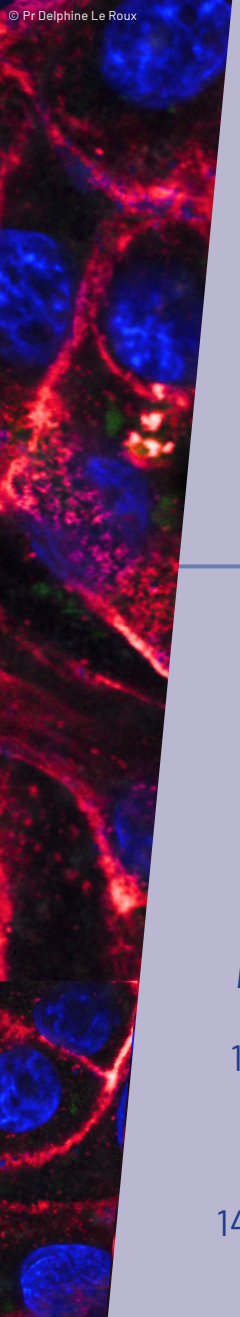

REPLACEMENT IN IMMUNOLOGY *and* INFECTIOUS DISEASES

Swiss 3R Competence Centre

A **webinar** co-organised by the **French** and **Swiss** 3R centres

November 10th, 2026

13:30 – 17:00 (CET)

Open registration

click **here** or

scan there:

Swiss accreditation for **0.5 day** of continuing education for animal experimentation *(pending confirmation)*

13:30 ***Opening***

Next-generation replacement methods to model immune responses

13:40 - 14:05 **Opening talk:** Advances in replacing animal experiments to decipher tumor-immune cell interactions
Pr Petya Apostolova, University of Basel

14:05 - 14:30 DigiTREAT: Building a Digital Twin for the personalised treatment of RhEumatoid ArthriTis
Pr Anna Niarakis, Centre de Biologie Intégrative, Toulouse

14:30 - 14:55 Advanced HSPC tools for studying myeloid cell reprogramming in infection and immunity
Pr Julia Esser-von Bieren, University of Lausanne

14:55 - 15:10 *Break*

New approaches to studying infection and host-pathogen interactions

15:10 - 15:35 ReMiRa : Replacing Mice for Rabies-related activities
Dr Marine Wasniewski, Agence nationale de sécurité sanitaire, Nancy

15:35 - 16:00 Advancing the 3Rs in Respiratory Virus Research: From Human Airway Epithelia to High-Throughput Airway Organoids
Pr Caroline Tapparel, University of Geneva

16:00 - 16:25 Feline cellular models to study interactions between *Toxoplasma gondii* and its definitive host at the intestinal level
Pr Delphine Le Roux, Ecole Nationale Vétérinaire d'Alfort, Maisons-Alfort

16:25 - 16:50 A versatile human *in vitro* model to study parasite infections
Malenka Kunz, Swiss Tropical and Public Health Institute

16:50 - 17:00 Tools to identify alternatives methods

17:00 ***Closing***