

Unit Description

Founded in January 2022, the DYNAMICURE Inserm 1311 Research Unit (Microbial Dynamics in Urinary and Respiratory Infections) is a dual-site mixed research unit (Inserm / Universities of Caen and Rouen) directed by Prof. JC Plantier. It brings together faculty researchers and hospital-university staff from both CHUs and universities, including microbiologists (bacteriology and virology), clinicians (infectious disease specialists, paediatricians, and general practitioners), methodologists, and epidemiologists.

The unit conducts innovative projects addressing two major public health priorities: urinary and respiratory tract infections  <https://dynamicure.normandie-univ.fr>.

Recruitment Objective

We are recruiting a researcher specialized in host-pathogen interactions, with a particular interest in urinary tract infections (UTIs). The focus will be on the dynamics of uropathogens within their reservoirs — the enteric, vaginal, and urinary microbiomes — as well as on the mechanisms of persistence of bacteria responsible for recurrent infections. The goal is to improve preventive and curative care for UTIs and to develop innovative alternatives to antibiotic therapy.

The researcher will develop his/her project within our unit using approaches combining bacteriology, microbiomics, cell biology, and immunology. He will have access to biobanks, patient cohorts, and associated health data from both university hospitals, as well as expertise in bacterial genomics, metagenomics, transcriptomics, molecular biology, and urothelial organoid models.

Keywords: bacteriology, molecular biology, microbiome, metagenomics, metatranscriptomics, cell biology

Candidate Profile

The researcher will be recruited by the University of Caen Normandy under the Excellence Chair program funded by the Normandy Region, aimed at attracting highly qualified and experienced researchers.

The candidate must have experience leading a research team, preferably abroad, and in obtaining and managing collaborative and ambitious research projects (e.g., ANR, ERC). The candidate should have experience supervising PhD students or postdocs.

Recruitment Process

The Excellence Chair is funded for 3 years, including a full-time research position and dedicated funding for the candidate's research project.

After this period and subject to evaluation, the researcher will be offered a permanent professorship at the University of Caen Normandy.

Timeline

- Application deadline: September 30, 2025
 - Send CV and cover letter by email to:
 - olivier.join-lambert@inserm.fr (Caen site co-director)
 - jc.plantier@chu-rouen.fr (unit director)
- Candidate interviews and selection: October 2025
- Scientific project development with unit researchers: Fall 2025
- Submission to the Region/ANR for evaluation: January 2026
- Recruitment: September 2026

If you are interested in joining the unit outside of this Excellence Chair opportunity, other recruitment options are possible. Please send your CV and cover letter to the addresses above.
