

[Apply here](#)**Start date**

April 2022

Duration

6 months

Languages

Good spoken and written English levels are required (B2 onwards)

Location[Brixham, England](#)

Brixham, part of the 'English Riviera', is a picturesque coastal town and one of the busiest fishing ports in the UK, but it's also a place where you can discover a range of arts and culture, excellent local food and some unique attractions. Brixham attracts visitors for its character, charm and combination of tradition and an enthusiasm for contemporary styles. Nearby towns include Torquay and the city of Exeter.

Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This is an exciting role for an enthusiastic scientist interested in developing novel microbial assays to assist this expanding research and development company. Working with the research scientists you will be involved in novel assay development for bacterial targets. The role is suitable for a candidate with experience in microbiology, immunoassay techniques, including bacterial culture, antibody characterization and immunomagnetic separation technology. The successful candidate will acquire a broad range of skills and expertise in various techniques, instrumentation and sample preparation and is guaranteed a fulfilling and challenging learning and working experience with this innovative host.

Tasks

- Bacterial culture in both liquid and agar media
- Antibody selectivity and specificity against a range of target antigens
- Antibody coupling to magnetic beads and immunoseparation of microbial targets
- Preparation of food samples for assay evaluation
- Detection of bacterial antigen using Limulus assay and molecular techniques

Desired Skills

- Working towards a degree in microbiology, immunology, or related life sciences
- Academic or industrial laboratory experience relevant to biological R&D
- Highly developed interpersonal, written and verbal skills
- Very strong focus on generating high-quality data, with meticulous record keeping/data recording
- Able to routinely follow written and verbal instructions, often in the form of Standard Operating Procedures (S.O.Ps)
- Enthusiastic team player, able to contribute actively and harmoniously to the team setting understanding their role within the group
- Diligence and an analytical mindset

The Host Company

The host company is a University research and development spin-out delivering innovative solutions in environment and human health. The company specializes in microbiology and immunology research expertise, applied to screening the environment for pathogenic contaminants. This includes applications in the food and beverage industry, healthcare, and recreational water markets. The company is located within purpose-fitted laboratories in a seafront location. Currently in a phase of expansion, this company will offer a truly rewarding experience.



ESPA

Microbiology Internship (MOLMI2605)

