

Academic and Research Career

2020	Real Member of PAS
2003	Corresponding Member of PAS
2004-2011	Director IPG PAS
1991-2003	V-ce director, IPG PAS
1991-	Legume geneticist and breeder, Professor
1984-1991	Associate Professor, Poznan Plant Breeders, Ltd
1972-1991	Legume breeder and geneticist, Poznan Plant Breeders, Ltd

Major Research Projects

- Identification and mode of inheritance of genes underlying fungal disease resistance and low alkaloid content in lupins improvement, with particular attention to yellow lupin, Ministry of Agriculture (Wojciech Święcicki, Magdalena Kroc, Paweł Barzyk, Katarzyna Czepiel, Paulina Wilczura/Aleksandra Burdzińska)
- Identification of pea genome regions in the determining of the selected parameters of the physiological effectiveness as an important factor of the resistance to abiotic stresses, Ministry of Agriculture (Wojciech Święcicki, Magdalena Gawłowska, Andrzej Górny, Dominika Ratajczak, Katarzyna Beczek, Alicja Niewiadomska, Lech Boros, Anna Wawer)
- Improvement of a domestic protein sources, their production, turnover and using in feeding. Multiyear Governmental Projects, 2011-2015 and 2016-2020

Research Visits

1996	Univ. Western Australia, Perth
1987	Nuclear Atomic Center, Kinshasa, Zair
1986	Nuclear Atomic Center, Kinshasa, Zair
1981	Plant Exp. Sta., Geneva, Cornell Univ., USA
1979	Plant Breeding Inst., Weibullsholm, Sweeden
1977	Int.Agricultural Centre, Wageningen, Netherlands

Publications

- Gawłowska M., M. Knopkiewicz, W. Święcicki, L. Boros, A. Wawer, P. Krajewski. 2020. Quantitative trait loci for the strength properties of stems and lodging in two pea bi-parental mapping populations (*Pisum sativum* L.). *Crop Science* DOI: 10.1002/csc2.20395
- Święcicki W., Czepiel K., Wilczura P., Barzyk P., Kaczmarek Z., Kroc M. 2019. Chromatographic fingerprinting of the Old World lupin seed alkaloids: a supplemental tool in species discrimination *Plants* 8: 548
- Święcicki W. 2019. The Catalogue of *Pisum* Genes. Agencja reklamowa Kreatiff, Poznań ISBN 978-83-953357-0-9: 188 pp
- Kroc M., Czepiel K., Wilczura P., Mokrzycka M., Święcicki W. 2019 Development and Validation of a Gene-Targeted dCAPS Marker for Marker-Assisted Selection of Low-Alkaloid Content in Seeds of Narrow-Leafed Lupin (*Lupinus angustifolius* L.). *Genes* 10(6)
- Kroc M., Rybiński W., Wilczura P., K. Kamel, Z. Kaczmarek, P. Barzyk, W. Święcicki. 2016. Quantitative and qualitative analysis of alkaloids composition in the seeds of white lupin (*Lupinus albus* L.) collection. *Genetic Resources and Crop Evolution*. 64(8): 1853-1860