

Program Module C, Implantation Techniques in Radio-telemetry

Day 1: Basic microsurgical techniques

- 09.00 - 09.30 Welcome, introduction and expectations for the course
- 09.30 - 10.00 Non-surgical techniques and surgical anatomy of the rat
- 10.00 - 10.15 Coffee and tea
- 10.15 - 11.00 Instruments
- 11.00 - 12.00 Suture materials and suture techniques

Practical exercises:

- 13.00 - 14.30 Microsurgical suture techniques on a latex glove
 - 14.45 - 17.00 Anastomoses techniques on artificial vessels, using the MD PVC-Rat
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Day 2: Implantation techniques I

- 09.00 - 09.30 Vascular access
- 09.30 - 10.15 Past, present and future of radio-telemetry
- 10.15 - 10.30 Coffee and tea

Practical exercises:

- 10.30 - 12.30 Implantation ECG module and closure of the abdominal wall (muscle and skin)
 - 13.30 - 17.00 Implantation ECG/BP module, carotid artery and/or abdominal aorta (rat or mouse)
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Day 3: Implantation techniques II

- 09.00 - 10.15 Anaesthesia including peri-operative care
- 10.15 - 10.30 Coffee and tea
- 10.45 - 11.15 Other physiological parameters measured by radio-telemetry (if applicable)

Practical exercises:

- 11.15 - 16.00 Implantation ECG/BP module, carotid artery and/or abdominal aorta (rat or mouse)
- 16.00 - 17.00 Closing remarks