

Assessment, Prevention and Alleviation of Pain and Distress in Laboratory Animals

8th April - 10th April 2019

Comparative Biology Centre, Newcastle University, Medical School,
Framlington Place, Newcastle Upon Tyne, NE2 4HH

Course tutors: PAF – Professor Paul Flecknell

JVR – Dr. Johnny Roughan

ML - Dr. Matt Leach

AM – Dr Amy Miller

Monday 8th April

10:00 Coffee and Registration

10:15 Introduction and use of iPads (PAF)

10:30 What is pain and distress? (ML)

11:15 Pain and Nociception - practical physiology (PAF)

12:00 Measuring pain – research tools and practical approaches (JVR)

13:00 Lunch

13:45 Cage-side means of assessing Pain - Behavioural scoring, Rat (JVR)

14:30 Cage-side means of assessing Pain - Behavioural scoring, Mice (AM)

15:15 Tea

15:30 Cage-side means of assessing Pain - Behavioural scoring, Rabbit (ML)

16:15 Problems of behaviour-based assessment (JVR)

17:15 Close

Tuesday 9th April

- 9:00 Analgesics - Practical Pharmacology (1) (PAF)
- 9.45 Pain Faces - what are they and why should we use them (ML)
- 9:45 Scoring pain faces in mice - how to do it (ML)
- 10:30 Coffee
- 10.50 Scoring pain faces in mice - how to do it (ML)
- 11.30 Scoring pain faces in rats - how to do it (ML)
- 12.15 Scoring pain faces in rabbits - how to do it (ML)
- 1.00 Lunch
- 13:45 Further refinements in mouse pain assessment and management (JVR)
- 14.30 Cage side assessment of pain and distress – what are we assessing and how do we do it? (PAF)
- 15:15 Tea
- 15.30 Analgesics – Practical Pharmacology (2) (PAF)
- 16.30 Close
- 19:30 Dinner at “Peace and Loaf” Restaurant, 217, Jesmond Road, Newcastle

Wednesday 10th April

09:00 Analgesics - what to give, when and how (PAF)

09.45 Problem solving - use of analgesics in a research environment
(PAF)

10:30 Coffee

11:00 Problem solving - use of analgesics in a research environment - continued
(PAF)

12.00 General discussion

12.30 Lunch

13.15 Using analgesics in a research environment - problems and pitfalls (PAF)
(PAF)

14.00 Close