



2nd Symposium for Emerging Viral Diseases

Campus Biotech, Geneva, Switzerland, 10-12 April 2019

<https://www.unige.ch/emerging-virus-symposium/>

Hervé Bourhy: Rabies Risk in Europe and Beyond



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Hervé Bourhy, DVM, PhD, is the head of the Unit Lyssavirus Epidemiology and Neuropathology, National reference Centre for Rabies, and WHO Collaborating Centre for Reference and Research on Rabies at Institut Pasteur, Paris, France. He has been involved in a continuum of activities between fundamental and basic research, development and field applications. He has published 149 papers in international peer-reviewed journals in the fields of virology, epidemiology and public health.

Research in the laboratory of Hervé Bourhy (<https://research.pasteur.fr/fr/project/lyssavirus-dynamics-and-host-adaptation/>) centers on:

- studying the biology and ecology of lyssavirus-host relationships. The aim is to approach the study of lyssavirus and host interplay from the level of dynamics of infection into the host population to the molecular mechanisms conditioning the early response of the cells to lyssavirus infection and the virulence of lyssaviruses in a new host species.
- the process of neuropathogenesis and the interplay between the different cell types present in the central nervous system (CNS).
- The development of new approaches for antiviral strategies and rabies post-exposure prophylaxis in humans