Curriculum vitae

Johann Vollmann

Google Scholar | ORCID

- PhD in crop sciences from BOKU University, Vienna, Austria
- Habilitation (*venia legendi*) in crop sciences / plant breeding
- Associate professor of plant breeding, BOKU University

Scientific career

1987 – 90	PhD research at Joint IAEA / FAO Division Seibersdorf, Austria
1993 – 94	Post doc research at Potential Crops unit, CPRO-DLO, Wageningen, The Netherlands
1998	Habilitation in plant breeding, BOKU University, Vienna
Since 1998	Associate Professor (Ao.Univ.-Prof.), Dept. of Agricultural Sciences, Institute of Crop Breeding and Genomics, BOKU University, Vienna
2001 – 2017	Guest professor (teaching appointments; TEMPUS, ERASMUS) in Bosnia and Herzegovina (Sarajevo, Banja Luka), Kosovo, Georgia (Tbilisi State Agric. University), Kyrgyz Republic, Uzbekistan (Tashkent State Agrarian University)
2001 – 2004	Secretary general of EUCARPIA (European association for research in plant breeding)
Since 2008	Scientific advisor to “Soja aus Österreich” (Austrian Soybean Association)
Since 2014	Member of scientific board of Donau Soja organization, Vienna
Since 2015	Editor-in-chief, Springer Series: Handbook of Plant Breeding
Since 2019	Board member of “Soja aus Österreich” (Austrian Soybean Association)
Oct 2027	Retired from BOKU University

Recent publications

BLAGOJEVIĆ, B.D. et al., 2026, The role of spermidine in plants and humans: a pathway from climate change adaptation to health benefits, npj Science of Food 10:68. doi

YAO, X. et al., 2024, Genetic adaptation of phenological stages in Chinese and European elite soybeans (*Glycine max* [L.] Merr.) across latitudes in Central Europe. Plant Breeding 143:695-705. doi

YAO, X. et al., 2023, Genetic diversity in early maturity Chinese and European elite soybeans: A comparative analysis, Euphytica 219:17. doi

VOLLMANN, J., & M. ŠKRABIŠOVÁ, 2023, Going north: Adaptation of soybean to long day length environments, J. Exp. Bot. 74:2933-2936. doi

VOLLMANN, J. et al., 2022, High-throughput screening of soybean di-nitrogen fixation and seed nitrogen content using spectral sensing, Computers and Electronics in Agriculture 199:107169. doi

SAGARA, T. et al., 2020, Spermidine and other functional phytochemicals in soybean seeds: Spatial distribution as visualized by mass spectrometry imaging, Food Sci. & Nutrition 8:675-682. doi

SAGARA, T. et al., 2017, Soybean spermidine concentration: Genetic and environmental variation of a potential ‘anti-aging’ constituent, Journal of Food Composition and Analysis 56:11-17. doi

WATANABE, D. et al., 2016, Development of soybeans with low P34 allergen protein concentration for reduced allergenicity of soy-foods, J. Sci. Food Agric. 97:1010-1017. doi

KURASCH, A.K. et al., 2017, Identification of mega-environments in Central Europe and effect of allelic variations at maturity *E* loci on adaptation of European soybean, Plant, Cell & Environment 40:765-778. doi

VOLLMANN, J., 2016, Soybean versus other food grain legumes: A critical appraisal of the United Nations International Year of Pulses 2016, Die Bodenkultur: Journal of Land Management, Food and Environment 67:17-24. doi

VOLLMANN, J. et al., 2015, Soybean cadmium concentration: validation of a QTL affecting seed cadmium accumulation for improved food safety, Euphytica 203:177-184. doi

Contact

Dr. Johann Vollmann
BOKU University, Department of Agricultural Sciences
Institute of Crop Breeding and Genomics
Konrad Lorenz Str. 24, 3430 Tulln an der Donau / AUSTRIA

+43 1 47654-95717
johann.vollmann@boku.ac.at
https://homepage.boku.ac.at/h330t4/

Tulln an der Donau, 17 Apr 2026