



## AGENDA - EALAS Conference Rome

### Wednesday 22. November 2023

#### Workshop Morning session: Dry Lab

##### **09:00 -12:30**

The objective of this workshop is to become familiar with basic microsurgical techniques, and is sought for scientists and lab technicians. This workshop is for neophytes and for those who need to refresh their skills after a period of inactivity. It starts with a short lecture on how to set up a microscope and about the specific microsurgical instrumentation. The lecture will be followed by a directed hands-on workshop of 150 min of 6 hands-on exercises. The exercises will be demonstrated by video before each session.

#### Workshop Afternoon session: Wet Lab

##### **14:00-17:30**

The objective of this workshop is to allow the participants to work under the highest standards of vascular catheterization in experimental models. It could welcome both junior surgeons willing to learn the basics of rodent vascular catheterization and more experienced surgeons who are looking for refinement "tips and tricks". The workshop will start with an aseptic condition briefing. Demonstration videos of a rat jugular vein catheterization and access button fixation will follow. Attendees will be invited to perform their own catheterization, under the supervision of international experts. If time allows, more experienced surgeons will be encouraged to continue with additional procedures such as carotid artery or femoral vein/artery catheterization.

### **19:00-23:30**      **Get-together & Welcome Reception**

Courtyard by Marriott Hotel

Pineto Terrace

Via Giuseppe Moscati, 7, 00168 Rome

Thursday 23. November 2023

<b>9:00-12:30</b>	<b>Session 1: Back to basics</b>
9:00-9:05	Initial greeting from Catholic University
9:05-9:15	Welcome and practicalities; EALAS missions and special thanks
9:15-10:00	Keynote presentation: "30 years of experimental surgery"
10:00-10:30	How to convince your colleagues to work under aseptic conditions
10:30-11:00	Applying state of the art suturing techniques in experimental surgeries
<i>11:00-11:45</i>	<i>Coffee break</i>
11:45-12:15	3D Printed models of rodent skull for stereotaxic surgeries training
<i>12:15-14:00</i>	<i>Lunch with the vendors - networking</i>
<b>14:00-17:15</b>	<b>Session 2: Perioperative management</b>
14:00-14:30	Anaesthetic safety and medication errors
14:30-15:00	Pain assessment methods
<i>15:00-15:45</i>	<i>Coffee break</i>
15:45-16:15	Case study: anaesthesia protocol for thoracotomies refinement
16:15-16:45	Advancing surgical recovery assessment through technological innovation : experimental applications using home cage monitoring
16:45-17:15	How Openness and Transparency about the ways in which animals are used in scientific and medical research can improve public acceptance and understanding
<b>17:15-17:45</b>	<b>Short presentation session</b>
<i>17:45-18:15</i>	<i>General assembly 30 min EALAS members only</i>
<i>18:45-22:30</i>	<i>Social Dinner</i>

Friday 24. November 2023

09:00-12:15	<b>Session 3: Refining your surgical models - Communication</b>
09:00-09:30	Refinement of vascular catheterization in rodents
09:30-10:00	Refinement of vascular catheterization in large animals
10:00-10:30	Different methods of cell delivery for cardiac regenerative therapy in a pig model of acute myocardial infarction
<i>10:30-11:15</i>	<i>Coffee break</i>
11:15-11:45	laparoscopic technique for partial hepatectomy in the rat
11:45-12:15	Refinement approaches of a cardiothoracic guinea pig model for cell transplantation
<i>12:15-14:00</i>	<i>Lunch with the vendors or "on the go"</i>