12 Month Molecular- Cell Biology Internship (OXFMC0305)

PLEASE READ CAREFULLY BEFORE CONTINUING.
European Student Placement Agency, Ltd (ESPA UK) is a recruitment agency whose goal is to find high quality internships for European students in the UK. We work closely with our host companies to ensure the positions provide the candidates with a great experience, both professional and personal.

REQUIREMENTS: ESPA vacancies are open to all EU passport holders able to travel to the UK for an educational work placement, without the need for visa documents. You have to be a registered student and/or have Erasmus+ status to be eligible for our internships. Any student who is unsure of their situation should check with their university before applying. Non-EU students can also apply if they are studying in the EU and can get an Erasmus+ grant/status for the entire length of the internship.

All interns coming to the UK for an internship experience must have work place accident insurance which covers them for the internship.

BENEFITS: All ESPA’s services are free for students and alumni. The benefits are:

1) Paid Accommodation.
2) Paid Utility Bills (electricity, gas, water and council tax) + Internet Access
3) Commuter travel to work (accommodation will be found within an acceptable commuting distance from the workplace, if that requires more than a sensible walk then a bus/train ticket will be provided).

This will be sourced and managed on your behalf by ESPA. These benefits have an approximate value of 700€-1000€ per month (depending on location).

There is no salary over and above the benefits offered, unless specifically stated.

To know more, please visit: www.espauk.com

Extra benefits
As most of European grants are no longer than 6 months the host company has agreed to offer also a payment in the second half of the internship (months 7 to the end) in addition to the regular benefits.

The Host Company
The host company, a leader in synthetic biology, is a specialist contract research organization offering services to support the discovery, development and production of biologics and cell & gene therapies. A unifying theme across the portfolio is expertise in designing DNA, optimizing expression of proteins, cell line development, and improving viral delivery systems.

Role
The company is looking for 2 interns, for their ‘Molecular Biology team’ and their ‘Cell culture and cell line development team’. You will either be involved in the engineering of DNA vectors for a variety of applications including protein expression, viral packaging and reporter and disease model cell line generation. The Cell Biology intern will be involved in the optimisation of internal platforms for cell line development and engineering for a variety of applications including protein expression, viral packaging and reporter and disease model cell line generation.
Location
Oxford, UK

Start date/ Duration
September 2017/ 12 months

Languages
English should be B2/C1

Tasks
Individuals will use state of the art techniques for high-throughput vector development and contribute to technology development activities.

Molecular Biology:
- In-silico design of DNA constructs using internal DNA design software
- Manipulation and generation of DNA constructs using restriction enzyme, Gibson and Golden gate approaches
- Interaction with cell culture team for analysis of generated constructs
- Platform development for high-throughput cloning methods

Cell Biology:
- Mammalian cell culture for both adherent and suspension cell lines
- Antibody and recombinant protein expression in mammalian expression systems, and characterisation
- Generation of stable, clonal mammalian cell lines
- Screening platform development for identification and characterisation of engineered cell lines

Personal Skills
Essential:
- Biochemistry, Bioengineering, Molecular/ Cell Biology or related life science degrees
- Some level of exposure to lab work relevant to biological R&D, either academic or industrial
- Highly developed interpersonal, written and verbal skills, including the ability to speak confidently in groups and to present work internally
- Excellent organizational, decision making skills
- Strong time management skills with the ability to prioritize tasks, and work under pressure

Personality:
- Individuals should be enthusiastic, and be able to contribute actively to the team setting
- Diligence and an analytical mindset is essential for methodical working and recording and analysis of data

How to apply
STEP 1) Please, register with us at http://www.espauk.com/students/student-registration/

STEP 2) Please, log in to your account in http://www.espauk.com/students/student-application/ and then click on the button APPLY next to the vacancy name.

If you have any problems applying for this vacancy please email us at: apply@espauk.com and in the subject please indicate the Name + the code of the vacancy you have issues to apply to.