



Curriculum vitae

Johann Vollmann

Born: 1962, Leibnitz (Austria)

Academic information: [GoogleScholar](#) | [ORCID](#)

- PhD in crop sciences / plant breeding from University of Natural Resources and Life Sciences, Vienna (BOKU University), Austria
- Habilitation (*venia legendi*) in crop sciences / plant breeding

Current Position

Associate professor of plant breeding, BOKU University, Vienna, Austria

Scientific Career

- 1987 – 90 PhD research project 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 Crop Sciences, Institute of Plant Breeding, BOKU University Vienna with teaching and research activities in crop science/applied genetics.
- 2001 – 2009 Guest professor, teaching appointments in Bosnia and Herzegovina (Sarajevo, Banja Luka), Kosovo, Georgia (Tbilisi State Agric. University) and Kyrgyz Republic (TEMPUS and other programs)
- 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](#))

Recent Publications

- X. YAO, M. PACHNER, L. RITTLER, V. HAHN, W. LEISER, C. RIEDEL, R. REZI, C.-A. BETRIX, J. NAWRACALA, I. TEMCHENKO, V. DJORDJEVIC, L.-J. QIU, J. VOLLMANN, 2024, Genetic adaptation of phenological stages in Chinese and European elite soybeans (*Glycine max* [L.] Merr.) across latitudes in Central Europe. *Plant Breeding*. [doi](#)
- X. YAO, J.-Y. XU, Z.-X. LIU, M. PACHNER, E.M. MOLIN, L. RITTLER, V. HAHN, W. LEISER, Y.-Z. GU, Y.-Q. LU, L.-J. QIU & J. VOLLMANN, 2023, Genetic diversity in early maturity Chinese and European elite soybeans: A comparative analysis, *Euphytica* 219:17. [doi](#)
- J. VOLLMANN & M. ŠKRABIŠOVÁ, 2023, Going north: Adaptation of soybean to long day length environments, *J. Exp. Bot.* 74:2933-2936. [doi](#)
- J. VOLLMANN, P. RISCHBECK, M. PACHNER, V. DJORDJEVIC & A.M. MANSCHADI, 2022, High-throughput screening of soybean di-nitrogen fixation and seed nitrogen content using spectral sensing, *Computers and Electronics in Agriculture* 199:107169. [doi](#)
- T. SAGARA, D.R. BHANDARI, B. SPENGLER & J. VOLLMANN, 2020, Spermidine and other functional phytochemicals in soybean seeds: Spatial distribution as visualized by mass spectrometry imaging, *Food Sci. & Nutrition* 8:675-682. [doi](#)
- T. SAGARA, G. FIECHTER, M. PACHNER, H.K. MAYER & J. VOLLMANN, 2017, Soybean spermidine concentration: Genetic and environmental variation of a potential 'anti-aging' constituent, *Journal of Food Composition and Analysis* 56:11-17. [doi](#)
- D. WATANABE, N. ADÁNYI, K. TAKÁCS, A. MACZÓ, A. NAGY, É. GELENCSÉR, M. PACHNER, K. LAUTER, S. BAUMGARTNER & J. VOLLMANN, 2016, Development of soybeans with low P34 allergen protein concentration for reduced allergenicity of soy-foods, *J. Sci. Food Agric.* 97:1010-1017. [doi](#)
- A.K. KURASCH, V. HAHN, W.L. LEISER, J. VOLLMANN, A. SCHORI, C.-A. BÉTRIX, B. MAYR, J. WINKLER, K. MECHTLER, J. APER, A. SUDARIC, I. PEJIC, H. SARCEVIC, P. JEANSON, C. BALKO, M. SIGNOR, F. MICELI, P. STRIJK, H. RIETMAN, E. MURESANU, V. DJORDJEVIC, A. POSPIŠIL, G. BARION, P. WEIGOLD, S. STRENG, M. KRÖN & T. WÜRSCHUM, 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](#)
- J. VOLLMANN, 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](#)
- J. VOLLMANN, T. LOŠÁK, M. PACHNER, D. WATANABE, L. MUSILOVA & J. HLUSEK, 2015, Soybean cadmium concentration: validation of a QTL affecting seed cadmium accumulation for improved food safety, *Euphytica* 203:177-184. [doi](#)

Contact

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