

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

POSTE À POURVOIR Starting date: as soon as possible LOCALISATION DU POSTE 10 RUE VAUQUELIN 75005 PARIS
ÉTABLISSEMENT ESPCI Paris - PSL

ENVIRONNEMENT ET CONTEXTE DE TRAVAIL

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.

STRUCTURE D'ACCUEIL

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.

MISSION D'ENSEIGNEMENT

Prof.GRIFFITHS Andrew job-lbc@espci.fr

MISSION DE RECHERCHE

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.

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COMPÉTENCES ATTENDUES

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.

MODALITÉS DE CANDIDATURE

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

AUTRES INFORMATIONS

Recherche principal : **Biologie** Recherche secondaire : **Autre**

Durée du contrat 1 year renewable

Expérience souhaitée
Niveau doctorant (R1) an

Référence
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