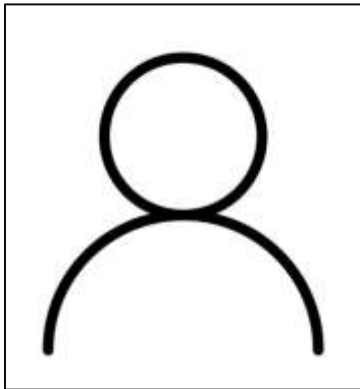


**Agnieszka Lis-Krzyścin Ph.D., D.Sc.**



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**Consultation hours:**

**Research interest:**

- nutrition of ornamental plants in containers and green areas
- substrates and their physic-chemical properties in horticultural production
- preparing green roofs and their maintenance
- possibility of using new types of fertilisers in horticultural crops

**Research experience:**

**DSc, (Habilitation)** 2013, Glassy fertilisers in horticulture

**PhD** 1998, The effect of fertilisation with various doses and forms of nitrogen on the growth, development and nutritional status of selected mineral components of zonal geranium plants (*Pelargonium x hortorum*) var. Pinto Salmon Orange

**Professional profiles:**

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Research Gate: [https://www.researchgate.net/profile/Agnieszka\\_Lis-Krzyscin/research](https://www.researchgate.net/profile/Agnieszka_Lis-Krzyscin/research)

### List of publications:

1. Domagała-Świątkiewicz I., Lis-Krzyściń A. 2014. Sustainable horticulture system. W: Ropek D. (red) Agroecology monograph Wydawnictwo Uniwersytetu Rolniczego w Krakowie, Kraków, str. 68-82.
2. Krawczyk A., Supel P., Kaszycki P., Lis-Krzyściń A. 2015. Zastosowanie dwuskładnikowego bionawozu bakteryjno-mineralnego w uprawie roślin ozdobnych (Use of a two-component, mineral-bacterial biofertilizer in cultivation of ornamental plants). *Przemysł chemiczny* 94/7, 1183-1189.
3. Krawczyk A., Lis-Krzyściń A., Domagała-Świątkiewicz I. 2016. Materiały odpadowe wykorzystywane do produkcji podłoży uprawowych do zakładania ekstensywnych zielonych dachów (Waste materials used in the production of growing substrates for extensive green roofs). *Współczesne kierunki badań nad roślinami ozdobnymi w Polsce Monografia PAN*: 345-357.
4. Krawczyk A., Domagała-Świątkiewicz I., Lis-Krzyściń A., Daraż M. 2017. Waste silica as a valuable component of extensive green roof substrates. *Polish Journal of Environmental Studies* 26(2): 643-653.
5. Krawczyk A., Domagała-Świątkiewicz I., Lis-Krzyściń A. 2017. The effect of substrate on growth and nutritional status of native xerothermic species grown in extensive green roof technology. *Ecological Engineering* 108: 194–202.
6. Kiełkowska A., Grzebelus E., Lis-Krzyściń A., Maćkowska K. 2019. Application of the salt stress to the protoplast cultures of the carrot (*Daucus carota* L.) and evaluation of the response of regenerants to soil salinity. *Plant Cell, Tissue and Organ Culture (PCTOC)* 137: 379–395.