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## **Current Position**

Private Lecturer in Phytomedicine, Faculty of Agricultural and Nutritional Science,  
Christian Albrechts University of Kiel

## **Selected Publications**

Aumann, J., Clemens, C.D. & Wyss, U., 1990: Influence of lectins on female sex pheromone reception by *Heterodera schachtii* (Nematoda: Heteroderidae) males. Journal of Chemical Ecology 16, 2371-2380. **IF = 2.551**

Aumann, J., 1991: Effect of the sulphhydryl reagent, mersalyl acid, on sex pheromone reception by *Heterodera schachtii* (Nematoda: Heteroderidae) males. Parasitology 102, 299-301. **IF = 2.530**

Reuter, G., Aumann, J., Wyss, U., Jansson, H.-B. & Schauer, R., 1991: *Panagrellus redivivus*: failure to find evidence for the occurrence and biosynthesis of sialic acids. Experimental Parasitology 73, 389-395. **IF = 1.841**

Aumann, J., 1992: Effects of colchicine on mobility and chemoreception of *Heterodera schachtii* (Nematoda: Heteroderidae) males. International Journal for Parasitology 22, 87-90. **IF = 3.938**

Aumann, J., 1993: Chemosensory physiology of nematodes. Fundamental and Applied Nematology 16, 193-198.

Perry, R.N. & Aumann, J., 1998: Behaviour and sensory responses. In: The Physiology and Biochemistry of Free-living and Plant-parasitic Nematodes (R.N. Perry & D.J. Wright, eds.). CAB International, Wallingford, 75-102.

Aumann, J., Ladehoff, H. & Rutencrantz, S., 1998: Gas chromatographic characterization of the female sex pheromone of *Heterodera schachtii* (Nematoda: Heteroderidae). Fundamental and Applied Nematology 21, 119-122.

Aumann, J., Dietsche, E., Rutencrantz, S. & Ladehoff, H., 1998: Physico-chemical properties of the female sex pheromone of *Heterodera schachtii* (Nematoda: Heteroderidae). International Journal for Parasitology 28, 1691-1694.

Aumann, J. & Ehlers, R.-U., 2001: Physico-chemical properties and mode of action of a signal from the symbiotic bacterium *Photorhabdus luminescens* which induces dauer juvenile recovery in the entomopathogenic nematode *Heterorhabditis bacteriophora*. Nematology 3, 849-853. **IF = 0.961**

Rühm, R., Dietsche, E., Harloff, H.-J., Lieb, M., Franke, S. & Aumann, J., 2003: Characterization and partial purification of a white mustard kairomone that attracts the beet cyst nematode, *Heterodera schachtii*. Nematology 5, 17-22.

Drusch, S. & Aumann, J., 2005: Mycotoxins in fruits: Microbiology, occurrence and changes during fruit processing. In: Advances in Food and Nutrition Research, vol. 50 (S.L. Taylor, ed.). Academic Press, San Diego and London, 33-78.

Beyer, M. & Aumann, J., 2008: Effects of *Fusarium* infections on the amino acid composition of winter wheat grain. Food Chemistry 111, 750-754. **IF = 3.922**

Börner, H., Schlüter, K. & Aumann, J., 2009: Pflanzenkrankheiten und Pflanzenschutz, 8th edition. Springer, Dordrecht, Heidelberg, London, New York.  
[http://www.amazon.de/Pflanzenkrankheiten-Pflanzenschutz-Horst-B%C3%B6rner/dp/3540490671/ref=pd\\_bxgy\\_b\\_img\\_a#reader\\_3540490671](http://www.amazon.de/Pflanzenkrankheiten-Pflanzenschutz-Horst-B%C3%B6rner/dp/3540490671/ref=pd_bxgy_b_img_a#reader_3540490671)