

Centre  
International  
de Recherche  
en Infectiologie



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## VIRUS AND IMMUNITY, European teaching unit

1-12/02/2016, amphitheater « Biologie », ENS-Lyon, France

**Coordinators of the course:** **Branka HORVAT** (branka.horvat@inserm.fr)  
**Viktor VOLCHKOV** (viktor.volchkov@inserm.fr)

**Web site:** <http://ciri.inserm.fr/enseignement/european-teaching-unit/>

### Monday 1/02

- 9H30-10H **Introduction** (V. Volchkov, B. Horvat, International Center for Infectiology Research, Lyon)
- 10H-12H **Grant McFADDEN** (Depart. Molecular Genetics and Microbiology, University of Florida, USA), *LabEx ECOFECT*  
«Lessons from Myxoma Virus on Viral-Host Ecology and Co-evolution»
- 14H-16H30 **Alexandra R. LUCAS** (University of Florida, USA)  
“Viral Immune Modulators - Guides to New Drug Discovery ».

### Tuesday 2/02

- 9H30-12H **Sandra JUNGLEN** (Institut of Virology, Bonn, Germany, *LabEx ECOFECT*.  
« Evolutionary and ecological insights into the emergence of arthropod-borne viruses »
- 14H-16H30 **Siamon GORDON** (Sir William Dunn School of Pahtology, University of Oxford, UK)  
« The Versatile Macrophage: Immunobiology/virology»

### Wednesday 3/02

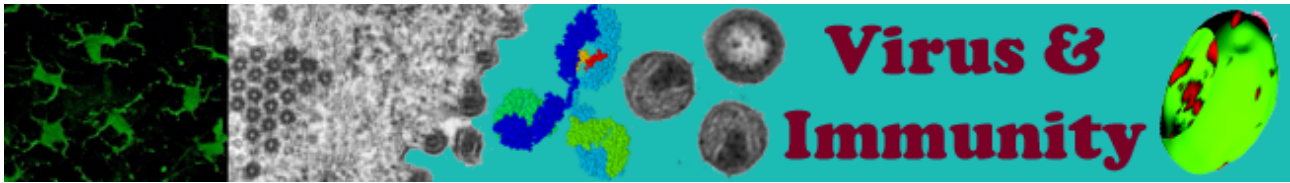
- 9H30-12H **Thierry WALZER** (CIRI, INSERM U1111, Lyon)  
« NK cells in the control of infections »
- 14H-16H30 **Branka HORVAT** (International Center for Infectiology Research, CIRI, LabEx ECOFECT, Lyon) «Emerging contagion: immunopathogenesis of Nipah virus infection»

### Thursday 4/02

- 9H30-12H **Adrian HAYDAY** (Guy's King's & St Thomas Medical School, London, UK)  
« Gamma Delta T cell responses bridge innate and adaptive immunity »
- 14H-16H30 **Daniel GONZALEZ-DUNIA** (INSERM, UMR 1043, Toulouse)  
« A journey through the interactions between viruses and the brain: advantages and challenges of the Bornavirus paradigm ».

### Friday 5/02

- 9H30-12H **Julien C. MARIE** (Cancer Research Center, Lyon, INSERM 1052 CNRS 5286)  
« TGF-beta and regulation of the immune response»
- 14H30-17H **Maan ZREIN** (INFYNITY-BIOMARKERS, Lyon, France)  
« Converting academic research into industrial applications: Design of diagnostics assays with a focus on virology »



**MASTER BIOSCIENCES, Ecole Normale Supérieure de Lyon**

**2<sup>nd</sup> week**

**Monday 8/02**

- 9H30-12H **Benedikt KAUFER** (Institute of Virology, Berlin, Germany)  
« Herpesvirus latency: From neuronal models to integration into host telomeres. »
- 14-18H **ROUND TABLE** (Viktor VOLCHKOV, International Center for Infectiology Research, CIRI, LabEx ECOFECT, Lyon)

**Tuesday 9/02**

- 9H30-12H **Daniel KOLAKOFSKY** (Department of Microbiology and Molecular Medicine, University of Geneva Medical School, Geneva, Switzerland :  
« A short biased history of RNA viruses
- 14H-16H30 **Patrick LOMONTE** (Institut NeuroMyoGène, INSERM-U1217, CNRS/UCBL, Villeurbanne, France)  
« Immune and epigenetic control of herpes simplex virus latency»

**Wednesday 10/02**

- 9H-11H30 **Sander HERFST** (Department of Viroscience, Erasmus Medical Centre, Netherlands)  
« Influenza: From zoonoses to pandemics»
- 14H-16H30 **François-Loïc COSSET** (International Center for Infectiology Research, CIRI, LabEx ECOFECT, Lyon) « HCV-lipid metabolism interconnections and virus propagation: opportunities for the development of novel antiviral strategies »

**Thursday 11/02**

- 9H30-12H **Viktor VOLCHKOV** (International Center for Infectiology Research, CIRI, LabEx ECOFECT, Lyon) « Filoviruses: Molecular basis of the pathogenicity».

**Friday 12/02**

- 14H-16H **Written examination, ENS-Lyon.**