

Heiko Ziebell

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PERSONAL DETAILS

Name	Heiko Ziebell
Nationality	German
Gender	male
DOB	14.08.1974

RESEARCH EXPERIENCE AND EMPLOYMENT

since 01/2011	Julius Kuehn Institute , Institute for Epidemiology and Pathogen Diagnostics, Messeweg 11-12, 38104 Braunschweig, Germany <i>Senior Research Scientist</i> (' <i>Wissenschaftlicher Oberrat</i> ') and <i>Head of National Reference Laboratory for Plant Virus Diagnostics</i> . Monitoring of viral diseases; isolation and characterisation of plant viruses; molecular, cytological and morphological analysis of infected plants; development of detection methods and diagnostic protocols; production of monoclonal and polyclonal antibodies for virus detection. Analysis of plant-virus-vector relationships. Evaluation of pest risks.
10/2009-10/2010	Cornell University , Department of Plant Pathology and Plant-Microbe Biology, 334 Plant Science Bldg., Ithaca, NY14853, USA <i>Postdoctoral Research Associate</i> . Investigating aphid transmission mechanisms of plant viruses.
10/2006 – 09/2009	University of Cambridge , Department of Plant Sciences, Downing Street, Cambridge CB2 3EA, UK <i>Research Fellow</i> (Trinity Hall, Cambridge, UK). Investigating the interactions of plant viruses, their hosts and their aphid vectors.

EDUCATION

04/2003 – 10/2007	University of Cambridge, UK <i>PhD</i> . "Investigating the mechanism(s) underlying cross-protection of cucumber mosaic virus strains".
10/1997 – 03/2003	Universität Hannover, Germany <i>Diplom Gartenbau</i> (equivalent to a <i>British MSc in Horticulture</i>). Thesis: "Investigations on infectiousness and spread of a <i>Plum pox virus chimera</i> ".
10/1995 – 07/1997	Wichmann Orchideen KG, Celle, Germany Horticultural apprenticeship (Two-year vocational training in orchid cultivation).
08/1987 – 06/1994	Hermann-Billung-Gymnasium Celle, Germany Abitur (German university entry level examinations).

REVIEW ACTIVITIES

- Editor for New Disease Reports; Review Editor for Frontiers in Plant Pathogen Interactions and Viral Diversification and Evolution
- Ad hoc reviewer for several plant health, plant pathology and virology related journals
- Member of EPPO Expert Working Group Pest Risk Assessment for *Tomato brown rugose fruit virus* (ToBRFV), 2019
- Member of EPPO Drafting Team PM7/176 *Tomato brown rugose fruit virus* (ToBRFV)
- Member of EPPO Panel on Diagnostics in Virology and Phytoplasmaology
- Member of EPPO Expert Working Group Pest Risk Assessment for *Tomato mottle mosaic virus* (ToMMV), 2022

LANGUAGES

Deutsch mother tongue
Englisch fluent
Spanisch basic

RELEVANT REFERENCES

EPPO (2021). PM 7/146 (1) Tomato brown rugose fruit virus. EPPO Bulletin 51 (1), 178–197, DOI:10.1111/epp.12723. Member of Drafting Team.

EPPO (2020): Pest risk analysis for tomato brown rugose fruit virus. Member of Expert Working Group.

Ziebell, H., Wilstermann, A. (2019). Express-PRA zum *Turnip crinkle virus* –Auftreten-. https://pflanzengesundheit.julius-kuehn.de/dokumente/upload/turnip-crinkle-virus_exp-pra.pdf.

Ziebell, H. (2019). ToBRFV – The situation in Germany. Webinar for Agriculture and Horticulture Development Board (AHDB), UK. 30.04.2019. <https://ahdb.org.uk/knowledge-library/tomato-brown-rugose-fruit-virus-tobrfv-update-webinar>.

Gaafar Y.Z.A., Richert-Pöggeler K.R., Maaß C., Vetten H.-J., **Ziebell H** (2019) Characterisation of a novel nucleorhabdovirus infecting alfalfa (*Medicago sativa*). Virol J 16:55. doi: 10.1186/s12985-019-1147-3.

Wilstermann, A., **Ziebell, H.** (2018). Express-PRA zum *Tomato brown rugose fruit virus* –Auftreten-. Revision 14.03.2019. https://pflanzengesundheit.julius-kuehn.de/dokumente/upload/ToBRFV_exp-pra-rev1_de.pdf.

Gaafar Y.Z.A., Abdelgalil M.A.M., Knierim D., Richert-Pöggeler K.R., Menzel W., Winter S., **Ziebell H.** (2018) First report of physostegia chlorotic mottle virus on tomato (*Solanum lycopersicum*) in Germany. Plant Dis 102:255. doi: 10.1094/PDIS-05-17-0737-PDN.

Gaafar Y.Z.A., Cordsen Nielsen G., **Ziebell H.** (2018) Molecular characterisation of the first occurrence of *Pea necrotic yellow dwarf virus* in Denmark. New Disease Reports 37:16. doi: 10.5197/j.2044-0588.2018.037.016.

Gaafar Y.Z.A., Timchenko T., **Ziebell H.** (2017) First report of *Pea necrotic yellow dwarf virus* in The Netherlands. New Disease Reports 35:23. doi: 10.5197/j.2044-0588.2017.035.023.

Steinmüller, S., Schrader, G., **Ziebell, H.** (2017). Express-PRA zu *Pea necrotic yellow dwarf virus* – Auftreten-. https://pflanzengesundheit.julius-kuehn.de/dokumente/upload/b0d84_pea-necrotic-yellow-dwarf-virus_express-pra.pdf.

Steinmüller, S., **Ziebell, H.** (2017). Express-PRA zu *Physostegia chlorotic mottle virus* –Auftreten-. https://pflanzengesundheit.julius-kuehn.de/dokumente/upload/6f32b_physostegia-chlorotic-mottle-virus_express-pra.pdf.

RELEVANT PRESENTATIONS

Ziebell, H. Tomato brown rugose fruit virus. Ökologischer Tomatentag 2020. Germany / Westen. 04.09.2020.

Ziebell, H. Tomato brown rugose fruit virus .Workshop on transboundary plant pests of the Meeting of Agricultural Chief Scientists der G20-Staaten (MACS-G20). Japan / Tsukuba. 27.11.2019.

Richert-Pöggeler, K. & **Ziebell, H.** Tomato brown rugose fruit virus. 9. Unterarbeitskreis Virologie des Arbeitskreises Qualitätsmanagement in der pflanzengesundheitlichen Diagnostik. Germany / Braunschweig. 28.11.2019

Richert-Pöggeler, K. & **Ziebell, H.** Tomato brown rugose fruit virus. 29. Tagung der Fachreferenten für Pflanzenschutz im Gemüse- und Zierpflanzenbau/Baumschulen. Germany / Braunschweig. 05.11.2019

Ziebell, H. Tomato brown rugose fruit virus and nanoviruses as novel threats to tomato and legume production. Colloquium Institute for Virology. China / Hangzhou. 15.10.2019