



# MICROB'UP Webinar

Friday, December 15th, 2023

## Respiratory Viruses/Host Cell Interactions

Host Laboratory : Ali Amara

(<https://gencelldis.fr/a-amara-team/> ; Biology of Emerging Viruses, Institut de recherche Saint Louis, Paris)



15th Dec 2023



At 11 am  
Paris Time (GTM +1)



ZOOM, follow the link bellow

### Registration

<https://microb-up.u-paris.fr/webinar/>

11H00

**Caroline Goujon**



Institut de recherche en infectiologie de Montpellier (IRIM)

*CRISPR screens to identify human genes regulating SARS-CoV-2*

Caroline Goujon did her PhD (2003-2007) at the Ecole Normale Supérieure of Lyon, on HIV-1 restriction in myeloid cells. She did her postdoc in Prof. Michael Malim's group, King's College London (2008-2014), where she studied the interplay between HIV-1 and the interferon response. In 2015, she started her lab at the IRIM (Montpellier), thanks to the support of an INSERM position, an ATIP-Avenir grant and, later on, an ERC Starting Grant. Using major pathogenic viruses (mainly respiratory viruses nowadays) as models, Caroline's team study the intrinsic and innate cellular defense mechanisms against viral infections. Caroline was recently awarded an ERC Consolidator Grant in 2017 to pursue her work on respiratory viruses.

11H50

**Nell Saunders**

Institut Pasteur, Paris

*Unraveling the secrets of seasonal coronavirus HKU1 entry*

After her engineering degree at Ecole Polytechnique, Nell Saunders pursued a master at EPFL. She then started her master thesis and her PhD at Institut Pasteur in the Virus and Immunity Unit directed by Olivier Schwartz. Her work was first focused on Variants of Concern of SARS-CoV-2 and their immune escape. She then switched to study the seasonal coronavirus HKU1, and identify the role of TMPRSS2 as its receptor.

12H10

**Tim Krischuns**

Institut Pasteur, Paris

*Advances in the understanding of influenza virus mRNA transcription and genome replication*

Tim Krischuns is a German virologist with a focus on the fundamental mechanisms of influenza virus infection. He initiated his work on influenza viruses in the laboratory of Dr. Stech on the island of Riems, Germany. Subsequently, he earned his Ph.D. in Virology from the University of Muenster, Germany, where he delved into host-cell signaling during viral infection. Currently, he serves as a Postdoctoral Researcher at Institut Pasteur in Paris, part of Dr. Naffakh's team, studying essential interactions between the influenza virus polymerase and nuclear host proteins."

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