

Piotr Kachlicki
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ACADEMIC AND RESEARCH CAREER

- 1972: Master of Science in chemistry**, A. Mickiewicz University in Poznań; thesis: „Isolation of transfer nucleic acids and obtaining products of their hydrolysis” (supervisor: prof. dr hab. Maciej Wiewiórowski)
- 1978: Doctor in agricultural sciences**, Institute of Plant Genetics PAS; thesis: „Comparational studies of transfer ribonucleic acids (tRNAs) from cereal species” (supervisor: prof. dr hab. Jacek Augustyniak)
- 2007: Habilitation in agricultural sciences**, Faculty of Agriculture, University of Life Sciences in Poznań; thesis: „Role of secondary metabolites in interaction of *Phoma lingam* (Tode ex Fr.) Desm. fungus and oilseed rape (*Brassica napus* L.) plants
- 2014: Professor of agricultural sciences**

RESEARCH VISITS

- 1984, 1987, 1990:** Chemistry Department, Royal Veterinary and Agricultural University, Copenhagen (since 2007 this University has been a part of the University of Copenhagen)
- 1998:** Rothamsted Experimental Station, Harpenden, UK

Selected publications

- Kachlicki P., Einhorn J., Muth D., Kerhoas L., Stobiecki M. (2008). Evaluation of glycosylation and malonylation patterns in flavonoid glycosides during LC/MS/MS metabolite profiling J. Mass Spectrom. 43: 572-586.
- Stobiecki M., Staszów A., Piasecka A., Garcia-Lopez P.M., Zamora-Natera F., Kachlicki P. (2010) LC-MSMS Profiling of Flavonoid Conjugates in Wild Mexican Lupine *Lupinus reflexus*. J. Nat. Prod. 73: 1254-1260.
- Piasecka A., Sawikowska A., Krajewski P., Kachlicki P. (2015) Combined mass spectrometric and chromatographic methods for in-depth analysis of phenolic secondary metabolites in barley leaves. J. Mass Spectrom. 50: 513-532.
- Mikołajczyk-Bator, K., Błaszczuk, A., Czyżniejewski, M., Kachlicki, P. (2016). Characterisation and identification of triterpene saponins in the roots of red beets (*Beta vulgaris* L.) using two HPLC-MS systems. Food Chemistry 192: 979-990.
- Piasecka A., Sawikowska A., Kuczyńska A., Ogrodowicz P., Mikołajczak K., Krystkowiak K., Gudyś K., Guzy-Wróbelska J., Krajewski P., Kachlicki P. (2017) Drought related secondary metabolites of barley (*Hordeum vulgare* L.) leaves and their metabolomic quantitative traits loci. The Plant Journal 89: 898-913.