

Julie CHAUMEIL - PhD, HDR, CRCN Inserm

Co-leader of the team "Epigenetics and Nuclear Functions in Human Diseases" (with Dr. Benoit Miotto)

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SCIENTIFIC PROFILE

Epigenetics – Nuclear organization – Genome regulation and conformation - DNA recombination

Cell differentiation – X chromosome inactivation – Hematopoiesis –Leukemia – X-linked immune diseases

EDUCATION-POSITION

2022	HDR (Habilitation - Accreditation to direct PhD research). Université Paris Cité, Paris, France
Since 2020	Inserm research scientist permanent position (CRCN CSS1)
2006	PhD in Molecular Genetics . With distinction. Université Paris-Saclay/Institut Curie, Paris, France
2002	MSc in Genetics . With distinction. UPMC/Sorbonne Université, Paris, France
2000	BSc in Molecular and Cellular Biology and Genetics . UPMC/Sorbonne Université, Paris, France

RESEARCH EXPERIENCE

Since 2025	Co-team leader	Institut Cochin (CNRS UMR8104/Inserm U1016/U. Paris Cité), France <i>Team "Epigenetics and nuclear functions in human diseases" (with Dr Benoit Miotto)</i>
2016-2024	Junior team leader	Institut Cochin (CNRS UMR8104/Inserm U1016/U. Paris Cité), France <i>Team "Epigenetics and Nuclear Organization in Recombination and Development"</i>
2014-2016	Postdoctoral work	Lab of Pr. Edith Heard – Institut Curie (CNRS UMR3215 / Inserm U934), France <i>Role of genome and nuclear organization in monoallelic gene regulation.</i>
2008-2013	Postdoctoral work	Lab of Pr. Jane Skok - New York University Medical Center, USA <i>Regulation of the nuclear organization of antigen-receptor loci during lymphocyte development: Implications for monoallelic recombination and genome integrity.</i>
2007-2008	Postdoctoral work	Lab of Pr. Jenny Graves - Australian National University, Australia <i>Evolution of epigenetic mechanisms underlying X-inactivation across Mammals.</i>
2002-2006	PhD work	Supervised by Pr. Edith Heard - Institut Curie (CNRS UMR 218), France <i>X-chromosome inactivation in mice: Role of epigenetic modifications and nuclear organization in the regulation of gene expression during development.</i>

FUNDING

2025-2029	French National Cancer Institute: INCa/PL-BIO collaborative grant (France) – 200k€ for the team
2021-2025	French National Research Agency: ANR/AAPG collaborative grant (France) – 200k€ for the team
2021-2025	French National Cancer Institute: INCa/PL-BIO collaborative grant (France) – 200k€ for the team
2018-2021	French National Cancer Institute: Plan Cancer collaborative grant (France) – 200k€ for the team
2017-2018	French Foundation for Cancer Research: Fondation ARC grant (ARC, France)
2016-2021	CNRS & INSERM: ATIP-Avenir junior group leader grant (France)
2014-2016	French Foundation for Cancer Research: Post-doctoral Fellowship (ARC, France)
2011-2013	Cancer Research Institute: Post-doctoral fellowship (USA)
2007-2008	French Foundation for Cancer Research: Post-doctoral fellowship (ARC, France)
2005-2006	French League against Cancer: Doctoral fellowship (La Ligue, France)
2002-2005	French Ministry of Research: Doctoral fellowship (France)

TRAINING - TEACHING

Training / Supervision

Students:

Since 2009 1 PhD (co-supervision) - 5 Master 2, 10 Master 1, 2 Bachelor students

Lab members (technicians, engineers, post-doctoral and permanent researchers):

