

CURRICULUM VITAE

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Education:

06/2013 **MSC and Ph.D.** MRC Centre for Regenerative Medicine, The University of Edinburgh, UK.

07/2008 Master in Bioscience Enterprise (M.Phil) The University of Cambridge, UK.

11/2005 5 years degree in Industrial Biotechnology (Bac+5), The University of Milan – Bicocca, Italy. Grade: 110/110 summa cum laude.

Research experience:

From Nov 2020 **Chargé de Recherche, CNRS**

Jun 2019-Oct 2020 **Post-Doc.**, Pasteur Institute, Paris, France.

May 2018 -May 2019 **Imperial College Junior Research Fellow**, London Institute of Medical Sciences, London, UK

Mar 2014-Apr 2018 **Post-Doc.**, Pasteur Institute, Paris, France.

Dec 2009-Jan 2014 **PhD student/Short Post-Doc.** MRC Centre for Regenerative Medicine, University of Edinburgh, UK.

Mentoring/Teaching:

2023-now M2 tutor / PhD thesis director of Guillaume Giraud at BioSpc, Université Paris Cité.

Supervised M1/M2 students, PhD students and post-docs in the lab. Participated in the evaluation of the "rapports de stage" by students in the Master de génétique, Université Paris Cité.

Funding:

2021 JCJC ANR grant, 365 K€.

2018 Imperial College Junior Research Fellowship/MRC Career Development Award.

2017 Pasteur-Roux, -Cantarini Postdoctoral Fellowship.

2015 Marie Curie IEF fellowship.

2014 EMBO long-term fellowship.

2012 MRC Centennial award.

Additional contributions: Routinely reviews papers for international journals. Co-organised the European Developmental Biology Congress, 2023. Took part in the selection committee for the grants "Programmes Transversaux de Recherche", Institut Pasteur. Prizes and Honours: "10 years of the Scottish Centre for Regenerative Medicine" award for past contributions; 2018. MRC Centennial award; 2012. Took part in outreach events, and prepared press releases for the general public.

Selected Publications:

(Total: 21; First Author: 11, co-corresponding 2; sole corresponding 2, H index: 17)

- 2024** Festuccia, N., Vandormael-Pournin, S., Chervova, A., Geiselman, A., Langa-Vives, F., Coux, R.-X., Gonzalez, I., Cohen-Tannoudji, M., and Navarro, P. "Nr5a2 dispensable for ZGA, but essential for morula development." *Science*. 386(6717):eadg7325. [Sole corresponding author](#). Citations: 17
- 2024** Chervova A, Molliex A, Baymaz HI, Coux RX, Papadopoulou T, Mueller F, Hercul E, Fournier D, Dubois A, Gaiani N, Beli P, Festuccia N, Navarro P. "Mitotic bookmarking redundancy by nuclear receptors in pluripotent cells." doi:10.1038/s41594-023-01195-1 *Nat Struct Mol Biol*. [Co-corresponding author](#). Citations: 5
- 2023** Chervova, A*, Festuccia, N*, Altamirano-Pacheco, L., Dubois, A., and Navarro, P. "A gene subset requires CTCF bookmarking during the fast post-mitotic reactivation of mouse ES cells." *EMBO Rep* 24, e56075. Citations: 22
- 2021** Festuccia N, Owens N, Chervova A, Dubois A, Navarro P. "The combined action of Esrrb and Nr5a2 is essential for naïve pluripotency." *Development* 148. [Sole corresponding author](#). Citations: 40
- 2019** Festuccia N*, Owens N*, Papadopoulou T, Gonzalez I, Tachtsidi A, Vandoermel-Pournin S, Gallego E, Gutierrez N, Dubois A, Cohen-Tannoudji M, Navarro P "Transcription factor activity and nucleosome organisation in mitosis" *Genome Research*, 29(2): 250-260. Citations: 92
- 2017** Festuccia N, Owens N, Navarro P "Esrrb, an estrogen-related receptor involved in early development, pluripotency and reprogramming" *FEBS Journal*, 592(6): 852-877. Citations: 84
- 2017** Festuccia, N*, Gonzalez I*, Owens N and Navarro P "Mitotic bookmarking in development and stem cells" *Development*, 144(20): 3633-3645. Citations: 96
- 2016** Festuccia, N*, Gonzalez I* and Navarro P "The Epigenetic Paradox of Pluripotent ES Cells" *J Mol Biol*, 429(10):1476-1503. Citations: 40
- 2017** Zhang M, Leitch HG, Tang WWC, Festuccia N, Hall-Ponsole E, Nichols J, Surani A, Smith A and Chambers I. "Esrrb complementation rescues development of Nanog-null germ cells" *Cell Reports*, 22(2): p. 332-339. Citations: 47
- 2018** Festuccia N, Halbritter F, Gagliardi A, Colby D, Tomlinson S and Chambers I "Esrrb extinction triggers dismantling of naïve pluripotency and marks commitment to differentiation" *EMBO Journal*, 37, [First and co-corresponding author](#). Citations: 34
- 2016** Festuccia, N, Dubois A, Vandormael-Pournin S, Gallego Tejeda E, Mouren A, Bessonard S, Mueller F, Proux C, Cohen-Tannoudji M and Navarro P "Mitotic binding of Esrrb marks key regulatory regions of the pluripotency network" *Nature Cell Biology*, (11): 1139-1148. Citations: 158
- 2012** Festuccia N*, Osorno R*, Halbritter F, Karwacki-Neisius V, Navarro P, Colby D, Wong F, Yates A, Tomlinson SR, Chambers I. "Esrrb is a direct Nanog target gene that can substitute for Nanog function in pluripotent cells." *Cell Stem Cell*, 11(4):477-90. Citations: 399

* Co-first author