

Postdoc position in Molecular Biology/Chemical Biology/Nucleic Acid Chemistry Covid-19 diagnostic research collaboration with 4Catalyzer/Homodeus (F/H)

HIRING DATE Starting date: as soon as possible **LOCATION** 10 RUE VAUQUELIN 75005 PARIS

ÉTABLISSEMENT ESPCI Paris - PSL

WORKING ENVIRONMENT AND CONTEXT

The École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris - PSL (ESPCI Paris - PSL) is both a Grande École of Engineering and a research institute (17 laboratories) of international renown with a strong culture of scientific excellence (6 Nobel Prizes). Teaching and research are at the crossroads of knowledge and know-how in physics, chemistry and biology.

Notre établissement fait partie de l'Université PSL. Située au cœur de Paris, celle-ci fait dialoguer tous les domaines du savoir, de l'innovation et de la création. Classée parmi les 50 premières universités mondiales, elle forme au plus près de la recherche des chercheurs, artistes, ingénieurs, entrepreneurs ou dirigeants conscients de leur responsabilité sociale, individuelle et collective.

HOSTING STRUCTURE

ESPCI Paris PSL is a major institution of higher education (a French "Grande École d'ingénieurs"), an internationally renowned research center (6 Nobel Prizes), and a fertile ground for innovation, with several start-ups founded each year. ESPCI is a highly multidisciplinary environment with teaching and research in physics, chemistry and biology.

RESEARCH MISSION

BIOCHEMISTRY TEAM/CBI LABORATORY

Covid-19 diagnostic project

The COVID-19 pandemic is a once-in-a-century global crisis. Widespread, frequent testing is the key to getting the world back on its feet. Current COVID-19 testing options are expensive, slow, and uncomfortable.

In collaboration with **Homodeus Inc.** (a **4Catalyzer** company, founded by Jonathan Rothberg, the pioneer of next-generation sequencing), our goal is to develop an accurate, affordable, and simple testing that can be done anywhere — from the point of care to the home. We aim to make testing available to everyone around the world, for COVID-19 today and any pathogen tomorrow.

Prof.GRIFFITHS Andrew job-lbc@espci.fr

SKILLS

Requirements

We are seeking a highly motivated **Postdoc** to work on Covid-19 diagnostic test development. Requirements are experience in molecular biology, chemical biology, nucleic acid chemistry or related fields, with expertise in nucleic acid amplification and detection chemistries highly desirable.

Flexibility, autonomy, the ability to work in a highly multidisciplinary team and good interpersonal skills are essential.

NON DISCRIMINATION, OUVERTURE ET TRANSPARENCE

Notre établissement, comme l'ensemble de l'Université PSL, s'engage à soutenir et promouvoir l'égalité, la diversité et l'inclusion au sein de ses communautés. Nous encourageons les candidatures issues de profils variés, que nous veillerons à sélectionner via un processus de recrutement ouvert et transparent.

APPLICATION PROCESS

Address your applications (CV + cover letter) by email to:

Prof. Andrew GRIFFITHS

ESPCI Paris - Biochemistry Team

10 Rue Vauquelin 75005 Paris

job-lbc@espci.fr

CONTACT

Andrew Prof. GRIFFITHS

job-lbc@espci.fr

OTHER INFORMATION

Recherche principal : **Biologie**

Reference

-

PUBLISHED ON 25/11/2020

Université PSL (Paris Sciences & Lettres)

