

# Curriculum Vitae - Claire Vandiedonck, Gaël Gautier PhD's supervisor

Associate professor in Biostatistics, Medical School, Université Paris Cité, France

[claire.vandiedonck@inserm.fr](mailto:claire.vandiedonck@inserm.fr) – ORCID ID : [0000-0002-6669-6923](https://orcid.org/0000-0002-6669-6923) – github/gitlab : CVandiedonck - <https://cvandiedonck.github.io/>

**Research focus :** Statistical genetics and multiomics of autoimmune and inflammatory diseases; expertise in biostatistics, bioinformatics, integrative analysis.

## Positions

Since 2022 – Associate Professor (Hors Classe), [Université Paris Cité](#), [INEM](#), [Immediab](#) lab

2019-2021 – Associate Professor in Biostatistics, INSERM UMRS-1138, ImMeDiab lab of Nicolas Venteclef, CRC Paris

2011-2019 – Associate Professor in Biostatistics, University Paris Diderot, INSERM UMRS-958 lab of Cécile Julier

2009-2011 – Advanced Postdoctoral Scientist, INSERM UMRS-958 Genetics of diabetes, University Paris Diderot

2005-2009 – Post-Doctoral Scientist, Wellcome Trust Centre for Human Genetics, lab of Pr JC Knight, Oxford University

1999-2005 – D.Phil at INSERM U580, lab of Pr HJ Garchon, Necker Medical School, University Paris Descartes

## Education and degrees

2024 – HDR (accreditation to direct research), Université Paris Cité

2004 – Ph.D. thesis in Genetics/Immunology, University Paris Descartes

2000 – Advanced Diploma (Master 2) of Molecular Genetics, University Paris Descartes

1999 – M. Sc. in Cell Biology and Physiology, University Pierre & Marie Curie

**Teaching activities:** Lecturer (192h/year) in biostatistics, genomics, and data science across BSc, MSc, and professional programs; coordinator of 8 courses and developer of the Plasma e-learning platform (<https://plasmabio.org>).

**Scientific Expertise and Institutional Roles:** Reviewer (*Nat Comm*, *Clin Gen*, *Diabetologia*...), Inserm scientific committees, SAB member (TAGC-Inserm 1090), elected member of UPCité councils, INEM Bioinformatics hub referent, regional steering committee on digital innovation (2025),...

## Research and pedagogy grants

Secured over €1.7M in competitive funding as PI or co-PI for research projects in statistical genetics, multiomics, and health data science, including national and institutional programs, e.g :

2025–2029 – ANR Glyrisk (PI – €800k) – Glycemic risk signatures and complications in type 1 diabetes

2025–2030 – Plasma-Cité (co-PI – €450k, IDEX Université Paris Cité) – Reproducible bioinformatics for teaching

2024–2025 – Glygene (PI – €25k, Société Francophone du Diabète / AJD) – Multiomics and glycemic variability

2013–2014 – JDRF Innovative Grant (PI – \$110,000) – Human MHC and type 1 diabetes

**Awards & Fellowships:** CNRS research secondment (2025–26), two thematic research leaves (UPC, Paris Diderot), Oxford Merit Award, two FRM postdoc fellowships (2009–12), WTCHG contract (2005–10), MENRT doctoral grant (2000–03), and others.

**Scientific direction:** Supervised 1 PhD, 2 postdocs, 8 MSc students, 1 EPHE diploma and 1 engineer. Scientific coordinator of the *GLYRISK* project and co-developer of the Plasma bioinformatics platform. Leads work packages integrating genetic and clinical data in translational diabetes research.

**Collaboration and Networks:** Active collaborations with Inserm Lille (A. Bonnefond), Institut Curie (M. Verbanck), and clinical partners via the Société Francophone du Diabète. Member of the French Reproducible Research Network and of the STATGEN group.

**Publications:** 29 publications (7 first-author, 3 corresponding), h-index: 20, 2900+ citations (Scopus). ORCID: [0000-0002-6669-6923](https://orcid.org/0000-0002-6669-6923)

**Software and tools:** [Plasma](#) platform and contributor to open-source tools ([ipycytoscape](#), [ipyigv](#) and [nbgrader](#))

**Oral communications:** 9 including, 2 invited talks and 7 peer-reviewed international conferences