

REPLACEMENT IN IMMUNOLOGY *and* INFECTIOUS DISEASES



3 R Swiss 3R
C C 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

Dr Petya Apostolova, University of Basel

14:05 – 14:30 DigiTREAT: Building a Digital Twin for the personalised treatment of Rheumatoid Arthritis

Dr Anna Niarakis, Centre de Biologie Intégrative, Toulouse

14:30 – 14:55 Advanced HSPC tools for studying myeloid cell reprogramming in infection and immunity

Dr 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

Dr 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

Dr 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*