Livestock and Aquaculture 3: Bioethics and Sustainability

Wednesday 31st May

Pathfoot H5, Institute of Aquaculture, University of Stirling

In this session, students will attend guest lectures given by experts on the *in vitro*culture of livestock parasites. Such *in vitro*culture systems offer a way to reduce or even replace living hosts as a necessary element in parasite culture. These animal welfare benefits will be discussed in terms of the 'Three Rs' of ethical animal research: reduction, replacement, and refinement.

Students will also discuss and debate emerging issues in agricultural sustainability, including (but not limited to) potential issues related to intensive farming and soil depletion. The primary objective of these discussions is to promote interdisciplinary dialogue between students performing research in different agricultural subfields and to brainstorm novel solutions for some of the most salient sustainability problems that plague the industry today.

Lead organiser: Alexander Dindial (a.e.dindial@stir.ac.uk)