



Curriculum vitae **Johann Vollmann**

Born: 1962, Leibnitz (Austria)

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

Academic Degree

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

Current Position

Associate Professor of Plant Breeding, BOKU University, Vienna, Austria

Scientific Career

- 1981 – 86 Diploma study (Dipl.-Ing.) of agricultural sciences at BOKU, Vienna
- 1987 – 90 PhD research project at Joint IAEA/FAO Division Seibersdorf, Austria
- 1993 – 94 Research stay at Potential Crops unit, CPRO-DLO, Wageningen, The Netherlands
- 1998 Habilitation in plant breeding, BOKU, Vienna
- Since 1998 Associate Professor, Dept. of Crop Sciences, Institute of Plant Breeding, BOKU Vienna with teaching and research activities in crop science/applied genetics.
- 2001 – 2009 Guest professor with teaching appointments at universities 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 [Danube Soya](#) 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

- 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, Spatial distribution of spermidine and functional phytochemicals in soybean seeds as visualized by mass spectrometry imaging. *Food Sci. & Nutrition* 8:675-682. [doi](#)
- D. MILADINOVIĆ, J. VOLLMANN, L. MOLINERO-RUIZ & M. TORRES**, 2019, Editorial: Advances in Oil Crops Research—Classical and New Approaches to Achieve Sustainable Productivity. *Frontiers in Plant Science* 10:791. [doi](#)
- D. WATANABE, T. LOŠÁK & J. VOLLMANN**, 2018, From proteomics to ionomics: Soybean genetic improvement for better food safety, *Genetika* 50:333-350. [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. GELENCSEÉR, 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. BÈTRIX, 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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