Laboratory Animal Anaesthesia and Peri-operative Care  
Tuesday 8th October 2019 to Thursday 10th October 2019  
Comparative Biology Centre, Newcastle University, Medical School,  
Framlington Place, Newcastle Upon Tyne, NE2 4HH

Course tutors:  
Prof Paul Flecknell, Newcastle University (PAF)  
Prof Eddie Clutton, Edinburgh University Veterinary Hospital (EC)

**Tuesday 8th October**

10:30 Coffee and Registration

11:00 Update in laboratory animal anaesthesia – an overview of current practice and current best practice (part 1)  

12:00 Update in laboratory animal anaesthesia – an overview of current practice and current best practice (part 2)  

12:45 LUNCH

13:45 Peri-operative care and refining anaesthesia  

14:30 Peri-operative care and refining anaesthesia - analgesia  

15:15 TEA

15:30 Opioids and anaesthesia – a practical guide to balanced Anaesthesia  

16:30 Q&A

17:00 Close
**Wednesday 9th October**

08:45 Methods of administration (1) – total intravenous anaesthesia, a practical guide (PAF)

09:30 Methods of administration (2) – inhalation anaesthetics, a practical guide to new agents, breathing circuits and airway management (EC)

10:30 COFFEE

11:00 Anaesthetic management – which monitors and why? (PAF)

12:00 Anaesthetic emergencies (PAF)

13:00 LUNCH

14:00 Neuromuscular blocking agents and mechanical ventilation (EC)

15:00 TEA

15:30 Fluid balance and management of long-term anaesthesia (EC)

16:30 Q&A plus general discussion

17:00 Close

19:30 Dinner at Peace and Loaf, Newcastle

**Thursday 10th October**

09:00 Anaesthesia in difficult environments (PAF)

09:45 Selecting anaesthetic regimens – problem-based discussions

11:00 COFFEE

11:15 Selecting anaesthetic regimens – problem-based discussions continued

13:00 LUNCH (OPTIONAL)

14:00 Close