

IF YOU ARE INTERESTED, PLEASE FILL THE FOLLOWING ITEMS TO BE SENT TO:
eurobecas@dival.es

Company data / datos de la empresa/institución

Full legal name/Nombre legal: Imperial College London

Full address/ dirección completa: Kensington, Londres SW7 2AZ

Web site: <https://www.imperial.ac.uk/>

Address where the training will take place (if different)/dirección donde tendrán lugar las prácticas: Royal School of Mines , Kensington, Londres SW7 2AZ

Contact phone (if different from tutor's)/teléfono de contacto: +447548868354

Contact Person/Persona de contacto: Rodrigo Ledesma-Amaro

Email: r.ledesma-amaro@imperial.ac.uk

Phone number: +447548868354

Tutor's Name: Rodrigo Ledesma-Amaro

Email: r.ledesma-amaro@imperial.ac.uk

Phone number: +447548868354

Office supplies, the intern will have to bring at work-placement his own laptop: Yes No

Short description of the company/breve descripción de la empresa/institución:

Imperial College London is one of the top Universities in the world very well known in engineering and especially in synthetic biology.

Knowledge, skills and competence to be acquired/conocimientos, habilidades y competencias que adquirirá el becario:

The fellow will learn cutting edge synthetic biology and metabolic engineering techniques, in addition to molecular biology, microbiology and genetic engineering skills.

Detailed description of the tasks of the trainee (at least 5 tasks)/Descripción detallada de las tareas del becario y tiempo de dedicación a cada una (al menos 5 tareas):

Tasks of the trainee	% dedicate on each task	Tasks of the trainee	% dedicate on each task
Creation of auxotrophic strains	20	Creation of overproducer strains	20
Analysis of microbial	20	Microbial culture in	20

communities		microplate and flask	
Development of mathematical models	20		

Detailed description of the training Program (content) /Descripción detallada del programa de practicas:

Purpose of the Role: Carry out a lab-based project to generate microbial communitites

General responsibilities: Generate results and writing of a final report

Specific responsibilities: Perform the 5 task described above

Language/s used during the training/idioma usado durante las prácticas:

Mandatory: English

A plus, but not required:

In your opinion, what studies should be the fellow to take better advantage you practice offer/
en su opinion, qué estudios debería tener el becario para optimizar la práctica ofrecida:

Bachelor Degree: Undegraduate in Biotechnology with lab experience in synthetic biology.
Taking a Master in Synthetic biology

Complementary knowledge (a plus or mandatory): know Golden Gate and CRISPR

Timeframe, schedule and working hours/tiempo que durarán las practicas, jornada y horas/día:

Full-time: (hours/week) full time:40

Monday through Friday (working schedule): 8 hours/day

Possible starting date (since October/November 2017*): 1 March 2018

In order for the fellow to pursue with the training, the signature of an agreement would be a requirement: Yes No

Name, firm and function of the company / institution that signed this commitment to training/nombre y función de quien firma el compromiso de prácticas:

Department of Bioengineering, Imperial College London, High education Institution

Rodrigo Ledesma-Amaro, Research Fellow Department Bioengineering