

Publikationen Phytopathologie von 2014 bis 2017 erstellt am 10.01.2019

- [A unique invertase is important for sugar absorption of an obligate biotrophic pathogen during infection.](#) 2017 Zeitschriftenbeitrag Chang, Q., Liu, J., Lin, X., Hu, S., Yang, Y., Li, D., Chen, L., Huai, B., Huang, L., Voegelé, R.T. and Kang, Z.
New Phytologist
- [Assessment of the antifungal activity of selected biocontrol agents and their secondary metabolites against *Fusarium graminearum*](#) 2017 Zeitschriftenbeitrag Abbas El-Hasan & Jochen Schöne & Birgit Höglinger & Frank Walker & Ralf T. Voegelé
European Journal of Plant Pathology
- [Basidiomycete-specific PsCaMKL1 encoding a CaMK-like protein kinase is required for full virulence of *Puccinia striiformis* f. sp. *tritici*.](#) 2017 Zeitschriftenbeitrag Jiao, M., Yu, D., Tan, C., Guo, J., Lan, D., Han, E., Qi, T., Voegelé, R.T., Kang, Z. and Guo, J.
Environmental Microbiology
- [Comments on “Determination of heterozygosity for avirulence/virulence loci through sexual hybridization of *Puccinia striiformis* f. sp. *tritici*”](#) 2017 Zeitschriftenbeitrag Voegelé, R.T.
Frontiers of Agricultural Science and Engineering
- [Gα proteins Gvm2 and Gvm3 regulate vegetative growth, asexual development, and pathogenicity on apple in *Valsa mali*.](#) 2017 Zeitschriftenbeitrag Song, N., Dai, Q., Zhu, B., Wu, Y., Xu, M., Voegelé, R.T., Gao, X., Kang, Z. and Huang, L.
PLOS One
- [Host-induced gene silencing of the MAPKK gene PsFUZ7 confers stable resistance to wheat stripe rust.](#) 2017 Zeitschriftenbeitrag Zhu, X., Qi, T., Yang, Q., He, F., Tan, C., Ma, W., Voegelé, R.T., Kang, Z., and Guo, J.
Plant Physiology
- [Hyperspectral detection of Diaporthe /Phomopsis complex on soybean infested seeds](#) 2017 Bericht Gerassimos Peteinatos, Kim Haug, Abbas El-Hasan, Behnoush Hosseini, Ralf T. Voegelé, M. Pilar Cendrero-Mateo, Ortrud Jäck, Uwe Rascher, Roland Gerhards
Bornimer Agrartechnische Berichte

<p>Identification of pathogenic fungi and preliminary screening for resistance in <i>Jatropha curcas</i> L. germplasm. <i>European Journal of Plant Pathology</i></p>	2017	Zeitschriftenbeitrag	Hernández-Cubero, L.C., Ampofo, P., Montes, J.M. and Voegelé, R.T.
<p>Suppression or activation of immune responses by predicted secreted proteins of the soybean rust pathogen <i>Phakopsora pachyrhizi</i>. <i>Molecular Plant-Microbe Interactions</i></p>	2017	Zeitschriftenbeitrag	Qi, M., Grayczyk, J.P., Seitz, J.M., Lee, Y., Link, T.I., Choi, D., Pedley, K., Voegelé, R., Baum, T., and Whitham, S.A.
<p>The distinct roles of Argonaute protein 2 in the growth, stress responses and pathogenicity of the apple tree canker pathogen. <i>Forest Pathology</i></p>	2017	Zeitschriftenbeitrag	Feng, H., Xu, M., Liu, Y., Gao, X., Yin, Z., Voegelé, R.T., and Huang, L.
<p>A small cysteine-rich protein from the Asian soybean rust fungus, <i>Phakopsora pachyrhizi</i>, suppresses plant immunity. <i>PLoS Pathog.</i></p>	2016	Zeitschriftenbeitrag	Qi, M., Link, T.I., Müller, M., Hirschburger, D., Pudake, R.N., Pedley, K.F., Braun, E., Voegelé, R.T., Baum, T.J. and Whitham, S.A.
<p>Alternative inoculum sources for fire blight: the potential role of fruit mummies and non-host plants. <i>Plant Pathology</i></p>	2016	Zeitschriftenbeitrag	Weißhaupt, S., Köhl, L., Kunz, S., Hinze, M., Ernst, M., Schmid, A., and Voegelé, R.T.
<p>Antagonistic effects of selected biological control agents (BCAs) against <i>Fusarium graminearum</i> and the mycotoxin zearalenone (ZEA)</p>	2016	Masterarbeit	Alejandro Gimeno
<p>Anti-Oomycete Activity of some Fungal Root Endophytes in the Potato-<i>Phytophthora infestans</i> System</p>	2016	Arbeitspapier/Diskussionspapier	Grace Ngatia, Abbas El-Hasan, Barbara Kaufmann, Ralf T. Voegelé
<p>Inhibitory actions of <i>Bacillus subtilis</i> HG77 on <i>Fusarium graminearum</i> and its zearalenone production</p>	2016	Kongressbeitrag	Alejandro Gimeno Sierra, Abbas El-Hasan, Birgit Höglinger, Jochen Schöne, Frank Walker and Ralf T. Voegelé
<p>Real-time PCR detection of <i>Erwinia amylovora</i> on</p>	2016	Zeitschriftenbeitrag	Hinze, M., Köhl, L., Kunz, S., Weißhaupt, S.,

- [blossoms correlates with subsequent fire blight incidence.](#)
Plant Pathology
- [Two distinct Ras genes from Puccinia striiformis exhibit differential roles in rust pathogenicity and cell death.](#)
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- [Antagonistic activity of fungal root endophytes from solanaceous plants against potato late blight \(Phytophthora infestans\)](#)
- [Attempts to biologically control Fusarium Head Blight of wheat and the associated trichothecenes](#)
- [Characterization of Protein Kinase PsSRPKL, a Novel Pathogenicity Factor in the Wheat Stripe Rust Fungus.](#)
2015 Environ. Microbiology
- [Reference Genes in the Pathosystem Phakopsora pachyrhizi/ Soybean Suitable for Normalization in Transcript Profiling](#)
International Journal of Molecular Sciences
- [Response of Vibrio cholerae to the Catecholamine Hormones Epinephrine and Norepinephrine.](#)
Journal of Bacteriology
- [The potential of antagonistic fungi for control of Fusarium graminearum and Fusarium crookwellense varies depending on the experimental approach.](#)
Journal of Appl. Microbiology
- [Agrobacterium tumefaciens-Mediated Transformation of the Causative Agent of Valsa canker of Apple Tree Valsa mali var. mali.](#)
Curr. Microbiology
- [Early insights into the genome sequence of Uromyces fabae.](#)
- Ernst, M., Schmid, A., and Voegelé, R.T.
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- 2015 Kongressbeitrag
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Halang, P., Toulouse, C., Geißel, B., Michel, B., Flauger, B., Müller, M., Voegelé, R.T., Stefanski, V., and Steuber, J.
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