

**Laboratory Animal Anaesthesia and Peri-operative Care**

Tuesday 8<sup>th</sup> October 2019 to Thursday 10<sup>th</sup> 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 8<sup>th</sup> October**

**10:30** Coffee and Registration

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

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

**12:45** LUNCH

**13:45** Peri-operative care and refining anaesthesia **(PAF)**

**14:30** Peri-operative care and refining anaesthesia - analgesia **(PAF)**

**15:15** TEA

**15:30** Opioids and anaesthesia – a practical guide to balanced Anaesthesia **(EC)**

**16:30** Q&A

**17:00** Close

### **Wednesday 9<sup>th</sup> 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 10<sup>th</sup> 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