

CONVOCATORIA DE PRÁCTICAS INTERNACIONALES CALL FOR INTERNATIONAL INTERNSHIP

1. INFORMACIÓN DEL SUPERVISOR Host applicant information

NOMBRE Name

CARGO Position

CONTACTO Contact: Email Teléfono Phone

DEPARTAMENTO/FACULTAD/INSTITUCIÓN Department/Faculty/Institution

TIPO DE ORGANIZACIÓN Organization type

ORGANISMO PUBLICO SI Yes NO ORGANISMO SIN ANIMO DE LUCRO SI Yes NO
Public Body Non-Profit

TAMAÑO Size WEB

DISPONIBILIDAD PARA EVALUAR INFORMES DE CONVALIDACION DE CREDITOS ECTS

¿Es una prioridad para el supervisor que el estudiante valide los créditos?

Availability to evaluate ECTS credit validation reports

Is it a priority for the supervisor that the student validates ECTS credits?

2. DESCRIPCION DEL PROYECTO Project description

FECHAS ORIENTATIVAS DE REALIZACION DEL PROYECTO
Wished/approximate dates for the mobility period

FLEXIBILIDAD DE FECHAS SI yes
Flexibility in dates NO

TÍTULO DEL PROYECTO Project title

NUMERO DE HORAS DE TRABAJO POR SEMANA Number of working hours per week

PROGRAMA Detailed programme of the traineeship

Training in the usage and maintenance of flow cytometers and cell sorters: The trainee will be trained on the usage of multiple instrumentation from different brands, characteristics and complexities. To do so, the trainee will work instrument set up, instrument optimization, data analysis and data interpretation for the multiple applications of the facility. Trainee will be involved in the project, protocol and data discussion and it's expected, by the end of the training period will be able to provide expert advise to novel users.

In order to provide a deeper knowledge of the full process, trainee will be involved in different projects. The trainee will process, prepare and analysis samples of cell culture, tissue and/or whole blood. Participant will be fully involved in the optimization of the method, data analysis, data reanalysis and reporting.

By the end of the traineeship, the trainee will prepare a summary report and present her job.

CONOCIMIENTOS, HABILIDADES Y COMPETENCIAS QUE HAN DE ADQUIRIR LOS ESTUDIANTES

Knowledge, skills and competences to be acquired by the end of the traineeship

The trainee will be familiar with the full cytometry technology and methodology, from sample collection, establishment of protocols, instrument optimization and maintenance, data acquisition, data analysis and reporting.

The trainee will be familiar with the full process of sample analysis by flow cytometry as will be highly exposed to multiple applications from several groups that are using the core facility, so he/she will increase communication and interpersonal skills.

The trainee will be working supervised, but must learn also to work alone, so it's expected he/she will increase his/her capabilities of teamwork and self-supervision.

The trainee will be working with state-of-the-art instrumentation: the trainee might need to read, interpret, criticise, and take some responsibilities on board. Timing is crucial in these experiments, so the trainee will increase his/her ability to organise working plans and experiments.

MONITORIZACION Monitoring plan

The trainee will be working mostly of the time side by side with Dr. Blanco as well as users of the UCD Flow Cytometry Core Technology.

EVALUACIÓN Evaluation plan

It will be a continued evaluation process. The generation of good data and capabilities of reproducibility of certain patterns will be the best way to evaluate trainee's progression and knowledge.

ESPECIFICACIONES ADICIONALES EN LA INSTITUCIÓN DE ACOGIDA

Additional specifications of the host institution

Conocimientos (preferible a nivel de 3º o 4º curso) en Biología, Bioquímica, Biotecnología, Veterinaria, Medicina, Biología Marina/Ciencias del Mar

OTRA INFORMACIÓN RELEVANTE Other relevant information

N/A

3. PERFIL Y REQUISITOS DEL ESTUDIANTE Student profile and requirements

AREA/S DE ESTUDIO Research area/s

ej. Química, Bioquímica, Biología, Ingeniería Informática...

NIVEL DE ESTUDIO Level of studies

Sea lo más específico posible

Ej. Estudiante de 3º de Grado, Estudiante de Máster, Estudiante para realizar Trabajo Fin de Grado...

REQUISITOS PREVIOS DE CONOCIMIENTOS TECNICOS O EXPERIENCIA

Student required expertise and technical knowledge:

No necesariamente.

IDIOMA Y NIVEL MINIMO RECOMENDADO PARA REALIZAR LAS PRACTICAS

Language and minimum level recommended for internships

Inglés básico para sobrevivir en Irlanda

REQUISITOS ADICIONALES DE LA INSTITUCION DE ACOGIDA

Additional requirements set by the host institution

El estudiante debe estar asegurado