

Martine Cohen-Salmon, PhD, DR1 CNRS

53 years, Married, 3 children

Head of the team “Physiology and physiopathology of the gliovascular unit”

Centre Interdisciplinaire de Recherche en Biologie (CIRB)

CNRS UMR 7241 / INSERM U1050

Collège de France

11 place Marcelin Berthelot

75005 Paris-France

https://www.college-de-france.fr/site/en_cirb/cohen-salmon.htm

PROFESSIONAL CARRIER IN RESEARCH

- 2022: Nomination as Research Director 1 at CNRS
- 2019: Creation of the Team
- 2017: Group leader at the CIRB
- 2016: Nomination as Research Director 2 at CNRS.
- 2013: Habilitation degree Université Paris Descartes.
- 2013-2016: Full time tenured CNRS Researcher at Collège de France, CIRB.
- 2007-2012: Full time tenured CNRS Researcher at Collège de France, INSERM U840.
- 1998-2006: Full time tenured CNRS Researcher at Pasteur Institute, CNRS URA 1968.
- 1998: Nomination as full time tenured CNRS Researcher.
- 1995-1998: Post-Doctorate at Pasteur Institute, CNRS URA 1968.
- 1995: PhD in Human Genetics Université Paris Diderot, Pasteur Institute, CNRS URA 1968.

AWARDS

- PhD Mentoring Award CNRS 2015 (Prime d’encadrement doctoral et de recherche)
- Prix *l’Oreal UNESCO* 2019 for A.C. Boulay (post-doctorant of the team now recruited as CRCN at Inserm)
- Award *Vaincre Alzheimer* 2022

SUPERVISION OF STUDENTS AND POST-DOCTORAL FELLOWS

3 Post docs, 5 PhD (3 defended; 3 ongoing), 18 Masters

RESEARCH MANAGEMENT ACTIVITIES SINCE 2018

- 2022: Member of the mid-PhD committee for Valentin Ritou, INCC Paris.
- 2022: Member of the mid-PhD committee for Esther Belzic, NPS Paris.
- 2021: President of the PhD and Reviewer for Renaud Fleurance, Pasteur Institute.
- 2020: Reviewer for the PhD committee for Océane Gillemiaux, MirCen CEA.
- 2017-2019: Member of the mid-PhD committee for Océane Gillemiaux, MirCen CEA.
- 2019: President of the PhD and reviewer for Nicolas Vignal, Paris Descartes
- 2019: Reviewer for the PhD committee for Chloé Richard, Lyon.
- 2018: Reviewer for the PhD committee for Héloïse Lebas, Caen.
- 2018: Reviewer for the committee of “Fondation Maladies Rares”

- Reviewer of scientific manuscripts: PNAS, Neuron, iScience, J. Neuro, Glia...
- Reviewing of projects for ARSEP, Foundation Rare diseases, ELA foundation, Medical Faculty Paris”, doctoral school ED3C...

COMMUNICATION SINCE 2018

Invited lectures

- Club des cellule Gliales, Sète, scheduled in Oct 2022
- Nicis Pasteur Institute, Parisn scheduled in June 2022
- Société de Biologie, Paris, 2021
- Communication Grand public Semaine du Cerveau, Collège de France Paris 2019

Invited seminars by :

- Fiona Francis, Institut Fer à Moulin, Paris, 2022

- Karine Loulier, INM, Montpellier, 2022
- Bruno Cauli, Paris Seine, 2020
- Cendra Aghulon, Paris Descartes, 2019
- Mikael Tanter, ESPCI, 2019
- Elisabeth Tournier-Lasserre, Hopital Robert Debré, 2019

TEACHING ACTIVITIES SINCE 2018

“RNA regulation in the CNS”, Master 2 neuroscience Paris University, 2021
 “Cells of the brain” Master 2 Ecole Normale Supérieure, Paris since 2018

GRANTS SUPPORTS SINCE 2018

- FRM Santé environnement 2021 (Partner),
- Vaincre Alzheimer (Principal investigator, PI) 2021-23
- France Alzheimer (PI) 2019-21
- ARSEP (PI) 2019-21
- ELA International (PI) 2019-20
- Amorçage Jeune équipe Fondation pour la Recherche Médicale (PI) 2017

OTHER FUNCTIONS

- Member of the CIRB Animal facility Co-Steering Committee.
- Elected member of the Sénat at PSL University.

BIBLIOGRAPHY

ORCID <https://orcid.org/0000-0002-5312-8476>

54 publications (Web of Science documents for the last 10 years: 23)

17% publications in the Top10% of the most cited publications worldwide and 70% in journals with an impact in the first quartile of the category (Source: INSERM bibliometry)

Articles currently under review

SLAOUI L, GILBERT A, Federici L, Rancillac A, Gelot A, Favier M, Lefort G, Mailly P, Cisternino S, COHEN SALMON M*, BOULAY AC* In mice and humans, the brain’s blood vessels mature postnatally to acquire barrier and contractile properties. (*coauthors, MCS corresponding author).

TORTUYAUX R, OUDART M, MAZARÉ N, Mailly P, Deschemin JC, Vaultont S, Escartin E, COHEN-SALMON M. Physiopathological changes of ferritin mRNA density and distribution in hippocampal astrocytes in the mouse brain