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Experience:

- 2015 – today: Assistant professor, Department of Biochemistry and Microbiology, Warsaw University of Life Sciences - SGGW
- 2009 – 2014: Research assistant, Department of Biochemistry, Warsaw University of Life Sciences - SGGW
- 2013 -2014: Internship - Department of Molecular Pathology and Genetics Faculty of Mathematics, Computer Science and Natural Sciences, University of Hamburg, Germany
- 2009 – 2010: Practice in Department of Protein Biosynthesis in Institute of Biochemistry and Biology, Polish Academy of Science

Education:

- 2005 – 2010: PhD thesis, “Selected inhibitors of cysteine endopeptidases in developing and germinating triticale seeds (*Triticosecale* Wittm.)” Department of Biochemistry, Faculty of Agriculture and Biology, Warsaw University of Life Sciences - SGGW
- 2000 – 2005: Master thesis, “Influence of protein kinase and phosphatase activities on *Blepharisma japonicum* photoresponses” Nencki Institute of Experimental Biology, Polish Academy of Science / Warsaw University of Life Sciences - SGGW

Research projects:

- Grant of Ministry of Science and Higher Education, N N310 151335 “Inhibitors of cysteine endopeptidases in developing and germinating triticale seeds (x *Triticosecale* Wittm.)”, main contractor of the project, 2008-2010.

- Grant of Warsaw University of Life Sciences-SGGW, 50401130015 “Participation of phytocystatins in triticale response (x *Triticosecale* Wittm.) to aluminum ion toxicity.”, leader of the project, 2016-2017.

Publications:

- Papierowska E., Mazur R., Stańczyk T., Beczek M., **Szewińska J.**, Sochan A., Ryzak M., Szatyłowicz J., Bieganowski A. 2019. Influence of leaf surface wettability on the drop splash phenomenon. *Agricultural and Forest Meteorology* 279:107762 .
- Papierowska E., Szporak-Wasilewska S., **Szewińska J.**, Szatyłowicz J., Debaene G., Utratna M. 2018. Contact angle measurements and water drop behavior on leaf surface for several deciduous shrub and tree species from a temperate zone. *Trees* 32:1253–1266.
- Labudda M., Różańska E., **Szewińska J.**, Sobczak M., Dzik JM. 2016. Protease activity and phytocystatin expression in *Arabidopsis thaliana* upon *Heterodera schachtii* infection. *Plant Physiology and Biochemistry* 109:416-429.
- **Szewińska J.**, Simińska J., Bielawski W. 2016. The roles of cysteine proteases and phytocystatins in development and germination of cereal seeds. *Journal of Plant Physiology*, 207:10-21.
- Chojnacka M., **Szewińska J.**, Mielecki M., Nykiel M., Imai R., Bielawski W., Orzechowski S. 2015. A triticale water-deficit-inducible phytocystatin inhibits endogenous cysteine proteinases in vitro. *Journal of Plant Physiology* 174:161-165.
- **Szewińska J.**, Prabucka B., Krawczyk M., Mielecki M., Bielawski W. 2013. The participation of phytocystatin TrcC-4 in the activity regulation of EP8, the main prolamin degrading cysteine endopeptidase in triticale seeds. *Plant Growth Regulation* 69 (2): 131-137.

- **Szewińska J.**, Zdunek -Zastocka E., Bielawski W., Pojmaj M. 2012. Molecular cloning and expression analysis of triticales phytoalexins during development and germination of seeds. *Plant Molecular Biology Reporter* 30:867-877.
- Sobierajska K, **Głos J**, Daborowska J, Kucharska J, Bregier C, Fabczak S, Fabczak H. 2010. Visualization of the interaction between Gbc and tubulin during light-induced cell elongation of *Blepharisma japonicum*. *Photochemical and Photobiological Sciences* 9:1101-1110.