

Personal Information	Berkelmann-Löhnertz, Beate
E-mail	beate.berkelmann-loehnertz@hs-gm.de
Position	Senior Research Scientist of Plant Pathology, Hochschule Geisenheim University
Academic Degrees	2003 Associate Professor of Plant Pathology, University of Applied Sciences Wiesbaden 1993 Research Scientist, Geisenheim Research Center, Section of Crop Protection 1992 Degree in Agricultural Sciences (Dr. sc. agr.), University of Göttingen, Germany 1988 Degree in Biology (Dipl.-Biol.), University of Göttingen, Germany
Professional experience	2013-2017 Current Associate Professor of Plant Pathology on Grapes, Hochschule Geisenheim University, Department of Crop Protection 2003-2012 Associate Professor of Plant Pathology on Grapes, University of Applied Sciences Wiesbaden, Geisenheim; Research Scientist, Geisenheim Research Center 1996-2002 Research Scientist, Geisenheim Research Center, Section of Crop Protection, Viticulture Working Group 1995 Researcher, University of Hohenheim, Institute of Plant Nutrition and Soil Science 1992-1995 Research Scientist, Geisenheim Research Center, Section of Crop Protection, Horticulture Working Group
Teaching	Study Program in Viticulture and Enology (Bachelor, Master), Hochschule Geisenheim University Lectures : Grape Diseases (biology, epidemiology and diagnosis of vine pathogenic fungi, bacteria and viruses) Crop protection and forecast of grape diseases (fungicides and botanicals, modes of action, crop protection management, forecast models) Practical studies: Microscopic course on fungal, bacterial and viral diseases: (diagnosis of grape diseases via microscope, serological tests, PCR and other diagnostic tools)
Research: 5 selected recent publications	Kecskeméti, E., Brathuhn, A., Berkelmann-Löhnertz, B., Reineke, A. (2016): Are Epiphytic Microbial Communities in the Carposphere of Ripening Grape Clusters (<i>Vitis vinifera</i> L.) different between Conventional, Organic, and Biodynamic Grapes? PLOS One, http://dx.doi.org/10.1371/journal.pone.0160852 Klärner, S., Flemming, B., Berkelmann-Löhnertz, B. (2015): Studies on mould prevention in viticulture by means of UV-C application of vines (<i>Vitis vinifera</i> L.). Landtechnik – Agricultural Engineering 70 (4), 139-148. Berkelmann-Löhnertz, B., Klärner, S., Flemming, B., Schwarz, H.-P., Keicher, R., Pflieginger, M., Löhnertz, O. (2015): Results of two consecutive years on mould prevention in viticulture by means of UVC application of vines (<i>Vitis vinifera</i> L.). BIO Web of Conferences, Vol. 5, 2015. http://dx.doi.org/10.1051/bioconf/20150501025 Kecskeméti, E.; Brathuhn, A.; Berkelmann-Löhnertz, B.; Kogel, K.-H.; Reineke, A. (2013): Evidence of mycoviruses and transposons in <i>Botrytis cinerea</i> strains collected from grape berries and their influence on mycelial growth. Journal of Plant Pathology 95, 81-82. Buckel, I., Molitor, D., Liermann, J. C., Sandjo, L. P., Berkelmann-Löhnertz, B., Opatz, T., Thines, E. (2013): Phytotoxic dioxolanone-type secondary metabolites from <i>Guignardia bidwellii</i> . Phytochemistry 89, 96-103.
Memberships	- German Crop Protection Society (DPG) - Organisation Internationale de la Lutte Biologique (OILB); Integrated protection and production in viticulture - Research Council for German Viticulture (FDW); Working Group IV: Plant Protection