

## Program Primetech iPRECIO® pump implantation in rats and mice

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### **Day 1: Basic microsurgical techniques**

- 09.00 - 09.30 Welcome, introduction and expectations for the course
- 09.30 - 10.00 Good Surgical Practice (GSP) in the rat
- 10.00 - 10.15 Coffee and tea
- 10.15 - 11.00 Instruments
- 11.00 - 12.00 Suture materials and suture techniques
- Lunch

#### ***Practical exercises:***

- 13.00 - 15.00 Microsurgical suture techniques on a latex glove
- 14.45 - 17.00 The iPRECIO pump, general techniques including programming the pump

### **Day 2: Experimental surgical techniques I**

- 09.00 - 10.30 Subcutaneous implantation, important surgical factors
- 10.30 - 10.45 Coffee and tea

#### ***Practical exercises:***

- 10.45 - 12.45 Subcutaneous pump implantation in the rat
- Lunch
- 13.45 - 17.00 Subcutaneous pump implantation in the rat or mouse

### **Day 3: Experimental surgical techniques II**

- 09.00 - 10.30 Anaesthesia including peri-operative care
- 10.30 - 10.45 Coffee and tea

#### ***Practical exercises:***

- 10.45 - 12.45 Subcutaneous pump implantation in the rat or mouse with intraperitoneal administration
- Lunch
- 13.45 - 17.00 Subcutaneous pump implantation in the rat with intravenous administration

### **Day 4: Experimental surgical techniques III**

- 09.00 - 10.00 Asepsis
- 10.00 - 11.00 Intravenous administration in the mouse
- 11.00 - 11.15 Coffee and tea

#### ***Practical exercises:***

- 11.15 - 17.00: Intravenous administration in the rat or mouse portal or femoral vein. Lunch break

### **Day 5: Experimental surgical techniques IV**

- 09.00 - 10.00 Discussion on requested techniques (ICV, intra-thecal, intra cisternal etc.)
- 10.00 - 10.15 Coffee and tea

#### ***Practical exercises:***

- 10.15 - 16.00 Techniques of request. Lunch break
- 16.00 - 16.15 Course evaluation