

# Raphaël GAUDIN, PhD

Team "[Membrane Dynamics & Viruses](#)"

CNRS UMR9004 – Institut de recherche en infectiologie de Montpellier (IRIM)  
1919, route de Mende 34090 Montpellier, France

Twitter [@Gaudinlab](#) Tel: +33 (0) 4 34 35 94 78 [raphael.gaudin@irim.cnrs.fr](mailto:raphael.gaudin@irim.cnrs.fr)

## Education

- 2017 **Habilitation à Diriger des Recherches (HDR)**  
University of Strasbourg, France
- 2008-2012 **Ph.D in Microbiology and Virology**  
Institut Curie, INSERM, University Paris City, France
- 2006-2008 **Undergraduate degree, Master of Basic Virology**  
Sorbonne University & Institut Pasteur, France
- 2003-2006 **Bachelor Degree, License of Biochemistry and Cell Biology**  
University of Burgundy, Dijon, France

## Research Experience

- From Oct 2022 **Research Director 2<sup>nd</sup> class (DR2) – Team leader**  
CNRS – IRIM UMR9004, Montpellier, France.
- 2018-2022 **Junior group leader (Chargé de recherche)**  
CNRS – IRIM UMR9004, Montpellier, France.
- 2016-2020 **Atip-avenir Junior group leader**  
Institute of Viral and Liver Disease - INSERM U1110, Strasbourg.
- 2012-2016 **Post-doctoral fellow**  
Harvard Medical School and Boston Children's Hospital, Boston, USA. Lab: Tom Kirchhausen.
- 2008-2012 **Ph.D Candidate**  
Institut Curie - INSERM U932, Paris, France. Lab: Philippe Benaroch.
- 2008 **Graduate Training (Master 2)**  
Institut Pasteur, Paris, France. Lab: Pierre Charneau.
- 2006-2008 **Visiting Scientist (total of 6 months)**  
Karolinska Institutet, Stockholm, Sweden. Lab: Mathias Lundberg.

## Publication facts

Full peer-reviewed publication list is [here](#)

43 peer-reviewed articles, 7 preprints

19 corresponding/co-corresponding author publications

9 review articles, 2 editorials

2 international patents

## Research funding obtained

Ongoing:

- Mar 2023 **ANR isiBrain** (coordinator), 4 years. Project: Impact of SARS-CoV-2 on brain functions.
- Jan 2022 **Labex NUMEV** (partner), 3 years. Saliva Aerosolization, Transport and viral Infection by Speech (SATIS).

- Jan 2022 **Region Occitanie** (coordinator), 1.5 years. Evaluation of the potential of molecules targeting intracellular dynamics as antiviral molecules against SARS-CoV-2.
- Oct 2021 **Sidaction** (coordinator), 2 years. Project: Migration of HIV-infected monocytes in brain organoids.
- Jul 2021 **ANR CIBORG** (partner), 4 years. Project: Imaging of post-mortem brain slices and cerebral organoids to develop an innovative AI-driven platform.
- Mar 2021 **ANR MigraVir**, (coordinator), 4 years. Project: Molecular determinants underlying Zika virus-induced cell migration.

## Awards

- Mar 2017 **Decouverte Chine travel award to initiate a franco-chinese collaboration**, from the French-Chinese embassies. 4k€ based on expenses.
- Dec 2013 **Prix solennel de la Chancellerie des universités de Paris**.
- Sept 2013 **PCMM Scientific retreat**, Best Poster Award.
- Jun 2012 **Philippe Foundation** for young scientist.
- Mar 2011 **Keystone meeting: HIV Pathogenesis**, AIDS Research travel award.
- 2011 **Olympus BioScapes Scientific Video winners**, Honorable mention.

## Editorial experience

Editor-in-Chief "Cell Biochemistry & Function", Editorial board at "Biology of the Cell".  
 Reviewer for *Nature Microbiol*, *Sci Advances*, *Nature Comm*, *Cell Rep*, *J Virol*, *Biol Cell*, *Curr Opin Virol*, *Sci Rep*, *Science matters*, *IJMS*, *Front Cell Inf Microbiol*, *ACS J Med Chem*.

## Participation in scientific societies

### International congress organizer:

- Oct 2022 International workshop "**Blood-Tissue Interfaces**" in Montpellier.
- Sept 2022 International meeting **Cell La Vie!** (formerly Building the Cell) in Paris.
- Jan 2022 Second international meeting "**Cell Biology of Coronaviruses**".
- Jan 2021 First international eMeeting "**Cell Biology of Coronaviruses**".

### International congress chairman:

- Dec 2020 Co-chair of the minisymposium "Cells in Distress and Disease" at the international Cell Bio meeting organized by **ASCB/EMBO**.
- May 2018 Co-chairman of the session "Adhesion of circulating cells" at the 7<sup>th</sup> **French cell adhesion club symposium**, Strasbourg.

### Nomination & Membership:

- 2020 Member of the **French Society for Virology** (SFV)
- 2019 Nominated as "full member" of the **World Society for Virology** (WSV).
- 2019-2022 Re-elected member of the counsel of the "**Société de Biologie Cellulaire de France**" (SBCF).