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We are interested in all aspects of both slug parasitic and entomopathogenic nematodes. Our research ranges from isolation of new strains of nematodes and bacteria, through production and storage, nematode ecology, modelling nematode behaviour and efficacy and testing in field experiments.

Our lab currently receives money to fund this research from The Forest Research Agency, the Biotechnology and Biological Sciences Research Council, Ohio Agricultural Research and Development Center and the Kintail Land Research Trust.

Recent publications include:

- Torr, P., Heritage, S. & Wilson, M.J.** (2004). Vibrations as a novel signal for host location by parasitic nematodes. *International Journal for Parasitology* **34**, 997-999.
- Wilson, M.J., Ivanova, E.** (2004). Neutral density liquid formulations for nematode-based biopesticides. *Biotechnology Letters*, **26**, 1167-1171.
- Wilson, M.J., Glen, D.M., Hamacher, G.M. & Smith, J.U.** (2004) A model to optimise biological control of slugs using nematode parasites. *Applied Soil Ecology*, **26**, 170-191.
- Wilson, M.J. & Gaugler, R.** (2004) Factors limiting short-term persistence of entomopathogenic nematodes. *Journal of Applied Entomology*, **128**, 250-253.
- Rae, R.G., Robertson, J. & Wilson, M.J.** (2005b). Susceptibility of indigenous U.K. earthworms and an invasive pest flatworm to the slug parasitic nematode *Phasmarhabditis hermaphrodita*. *Biocontrol Science and Technology* In Press
- Ester, A. & Wilson, M.J.** (2005). Application of slug parasitic nematodes. In *Nematodes as Biological Control Agents*. (Eds. P.S. Grewal, R.U. Ehlers & D. Shapiro-Ilan). CABI Publishing, Wallingford. In Press.
- Torr, P., Wilson, M.J. & Heritage, S.** (2005). Control of the large pine weevil. In *Nematodes as Biological Control Agents*. (Eds. P.S. Grewal, R.U. Ehlers & D. Shapiro-Ilan). CABI Publishing, Wallingford. In Press.
- Wilson, M.J. & Grewal, P.S.** (2005). Biology, production and formulation of slug-parasitic nematodes. In *Nematodes as Biological Control Agents*. (Eds. P.S. Grewal, R.U. Ehlers & D. Shapiro-Ilan). CABI Publishing, Wallingford. In Press.