



Dr Mike Lenn, BSc, PhD Director

Dr Mike Lenn gained a first degree in Applied Microbiology from the University of Kent. He subsequently joined a team at the University developing a novel new process to treat highly toxic industrial effluents for a major US chemical company. Mike then completed his PhD investigating the application of clean technologies in the pharmaceutical industry.

Before entering the commercial arena, Mike undertook a Post-Doctoral position on a major EC programme investigating the clean-up of PCB contaminated soils, collaborating with key research institutes in Germany, Holland and Belgium. He joined Viridian in 1994 and headed the Contaminated Land division, managing remediation projects in the UK, France, Indonesia and China. During this time, Mike was also involved in the development of new technologies, designing feasibility trials and site investigations.

Mike joined Ecologia as Technical Manager at the company's formation in 2000, and subsequently appointed as a Director. He has responsibility for overseeing many of the companies' consultancy and remediation projects. Mike has supervised a wide range of projects including; investigation and remediation of a large diesel spill in a sensitive aquifer; site investigations and remediation for a chemicals manufacturer located on a Chalk aquifer; provision of contaminated land consultancy for Local Authorities.

Peer Reviewed Publications

Getliff J.M., Silverstone M., Sharman A.K. Lenn, M.J. & Hayes T. *Waste Management and Disposal of Cuttings and Drilling Fluid Waste Resulting from the Drilling and Completion of Wells to Produce Orinoco Very Heavy Oil in Eastern Venezuela.* Society of Petroleum Engineers. HSE Conference, Caracas, Venezuela. 1998.

Lenn, M.J., Robinson, G.K., Stratford, J. and Knowles, C.J. (1996). *Microbial degradation of PCB's by a two-stage process.* In *Environmental Biotechnology: Principles and Practice*, pp 382 -394 (Ed. M. Moo-Young, W.A. Anderson & A.M. Chakrabarty), Kluwer Academic Publishers.

Robinson, G.K., and Lenn, M.J. (1994). *The bioremediation of polychlorinated biphenyls (PCBs): Problems and perspectives*. In *Biotechnology and Genetic Engineering Reviews*, Vol 12, Chapter 5, pp.139-188. Intercept Publishing.

Wright, M.A., Taylor, I.N., Lenn, M.J., Kelly, D.R., Mahdi, J.G. and Knowles, C.J. (1994). *Baeyer-Villiger monoxygenases from microorganisms.* FEMS Microbiology Letters, **116**, 67-72.

Lenn, M.J. & Knowles, C.J. (1994). *Production of optically active lactones using cyclohexanone oxygenases.* Enzyme and Microbial Technology, **16**, 964-969.

Shipston, N.F., Lenn, M.J. and Knowles, C.J. (1992). *Enantioselective whole cell and isolated enzyme catalysed Baeyer-Villiger oxidation of bicyclo[3.2.0]hept-2-en-6-one.* J. Microbiological Methods, **15**, 41-52.

M A Wright, I N Taylor, M J Lenn, D R Kelly, J G Mahdi, & C J Knowles, (1994) *The Characterisation of Novel Baeyer-Villiger Monoxygenase Activities from Pseudomonas putida NCIMB 10007 and Xanthobacter autotrophicus NCIMB 10811.* *Biotechnology 94: Conference on Applied Biocatalysis.* pp 46-49. Institute of Chemical Engineers.

Presentations

Quantitative Risk Assessment for Contaminated Land. Interspill Conference, London, March 2006.

European Collaboration in PCB Biodegradation. International Symposium on Environmental Biotechnology. Waterloo, Canada. July 1994.

Developing a Multi-Stage Process for the Microbial Degradation of PCBs. "Strengthening UK Biochemical Engineering by Collaboration". University College London. Jan. 1994.