

# Education Department

## CONTACT :

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[www.chem.ox.ac.uk](http://www.chem.ox.ac.uk)  
[www.mfo.cnrs.fr](http://www.mfo.cnrs.fr)

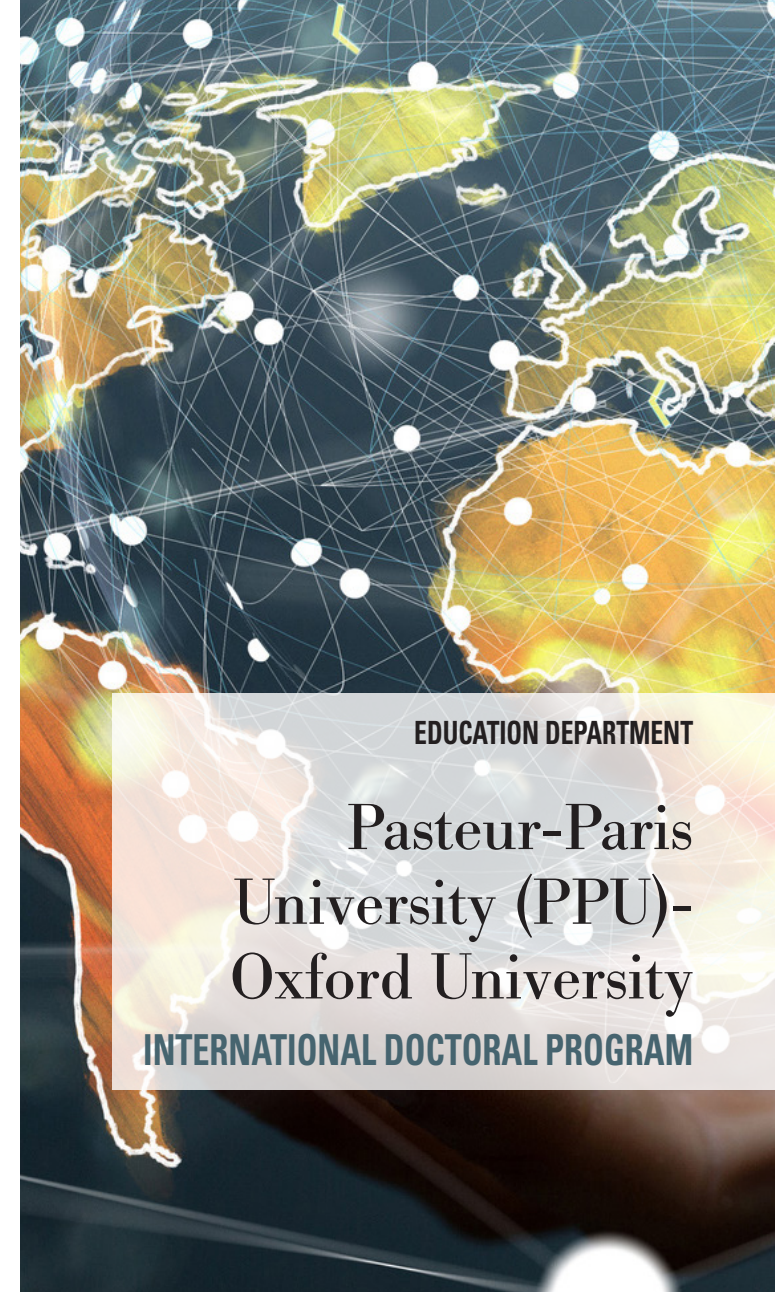
Call for applications opens in September for the class starting in October of the following year.

## PARTNERS :



The partnership between the Institut Pasteur and the Department of Chemistry at the University of Oxford will foster synergistic projects to fight antimicrobial resistance through a joint PhD program. PhD students will work on collaborative research projects between the two Institutions, spending up to one year of their PhD in the partner laboratory. The exchange will allow students to be trained in multiple research domains to gain transdisciplinary expertise.

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# “Chimie Biologique” PPU-Oxford Program

A **three-year PhD program** for students holding a Master's degree (or equivalent) in science, medicine, or related fields, run by a collaboration between the Institut Pasteur, the CNRS (Centre National de la Recherche Scientifique), and the Department of Chemistry at the University of Oxford.

## Linking Chemistry and Microbiology to Fight Human Infectious Diseases

### CONTEXT OF THE PhD PROGRAM

- Antimicrobial resistance (AMR) is a growing public health threat, worldwide
- Innovative new pharmaceuticals and therapeutic strategies are urgently needed for safe, effective, and sustainable treatment
- **Institut Pasteur**, a center of excellence in biomedical research, and the **CNRS** are developing groundbreaking projects at the interface of chemistry and biology, in collaboration with the **Department of Chemistry at the University of Oxford**, a world leader in chemistry
- The combined expertise of these Institutions will support the development of cutting-edge projects in the area of antimicrobial resistance and therapy

### UNIQUE MULTIDISCIPLINARY DOCTORAL TRAINING

- Students will be recruited internationally by both Institutions
- Students will have the opportunity to move between partnering laboratories to gain multidisciplinary expertise
- Academic and professional development training is provided through the PPU program\*\*
- Students will be supported by a Thesis Advisory Committee
- Students will participate in the PPU retreat, annually
- Students may participate in doctoral courses and training of both Institutions

\*\* [www.pasteur.fr/ppu](http://www.pasteur.fr/ppu)

**300**  
STUDENTS ON THE  
CAMPUS \*

\* Institut Pasteur Key numbers

### AIMS OF THE PROGRAM

- To develop new **chemical probes** designed to better understand biological processes of AMR
- To identify new potential **therapeutic agents** against pathogens

### STUDENT BENEFITS

- A three-year salary and social benefits
- An annual travel grant for international scientific workshops and meetings
- Administrative support and housing assistance
- Comprehensive academic and professional skills training

**10**  
NOBEL PRIZES \*

**66**  
NATIONALITIES \*

**130**  
LABORATORIES \*

