz K., Musynov K.M. Evaluation of sticky trap colour for monitoring of thrips (Thysanoptera) in pea crops (*Pisum sativum* L.). *J Plant Dis Prot*, vol. 127, 2020, s. 307–321; DOI: 10.1007/s41348-020-00301-5J.