



**CONTAMINATION OF SURFACE WATER BY *CRYPTOSPORIDIUM* SPP.:**  
**A WORKSHOP ON MOLECULAR BIOLOGICAL TECHNIQUES AND RISK ASSESSMENT**  
**Wednesday 3<sup>rd</sup> to Friday 5<sup>th</sup> June 2009**

**Wednesday, June 3<sup>rd</sup>, 2009**

09:00 - 09:30 Registration [McGeady Lecture Theatre, Room 114, UCD, Veterinary Sciences Centre]

09:30 - 09:45 Welcome

Prof. Nicholas M. Holden (Leader, Cryptonet.ie)

Professor Grace Mulcahy (Dean of Veterinary Science)

**Laboratory Techniques 1**

09:45 - 10:30 Rachel Chalmers. QA/QI for analytical processing of environmental samples

10:30 - 11:00 Marco Berzano. Techniques for identifying *Cryptosporidium* spp in slurry

11:00 - 11:30 Coffee

**Laboratory techniques 2**

11:30 - 12:15 Hue Smith. Molecular characterisation of *Cryptosporidium* spp.

12:15 - 12:45 Annetta Zintel. *Cryptosporidium* populations in Irish catchments

12:45 - 14:00 Lunch

**Risk assessment 1**

14:00 - 14:45 Robert Atwill. Quantitative microbial risk assessment for bovine livestock systems

14:45 - 15:15 Enda Cummins. Hydrological components of catchment risk assessment

15:15 - 15:45 Coffee

**Risk assessment 2**

15:45 - 16:15 Pete Zeigler, Spatial and temporal components of QMRA

16:15 - 17:00 Iain Lake. Regional scale risk factors: application of molecular methods and risk assessment