



International Alliance for
Biological Standardization



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Dr Emmanuelle Coppens is a Global Analytical Expert in 3Rs and Immunology with the mission to coordinate removal of *in vivo* analytical testing for vaccines within Sanofi company. She graduated from French National Veterinary school with a specialty diploma in laboratory animal science and with a thesis in Molecular Virology. After a first experience in Pierre Fabre (human medicine company) research center Animal Resources department (Castres, France), she joined Sanofi Pasteur (Human vaccines and sera company) Quality Control (QC) department in the vicinity of Lyon, France.

She was head of a QC laboratory unit dedicated to analytical testing and animal derived reagents production and then moved to transversal activities. In parallel to being an expert in neurovirulence and tumorigenicity (histopathology), she was in charge of analytical lifecycle management projects as well as compendial monitoring for *in vivo* analytical testing and AAALAC accreditation of animal facilities.

Her fields of expertise are *in vivo* & *in vitro* bioassays, neurovirulence and safety *in vivo* testing, applicable to human vaccines and biologicals. She is a member of EPAA (European Partnership of Alternative Approaches) Industrial Steering Committee and of EPAA project "3Rs Harmonization in Biologicals" as well as a member of the International Steering Committee of the HIS project "Promotion of implementation plans for and was non-animal batch-release testing for human vaccines". She was also a member of the expert working group within previous NC3Rs project "Review of animal use requirements in WHO biologics guidelines".