

CV

François Blanquart. Born 15/01/1987. Two children (2019, 2022).

CURRENT POSITIONS

2017 – **Chargé de Recherche, Centre Nationale de la Recherche Scientifique (CNRS)** Center for Interdisciplinary Research in Biology, Collège de France.

2020 – Associate Professor, Ecole Normale Supérieure / PSL Research University.

PREVIOUS POSITIONS

2014-2017 Postdoctoral researcher. Department of Infectious Disease Epidemiology, Imperial College London, United Kingdom and Big Data Institute, University of Oxford, United Kingdom. Supervisor Prof. Christophe Fraser.

2013-2014 Postdoctoral researcher. Bioinformatics Research Center, Aarhus, Denmark. Supervisor Prof. Thomas Bataillon.

TRAINING

2013 **PhD thesis, Centre d'Écologie Fonctionnelle et Evolutive, CNRS / University of Montpellier**, France. Supervised by Sylvain Gandon. Defended 23/11/2012, awarded 24/05/2013.

2008 Master Approches Interdisciplinaires du Vivant, Ecole Normale Supérieure – Université Paris Diderot – Université Paris Descartes, Paris, France.

2006 Bachelor's degree, Biology, **Ecole Normale Supérieure**, Paris, France.

AWARDS AND FELLOWSHIPS

2015-2017 **Marie Skłodowska-Curie fellowship**, Department of Infectious Disease Epidemiology, Imperial College London, United Kingdom.

2014 **Young researcher award**, Bettencourt – Schueller foundation, France. 25,000€. Awarded each year to 14 French young researchers in life sciences.

2013 Graduate Student International Research Mobility Award, University of British Columbia, Canada. 1,500 C\$. Selective grant for PhD students visiting UBC.

RESEARCH GRANTS

2021-2026 Evolution of commensal bacteria. **ERC StG (PI)**.

2020-2021 Implications of within and between-host viral dynamics for antiviral strategies. **ANR COVID-19**. 135,200 euros (PI: Jérémie Guedj). **(co-supervised a postdoctoral researcher)**.

2019-2021 Phylodynamics for Experimentally Evolving Viruses. CNRS. 22,000 euros. Collaborator (PI: Amaury Lambert).

2019-2021 Predicting the evolution of resistance and virulence in bacterial pathogen. **Momentum CNRS. 330,000 euros (PI)**.

2019-2021 Insights from within-host dynamics on the coexistence of antibiotic resistant and sensitive pathogens. European Commission. Marie Skłodowska-Curie fellowship to Peter Czippon. 184,708 euros. Supervisor (with Florence Débarre).

SUPERVISION EXPERIENCE

6 postdoctoral researchers (3 moved to permanent positions, 2 still employed on my project).

1 PhD student (defense 2023).

6 master's students.

TEACHING

Ecole Normale Supérieure, Paris, France.

- Quantitative viral dynamics (epidemiology, phylodynamics), Master's degree, 30h/year.
- Mathematical models for biology, 3rd year Bachelor's degree, 39h/year.