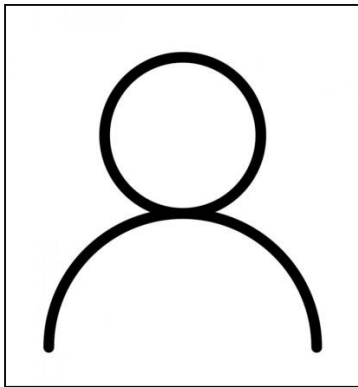


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- plant biology
- spectroscopy

**Research experience:**

**Visiting Scholar** (Politechnische Hochschule Darmstadt, 1 month; Instituto Politécnico de Beja (1 week))

**Habilitation** (2013, *Biological and agricultural aspects of the response of German chamomile to drought stress*)

**PhD** (2002, *Chilling injury and the activity of selected antioxidants in maize in different environmental conditions*)

**Professional profiles:**

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Google Scholar: <https://scholar.google.pl/citations?user=z1HSpWgAAAAJ&hl=en>

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List of publications:

1. **Bączek-Kwinta R.** et al. 2019. Photosynthetic response of cabbage in cadmium-spiked soil. *Photosynthetica* 57 (3): 731-739, 2019. DOI: 10.32615/ps.2019.070.
2. **Bączek-Kwinta R. et al. 2019.** Smoke compounds aggravate stress inflicted on *Brassica* seedlings by unfavourable soil conditions. *Photosynthetica* 2019, 57(1):1-8 | DOI: 10.32615/ps.2019.026
3. **Bączek-Kwinta R.,** 2019. Cadmium (Cd): An Emerging Regulatory Metal with Critical Role in Cell Signalling and Plant Morphogenesis. S. Srivastava EdA.K Srivastava, P. Suprasanna, Eds., *Plant-Metal Interactions*, 61-78 Springer Nature Switzerland
4. **Bączek-Kwinta R.,** 2018. Nitric Oxide and Reactive Oxygen Species Interactions in Plant Tolerance and Adaptation to Stress Factors. In: Vats S. (Ed), *Biotic and Abiotic Stress Tolerance in Plants*, Springer Nature Singapore Pte Ltd. pp. 239-256. DOI: 10.1007/978-981-10-9029-5\_9
5. **Bączek-Kwinta R. et al. 2018** Genotypic differentiation of oxidoreductive response of seedlings and mature plants of spring barley in drought. *Oxidation Communications*, 41(30): 419-428.
6. Kałużewicz A., **Bączek-Kwinta R.** et al., 2018. Effect of biostimulants on chlorophyll fluorescence parameters of broccoli (*Brassica oleracea* var. *Italica*) under drought stress and rewatering. *Acta Sci. Pol. Hortorum Cultus*, 17(1) 2018, 97–106. DOI: 10.24326/asphc.2018.1.9
7. **Bączek-Kwinta R.** et al. 2017. Oxidoreductive and hormonal processes in germinating lupin seeds. *Oxidation Communications* 40 (3): 1095–1105. .
8. **Bączek-Kwinta R. 2017.** Swailing affects seed germination of plants of European bio-and agrigenosis in a different way. *Open Life Sci.* 2017; 12: 62–75.
9. Sękara A., **Bączek-Kwinta R.,** et al. 2016. Sequential abiotic stress applied to juvenile eggplant modifies the seedlings parameters, plant ontogeny and field. *Hort. Sci* 43: 149–157.
10. Borek M., **Bączek-Kwinta R.,** Rapacz M. 2016. Photosynthetic activity of variegated leaves of *Coleus x hybridus* Hort. cultivars characterised by chlorophyll fluorescence techniques. *Photosynthetica* 54 (3): 331-339.