Present:	03/2024 -	Dr Katia Ancelin, permanent research scientist (CRHC, CNRS)
	06/2018 -	Delphine Ndiaye-Lobry, permanent study engineer (IE, CNRS)
Past:	11/2023 – 10/2024	Dr Rémi-Xavier Coux, post-doctoral researcher
	07/2021-09/2022	Alexandra da Silva Babinet, Study engineer (IE, Inserm)
	03/2017-08/2019	Dr Eralda Salataj, post-doctoral researcher

University jury member

PhD / HDR (Accreditation to supervise PhD research) / Assistant professor / Master jury

- 2023 HDR (reviewer): Dr Maud Borensztein, Université de Montpellier, France
- 2023 HDR (reviewer): Dr Pierre-Alexandre Vidi, Université d'Angers, France
- 2022 Master 1 "Magistère de Génétique", Université Paris Cité, France
- 2021 Assistant Professor jury, Université Paris Cité, France
- Since 2018 7 PhD: 6 as examiner, 1 as reviewer
Sorbonne Université / Université Paris Cité / Université de Montpellier, France
- 2018 Master 2 "Magistère de Génétique", Université Paris Cité, France

PhD mentoring committee (since 2016)

- Since 2016 13 committees from Université Paris Cité, Sorbonne Université, Université Paris-Saclay, Université Toulouse III-Paul Sabatier, Ecole Normale Supérieure de Lyon - France

Teaching

- Since 2016 Sorbonne Université (France) - Master 1 'Molecular & Cellular Biology' (2h/year)
- Since 2016 Université Paris Cité (France) - Master 2 'Genetics' (Magistère de Génétique) (2h/year)
- Since 2015 Ecole Normale Supérieure (France) - Master 2 'Life Sciences' (2h/year)
- Since 2015 Université Paris Cité (France) - License 2 'Health Science' (2h/year)
- 2014-2015 Institut Curie (France) - International 'Epigenetics' course (2h/year)
- Since 2013 Université Paris-Saclay (France) - Master 2 'Biology-Health' (2h/year)

SCIENTIFIC ACTIVITIES / COLLECTIVE RESPONSABILITIES

Scientific networks and societies

- Since 2024 Member of the board of the French Genetics Society (SFG)
- 2018-2023 Member of the International Nucleome Consortium (European COST action)

Collective responsibilities at the Université Paris Cité

- Since 2023 Elected member of the council of the Health Faculty of UPC

Collective responsibilities at the Institut Cochin

- Since 2022 Head of the Scientific Axis "Cellular Plasticity and Reproduction" (19 teams)
- Since 2022 Member of the "Career follow-up and support for researchers" committee
- Since 2020 Member of the scientific committee of the microscopy facility (Imag'IC)
- 2016-2024 Member of the "PhD student monitoring" committee

Conference organization

- 2023 Symposium "Why sex matters in health and disease?" – Institut Cochin, France

Communication

- 10 invitations for seminars/symposiums/conferences
- More than 15 conferences (posters)

Reviewing activities

- **PhD fellowships:** Panel member of the Research Foundation Flanders (FWO, Belgium) –2018-2024
- **Grants:** Medical Research Council (UK), Foundation for Rare Diseases (France)
- **HCERES expert:** one research unit evaluation (2024)
- **Journals:** including *Molecular Cell*, *Nature communications*, *PNAS*, *Cell reports*, *Journal of Exp. Medecine*...

Scientific valorization – Broad audience communication

- Since 2023 High-school student internship (2 weeks / year – 2 students total)
- Since 2022 'La fête de la Science' – yearly open day at the institut Cochin
- Since 2019 Middle school student internship (1 week / year – 8 students total)
- Since 2017 'Les apprentis chercheurs' (Association 'L'arbre des Connaissances') - Two middle /high-school students coming for 10 afternoons through the year with a final congress (10 students total)
- 2016 Radio show "Chercheurs d'avenir" (France Inter)

PUBLICATIONS

h index : **24** (Google scholar)

Total number of citations : **3318**

Number of citations per year:

Last and/or corresponding author: 5

First author: 12

Co-author: 18

