
Program Module C, Experimental Research Techniques and Radio-telemetry, 3-days

Day 1: Basic microsurgical techniques

09.00 - 09.30 Welcome, introduction and expectations for the course

09.30 - 10.45 Good Surgical Practice (GSP)

10.45 - 11.00 Coffee and tea

11.00 - 11.45 Instruments

11.45 - 13.00 Suture materials and suture techniques

Practical exercises:

14.00 - 15.30 Microsurgical suture techniques on a latex glove

15.30 - 17.00 Anastomoses techniques on artificial vessels, using the MD PVC-Rat

Day 2: Experimental surgical techniques I

09.00 - 09.30 Vascular access

09.30 - 10.15 Jugular vein catheterization (stress-free blood sampling)

10.15 - 10.30 Coffee and tea

Practical exercises:

10.30 - 17.00 Implantation ECG electrodes in the rat or mouse

Day 3: Experimental surgical techniques II

09.00 - 10.15 Anaesthesia including peri-operative care

10.15 - 10.30 Coffee and tea

10.30 - 11.00 Tips and tricks for BP/ECG implantation

Practical exercises:

11.00 - 16.00 Implantation abdominal/subcutaneous ECG module in the rat or mouse

16.00 - 16.30 Closing remarks and course evaluation