# JOB DESCRIPTION

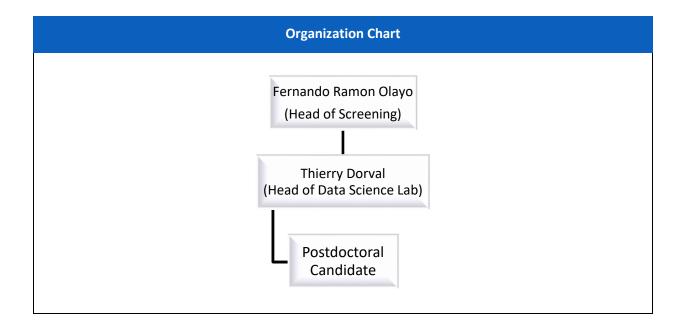| Job Identification | |
|---|---|
| *State basic administrative information about the job.* | |
| Department: CPCB / Data Science Lab | Manager's Position: Head of Data Science Lab |
| Job Title: Image based cell profiling Postdoc | Manager's Name: Thierry Dorval |

| Main mission |
|---|
| *State concisely (1 or 2 sentences max) the overall objective of this job and basic reason for its existence in its present form.* |
| In the context of its participation to the IMI EUbOPEN initiative, we are opening an 18 months postdoctoral position to work on the cellular profiling of the probes identified and generated by the consortium (https://www.imi.europa.eu/projects-results/project-factsheets/eubopen). The candidate will join the Data Science Lab, a group integrated within the Screening department of the Institut de Recherches Servier at Croissy sur Seine. The project aims to perform high content imaging profiling (Cell Painting protocol), of cellular models subjected to compound treatments using cutting edge automated imaging platforms. |

| Organization Chart |
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Fernando Ramon Olayo
(Head of Screening)

Thierry Dorval
(Head of Data Science Lab)

Postdoctoral
Candidate

| Principal Accountabilities |
|---|
| *Identify 4 - 8 expected principal results of this job with performance factors and list them in order of importance.* |

| Importance | Accountabilities |
|---|---|
| 1 | Develop and perform image based cellular profiling of the probes provided by the consortium |
| 2 | Project management |
| 3 | Transfer protocol, results and knowledge to other academic partners |
| 4 | Being proactive at sharing activities (oral presentation & publication) |
| 5 | |
| 6 | |
| 7 | |

| Qualifications and Experiences Required |
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| *Specify the educational background, qualifications，experience and competency which would typically be required to perform this job fully and effectively.* |

| | |
|---|---|
| **Academic background** | Ph.D. in Biology |
| **Expertise / Competencies** | Highly motivated biologist with a strong background in cell biology (treatments, culture), imaging (immunostaining staining, microscopy) and autonomous in experimental design and associated data analysis. |
| **Soft Skills** | Excellent oral and written skills in English is a prerequisite as the candidate will have to work in close collaboration with other partners from the IMI EUbOPEN consortium. |
| **Experience** | - Cell culture<br>- High Content Imaging / Automation<br>- Complex Data Analysis<br>- Drug discovery |