

# Engineer - Cell and Molecular Biology (F-M) (F/H)

HIRING DATE 01/09/2026 LOCATION 75005 PARIS, ÎLE-DE-FRANCE 75005

SCHOOL Institut Curie

## WORKING ENVIRONMENT AND CONTEXT

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

#### The Curie Institute Research Center

Institut Curie is a major player in the research and fight against cancer. It consists of a Hospital Group and a Research Center of more than 1000 employees with a strong international representativeness.

The objective of the Research Center is to develop basic research and to use the knowledge produced to improve the diagnosis, prognosis, and therapeutics of cancers as part of the continuum between basic research and innovation serving the patient.

## TEACHING MISSION

### LABORATORY

#### UMR3664 - Chromatin Dynamics Laboratory (Almouzni Team)

Head of Laboratory: Dr. Geneviève Almouzni

Joint affiliation: CNRS / Institut Curie

<https://institut-curie.org/team/almouzni>

### RESEARCH PROJECT

Our research investigates how chromatin organization dynamics — from nucleosome composition to nuclear architecture — contribute to key cellular functions involved in maintaining and/or changing cell fate in both physiological contexts (cell cycle, differentiation) and pathological conditions such as Cancer.

#### Main missions

Mission 1 : **Imaging and Image Analysis**

**Prepare cellular samples for microscopy (immunofluorescence, fixed/live cells, organoids, tissues, sections)**

**Perform imaging acquisitions using widefield, confocal, and super-resolution microscopy**

**Carry out image processing and quantitative image analysis (segmentation, colocalization, 3D analysis)**

**Contribute to the interpretation of spatial chromatin organization data**

**Mission 2 : Cell and Molecular Biology**

**Culture and manipulate cell lines (HeLa, U2OS, NIH-3T3, etc.)**

**Culture mouse embryonic stem cells (mESCs), including differentiation approaches**

**Perform transfections, knockdowns (siRNA), and genome editing (CRISPR)**

**Extract DNA/RNA/proteins, perform qPCR, and prepare samples for ChIP-Seq, transcriptomic, or proteomic analyses**

**Mission 3 : Technical Expertise, Training, and Knowledge Dissemination**

**Optimize existing protocols and monitor technological developments to improve them**

**Train and support laboratory members (interns, PhD students) in the techniques developed under Missions 1 and 2**

**Document experimental results (reports, concise presentations) both in writing and orally to contribute to knowledge sharing within the team**

**Position Requirements**

**Use of fluorescence and confocal microscopes equipped with laser sources**

**Handling of human and mouse cell lines in a Biosafety Level 2 (BSL-2) laboratory**

**Flexible working hours depending on experimental constraints**

## RESEARCH MISSION

## SKILLS

**Education and Experience**

**Master's degree (MSc) or Engineering degree in Cell and Molecular Biology**

**Preferred experience: at least 1-2 years of laboratory experience (internship or fixed-term contract) involving cell culture and imaging**

**Appreciated knowledge: chromatin biology / epigenetics, embryonic stem cell culture and differentiation**

**Technical skills: microscopy, image analysis, biochemistry, genomics**

## **Skills and Competencies**

**Scientific English proficiency (reading, writing, and oral communication)**

**Informatic and data analysis skills: proficiency with office software; experience in biological image analysis (ImageJ/Fiji); knowledge of programming environments (Python and/or Matlab) is appreciated; interest in artificial intelligence approaches applied to biology is considered an asset**

**Professional qualities: experimental rigor, autonomy, organizational skills, teamwork, and ability to train and share knowledge with others**

***All our opportunities are open to people with disabilities***

## **Contract information**

**Type of contrat :** Fixed-term contract (CDD)

**Position available from:** September 1st, 2026

**Duration :** 12 months

**Working time :** full time

**Remuneration:** according to the current grids

**Benefits:** Collective catering, reimbursement of transportation fees up to 70%, supplementary health insurance

**Location :** Paris

## **Contact**

Please send your CV, letter of motivation and 2 references :

Publication date : 02/06/2026

Deadline for application : once filled

***Institut Curie is an inclusive, equal opportunity employer  
and is dedicated to the highest standards of research integrity.***

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## 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.

## CONTACT

cq97e2f85s5k@emploi.beetween.com

## OTHER INFORMATION

Recherche principal : **Sciences biologiques** Recherche secondaire : **Biologie**  
Durée du contrat 12 mois

### Experience years

1 à 4 années d'expérience (R2) an

### Reference

cq97e2f85s

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## Université PSL (Paris Sciences & Lettres)

