

# Spain and Portugal animal welfare, model refinement and advocacy webinar: technology and science

3R-supporting approaches improving the validity of biomedical studies

Tuesday, May 17<sup>th</sup> 10:00 am - 1:00 pm (CET)

10:00 - 11:00

- **Lluis Montoliu**

CSIC Research Scientist, CIBERER researcher National Centre for Biotechnology (CNB-CSIC)

*Revisiting 3Rs in current laboratory animal research*



- **Nuno Henrique Franco**

Researcher i3S – Institute for Innovation and Health Research, University of Porto

*Stress-induced hyperthermia in mice from routine procedures - why it matters*



- **Maria Rodriguez Aburto**

Lecturer/Group Leader, University College Cork/APC Microbiome Ireland

*Modelling C-section delivery in mice to study early-life gut microbiota*



11:00 - 12:00

- **Stefano Gaburro**

Global Scientific Director, Digilab Solutions, Tecniplast S.P.A.

*DVC<sup>(R)</sup> - 24/7 welfare and phenotyping in Digital Ventilated Cages*



- **Carlos Núñez de la Calle**

Predocctoral fellow, Pharmacology and Toxicology Department, Faculty of Medicine, Universidad Complutense de Madrid

*The use of vascular access buttons in intravenous fentanyl self-administration: it does make a difference!*

- **Thomas Penning**

Sales Director, Europe at Instech Laboratories

*3R-supporting approaches for blood sampling in rodents*



- **Marta Giral Pérez**

European Diploma in Laboratory Animal Medicine, Designated Veterinarian and Head of Animal Welfare, Almirall, S.A., Barcelona.

*Blood sampling in rodents: update and refinement opportunities*

12:00 - 12:50

- **Ana Maria Valentim**

Researcher at IBMC/ i3S

*ZEBREFINE- a Portuguese project to refine zebrafish anaesthesia*



- **Inês Serrenho**

EARA Ambassador - Portugal



*How the global biomedical community is moving towards openness and transparency on animal research*

- **Torben Hager**

Account Manager Germany, Data Sciences International

*Refining physiological and behavioral phenotyping*



Info & registration:

<https://my.demio.com/ref/ch8ptyFcQmNdgiTu>

Hosted and moderated by Lluis Montoliu, CSIC and CNB, Madrid, Spain