

# 47th BCLAS Annual Symposium

## Confirmed Speakers

### Keynote Lectures

#### **Ethical Aspects of the Use of Artificial Intelligence in the Field of Laboratory Animal Science (KL02)**

Stef AERTS  
(ODISEE, Sint-Niklaas, Belgium)

#### **Modern Animal Welfare Science: From Avoiding Harm to a Dynamic Continuum Approach (KL01)**

Jeroen STEVENS  
(ODISEE, Sint-Niklaas, Belgium)

### Plenary Lectures

#### **Tat-Fit for Inducible Transgenesis: A Pharmacokinetic Perspective on a Non-Invasive Refinement (PL05)**

Charlotte BAKER  
(CANCER RESEARCH UK CAMBRIDGE INSTITUTE, Cambridge, United Kingdom)

#### **The Use of Digital Ventilated Cages: an Animal Caretaker's and a Management's Perspective (PL01)**

Natascha BROERSMA (UMC GRONINGEN, Groningen, The Netherlands)

Ronald VAN OS (UMC GRONINGEN, Groningen, The Netherlands)

#### **Report from a Project Funded by the BCLAS 3R's Fund Jean Maisin: Immersive Simulation for Teaching Veterinary Anesthesia Skills (PL04)**

Annelies DECLOEDT  
(UGENT, Merelbeke, Belgium)

#### **ZEFIX : Animal Platform Dedicated to Fish Science & Welfare in Montpellier, France - Focus on Pain Assessment during Cardiac Surgery in Zebrafish (PL06)**

Aurélien DROUARD  
(INSTITUT DE GÉNOMIQUE FONCTIONNELLE, Montpellier, France)

#### **Unsupervised Videotracking: A Promizing Tool for the Neurological and Behavioral Evaluation of Mice (PL07)**

Mutien-Marie GARIGLIANY  
(ULIÈGE, Liège, Belgium)

#### **Refining Oral Drug Administration in Rodents: Validation Micropipette-Guided Drug Administration (MDA) Method Across Multiple Applications (PL03)**

Olga KRZYZANIAK (UNIVERSITY OF ZURICH, Schlieren, Switzerland)

Frida NILSSON (UNIVERSITY OF ZURICH, Schlieren, Switzerland)

#### **Research on the Use of AI in Follow-up of Pigs, Cows, Chickens and Fish (PL02)**

Jarissa MASELYNE  
(ILVO, Merelbeke-Melle, Belgium)

#### **Using AI to analyse mouse behaviour and the impact on the 3Rs (PL08)**

Christophe VARIN  
(ULB, Brussels, Belgium)

### Oral Communications

#### **Technical and Practical Challenges in the Anaesthesia of Immunodeficient Mice: A Case Study (OC01)**

Silke ANDRIES  
(UANTWERPEN, Wilrijk, Belgium)

#### **Evaluating the Impact of Chorion Removal and Handling on Zebrafish Embryo Survival (OC02)**

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Joachim COBBAUT  
(UANTWERPEN, Wilrijk, Belgium)

**Facilitating the Use of New Approach Methodologies by Centralizing Available Expertise in the Re-Place Platform (OC03)**

Maude EVERAERT  
(VUB, Jette, Belgium)