

Research group: Nicolas GILLET



Innate immunity and viruses

The APOBEC3-mediated innate immune response: antiviral activity and role in human cancer



Integrated Veterinary
Research Unit (URVI)





Cartography of mutational processes that drive the evolution of human viruses (F. Poulain)

APOBEC3-mediated innate response against human adenoviruses

- Role of APOBEC3B as an adenovirus restriction factor (N. Lejeune)
- Improvement of packaging cell lines for adenoviral vector production (Z. Blockx)
- Antagonization of the APOBEC3B protein by adenoviruses (S. Mathieu)
- Regulation of APOBEC3B protein stability during adenoviral infection (M. Collard)

APOBEC3-mediated innate response against the human coronavirus SARS-CoV-2

- Role of APOBEC3G as a SARS-CoV-2 restriction factor (A. Decloux, J. Exposito-Trivino)

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