

BIOGRAPHY

29/06/2012



Title and name

Prof. Ingvar Sundh

Nationality

Swedish

Panel

Plant Protection Products and their Residues (PPR)

Education

Professor of Ecological Microbiology (promoted), 2008, Department of Microbiology, SLU.

Associate professor (docent) in Microbiology, 1997, Department of Microbiology, SLU.

PhD in Limnology, 1991, Uppsala University.

Bachelor in Science (FK) in Chemistry, Biology and Geosciences, 1983, Uppsala University.

Scientific and risk assessment experience

- Microbial ecology research in natural and managed environments
 - Environmental and human safety assessment of microorganisms used in beneficial applications in agriculture, environment and food.
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Main scientific publications

Have published in many topics within the broad discipline microbial ecology, but in later years mainly safety assessment and regulation of microorganisms used in beneficial applications.

Johnsson Holmberg A.-I., P. Melin, J.P. Levenfors and I. Sundh (2012) Fate and behaviour of a seed-applied *Pseudomonas brassicacearum* strain in a winter wheat field trial, as determined by analysis with SCAR markers. *Biocontrol Science and Technology* 22: 379-392.

Sundh I., chief editor (with co-editors Dr Mark S. Goettel, Agriculture and AgriFood Canada and Dr Andrea Wilcks, CBR Institute, Denmark) for book: "Beneficial Microorganisms in Agriculture, Food and the Environment: Safety Assessment and Regulation", CAB International Publishing, 2012.

Sundh I., A. Wilcks and M.S. Goettel (2012) Introductory chapter in the above book: Microbes and the law: Safety assessment and regulation of beneficial microorganisms. CAB International Publishing.

Sundh I., and P. Melin (2011) Safety and regulation of yeasts used for biocontrol or biopreservation in the food or feed chain. *Antonie van Leeuwenhoek* 99: 113-119.

Feng, X.-M., A.-I. Johnsson Holmberg, I. Sundh, T. Ricard and P. Melin (2011) Specific SCAR markers and multiplex real-time PCR for quantification of two *Trichoderma* biocontrol strains in environmental samples. *BioControl* 56: 903-913.

Sundh I., M. Hökeberg, J.J. Levenfors and A.I. Nilsson (2011) Safety assessment of biocontrol and plant growth-promoting pseudomonads useful in crop production. *Annals of Applied Biology* 159: 291-301.

Sundh I., and M.S. Goettel (2011) A comparison of ecological elements of current safety assessments and regulation of microbial and invertebrate biocontrol agents. *Bulletin IOBC/wprs* 63, 61-64.

Jäderlund L., M. Hellman, I. Sundh, M.J. Bailey, and J.K. Jansson (2008) Use of a novel nonantibiotic marker gene cassette to monitor high survival of *Pseudomonas fluorescens* SBW25 on winter wheat in the field. *FEMS Microbiology Ecology* 63: 156-168.

Steger K., Å. Sjögren, Å. Jarvis, J.K. Jansson, and I. Sundh (2007) Development of compost maturity and Actinobacteria populations during full-scale composting of organic household waste. *Journal of Applied Microbiology* 103: 487-498.

Widenfalk A., S. Bertilsson, I. Sundh, and W. Goedkoop (2007) Effects of pesticides on community composition and activity of sediment microbes - Responses at various levels of microbial organization. *Environmental Pollution* 152: 576-584.
