

## 1. Scientific Publications funded by PEPCY

- Akcaalan R, Young FM, Metcalf JS, Morrison LF and Codd GA. 2006. Microcystin analysis in single filaments of *Planktothrix* spp. in laboratory cultures and environmental blooms. *Water Research* 40:1583-1590.
- Chorus I. 2004. Water Safety Plans: A better regulatory approach to prevent human exposure to harmful cyanobacteria. *Harmful Cyanobacteria*, S. 201-227.
- Chorus I. 2006. Toxic Cyanobacteria: Controlling Risks. *Lakeline*, p. 16 – 23
- Dietrich DR and Hoeger SJ. 2004. Guidance values for microcystins in water and cyanobacterial supplement products (blue-green algal supplements): a reasonable or misguided approach? *Toxicol. Appl. Pharmacol.* in press, online available.
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- Kurmayer R, Christiansen G, Fastner J and Börner T. 2004. Abundance of active and inactive microcystin genotypes in populations of the toxic cyanobacterium *Planktothrix* spp., *Environmental Microbiology* 6:831-841.
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- Kurmayer R, Christiansen G, Gumpenberger M, Fastner J. 2005. Genetic identification of microcystin ecotypes in toxic cyanobacteria of the genus *Planktothrix* *Microbiology* 151:1525-1533.
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- Repka S, Koivula M, Harjunpää V, Rouhiainen L and Sivonen K. 2004. Effects of phosphate and light on growth of and bioactive peptide production by the cyanobacterium *Anabaena* strain 90 and its anabaenopeptin mutant. *Appl. Environ. Microbiol.* 70(8):4551-4560.

- Rohrlack T, Christoffersen K and Friberg-Jensen U. 2005. Frequency of inhibitors of daphnid trypsin in the widely distributed cyanobacterial genus *Planktothrix*. *Environmental Microbiology* 7:1667-1669.
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- Welker M, von Döhren H. 2006. Cyanobacterial peptides - Nature's own combinatorial biosynthesis. *FEMS Microbiol. Rev.* 30:530-563.
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## **2. Oral presentations (conference lectures, radio, television)**

- Akcaalan R, Albay M, Morrison LF, Metcalf JS and Codd GA. 2003. Occurrence of *Planktothrix rubescens* and cyanobacterial toxins in a deep Turkish lake. Third Symposium of European Freshwater Sciences, Edinburgh, 13-18 July 2003. Abstract book p. 35.
- Börner T. 2003. Molecular biology of cyanobacterial non-ribosomal peptide synthesis. German-Japanese Binational Symposium, Benediktbeuren, 31.05. – 05.06.03
- Börner T. 2004. Molecular biology of microcystin biogenesis, Institut für Hydrobiologie, TU Dresden, 15.1.04.
- Börner T. 2004. What the genes can tell us about microcystin biosynthesis. 6th Int. Conf. on Toxic Cyanobacteria. Bergen, Norwegen 21. – 27.06.04 (oral presentation).
- Börner T.: Molecular tools in assessing the risk of toxic cyanobacteria. May 2006, International PEPCY Conference, Berlin
- Cadel-Six S, Dauga C, Welker M, Tandeau de Marsac N. 2006. Halogenated oligopeptides in *Microcystis* sp. : occurrence and gene cluster plasticity. XII. ISPP, Pau, France.
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- Chorus I.: Advances in cyanotoxin risk assessment and risk management. May 2006, International PEPCY Conference, Berlin
- Christoffersen K. S., Friberg-Jensen U., Mulderij G., Rohrlack T.: Inhibition of physiological processes in *Daphnia* by cyanobacterial toxins - what are the implications and potentials?! May 2006, International PEPCY Conference, Berlin
- Claußner Y, Ziemert N, Tandeau de Marsac N, Börner T, Dittmann E. 2004. Microcystin – an intercellular signal molecule? 6th International Conference on Toxic Cyanobacteria. Bergen 21.-27. 6. 2004 (oral presentation)
- Codd GA. 2004. A global view of cyanobacterial and cyanotoxin developments. Sixth International Conference on Toxic Cyanobacteria, Bergen 21-27 June 2004. Abstract book p. 36.
- Codd GA. 2004. Eutrophication, consequential health risks and their management. First International workshop on Water Dynamics. Tohoku University Japan, 17-19 March 2004. Plenary lecture. Abstract book p. 23-24.
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- Dittmann E, Hisbergues M, Kehr JC, Claussner Y, Fastner J, Tandeau de Marsac N, Börner T. 2003. Molecular biology of microcystin biosynthesis in *Microcystis aeruginosa*; 11th International Symposium on Phototrophic Prokaryotes in Tokyo, Japan, 24th to 29th of August 2003. (oral presentation).
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- Dittmann E.: Ishida, KI; Christiansen, G., Börner, T. Diversity of peptide synthetases in *Microcystis* and *Planktothrix*. May 2006, International PEPCY Conference, Berlin
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- Fewer D, Laakso K, Rantala A, Rouhiainen L and Sivonen K. 2004. Evidence for an ancient origin and co-evolution of three families of cyanobacterial non-ribosomal cyclic peptides. Sixth International Conference on Toxic Cyanobacteria, Bergen, 21-27 June 2004. Abstract book. p. 18. (oral presentation).
- Fewer D, Rouhiainen L, Rantala A and Sivonen K. 2004. The evolution of the microcystin biosynthetic pathway. SIL XXIX Congress (The International Congress of Limnology), Lahti, Finland August 2004. Abstract book. p. 365 (oral presentation).
- Grummt, T.; Heinze R.: Screening of cyanobacterial peptides for cytotoxicity and genotoxicity: Are we focusing on the right endpoints? May 2006, International PEPCY Conference, Berlin

- Hoeger S., Dietrich, D. R.: New data on toxicity of cyanobacterial peptides and the consequences for hazards characterisation. May 2006, International PEPCY Conference, Berlin
- Kurmayer R, Christiansen G, Fastner J, Börner T. 2005. Microevolution of toxin synthesis in cyanobacteria. XVII International Botanical Congress, Vienna, 17-23 August 2005, Abstract, p.191.
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- Kurmayer R. 2004. Bedingungen und Steuerung der Toxinproduktion bei Blaualgen. Bayerisches Landesamt für Wasserwirtschaft , Gewässerökologische Forschung, Wielenbach, 15 July 2004.
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- Kurmayer R. 2006. Microevolution of toxin synthesis in cyanobacteria. University of Zürich, Institute for Plantbiology, 20 January 2006.
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### 3. Other Publications by PEPCY members

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