

# 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

- **Lluís 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**  
Predoctoral 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 Lluís Montoliu, CSIC and CNB, Madrid, Spain