

Natanael Spisak

Chaire de professeur junior
Inserm — Institut *Imagine*

24 boulevard du Montparnasse
75015 Paris
natanael.spisak@gmail.com

Curriculum vitae

- 2026 – Chaire de professeur junior (tenure-track assistant professor), Inserm
- 2025 – Laboratory director, Institut Imagine – Institute of Genetic Diseases
- 2022 – 2025 Postdoctoral researcher, Columbia University
 Advisor: Molly Przeworski
- 2018 – 2022 PhD in biophysics,
 École normale supérieure and Université Paris Sciences et Lettres
 Advisors: Aleksandra Walczak and Thierry Mora
- 2016 – 2018 MSc in physics (soft matter and biological physics),
 École normale supérieure and Université Paris-Saclay
- 2013 – 2016 BSc in physics,
 Jagiellonian University

Representative publications

- 2025 (preprint) NS, Marc de Manuel and Molly Przeworski,
Collateral mutagenesis funnels multiple sources of DNA damage into a ubiquitous mutational signature. doi.org/10.1101/2025.08.28.672844
- 2024 NS, Marc de Manuel, William Milligan, Guy Sella and Molly Przeworski,
The clock-like accumulation of germline and somatic mutations can arise from the interplay of DNA damage and repair. doi.org/10.1371/journal.pbio.3002678
- 2022 NS, Gabriel Athènes, Thomas Dupic, Thierry Mora and Aleksandra Walczak,
Combining mutation and recombination statistics to infer clonal families in antibody repertoires. doi.org/10.7554/eLife.86181
- 2021 María Ruiz Ortega, NS, Thierry Mora and Aleksandra Walczak, *Modeling and predicting the overlap of B-and T-cell receptor repertoires in healthy and SARS-CoV-2 infected individuals.* doi.org/10.1371/journal.pgen.1010652
- 2020 NS, Aleksandra Walczak and Thierry Mora,
Learning the heterogeneous hypermutation landscape of immunoglobulins from high-throughput repertoire data. doi.org/10.1093/nar/gkaa825

A complete list of publications can be found on my [Google Scholar profile](#).