

# Job Advert: Strain Development Scientist

## Overview

Evolutor is seeking a laboratory scientist to develop high-performance yeast and bacterial strains using our proprietary Accelerated Evolution Platform and associated evolutionary and genetic engineering approaches. Your work will involve developing microbial strains against pre-identified properties and criteria, characterizing the performance of developed strains and identifying the genetic variation within developed strains. Scientific rigour, precise record keeping, the ability to work both collaboratively and independently and confidence in multitasking against multiple concurrent project deadlines are all key for this role.

The position will be based in Sheffield city centre, United Kingdom.

## Job Description

Your duties and responsibilities will include (but not be limited to):

- Carrying out plans of research to enhance the performance and capabilities of targeted microbes against specific criteria and research goals.
- Working with Evolutor's senior scientists to build and execute microbe optimisation use cases through Evolutor's technology pipeline.
- Working with Evolutor's technical team and partner companies to provide user feedback on and inform the onward development of Evolutor's Accelerated Evolution Platform technologies.
- Managing and prioritising workloads across multiple simultaneous strain development projects to successfully meet all deadlines and milestones.
- Working closely with and reporting to Evolutor's senior scientists and management to inform project development and onward planning.
- Supporting senior staff in engaging with partners and clients.
- Ideation and prospecting of microbial strains for internal strain development projects.

## About Evolutor

Evolutor is made up of a passionate team who are designing the microbial systems that will drive the growth of sustainable biomanufacturing across broad manufacturing sectors. To do this, we are developing our proprietary Accelerated Evolution Platform technology to entirely unlock and exploit the innate power of evolutionary engineering.

Our mission at Evolutor is to use our advanced technologies and expertise to build the world's first evolutionary bio-foundry, developing superior microbial production hosts with enhanced performances and novel capabilities at a massively parallelised scale. We aim to be a key part of the infrastructure empowering bio-industrial growth and pushing our economies towards a Bio-Industrial Revolution. We are driven by a culture of biological innovation, sustainability, disruption, and creativity.

We want to uplift biomanufacturing processes to accelerate the time to market of bio-products and ultimately, to build a biological future that is circular and sustainable at its core.

## Person Specification

	Essential	Desirable
Hold or be close to completing a PhD in a scientific or engineering discipline (or have equivalent experience).	X	
Proven experience (either academically or industrially) in cultivation of yeast and bacterial strains.	X	
Proven experience (either academically or industrially) of yeast and bacterial genetics and genome analysis.	X	
Proven knowledge in molecular cloning.	X	
Ability to independently plan and manage research projects.	X	
Ability to independently troubleshoot technical complications and use own initiative to seek solutions.	X	
Experience with analysis of complex datasets to inform problem solving and decision making.	X	
Experience in downstream processing of microbially-derived products.		X
Experience of collaborating with and reporting to external partners, stakeholders and clients.		X
Experience of building teams, overseeing and training other team members, and working within diverse teams.		X
Experience of communicating experimental data to both expert and non-expert audiences.	X	
An understanding of handling sensitive and confidential information and maintaining trade secrets.	X	
Be comfortable working to tight deadlines and multitasking to meet project milestones and deadlines.		X
Experience of working under and producing documentation within a H&S management system (COSHH, RAs, etc.).		X
Experience of managing ordering and procurement systems.		X
Experience in software development and user testing and/or managing complex software systems.		X

## Conditions of Employment

**Salary:** £35,000 per annum (pro-rata)

**Start date:** The intended start date for this position is **1<sup>st</sup> October 2023**, but applications are rolling beyond this date.

**Term:** Employment will be on a permanent basis, with an initial 6-month probationary period.

**Hours and working pattern:** This post is intended to be a full-time (35 hours per week) role, with flexible weekday working between 08:00 and 17:30.

**Annual leave:** 33 days paid holiday per (inclusive of public holidays in England and Wales).

**Working location:** Evolutor is committed to supporting flexible working arrangements, including the opportunity for remote working as and when possible. However, due to the practical nature of this role, we anticipate the majority of this role's responsibilities will need to be completed in-person from our office and laboratory in Sheffield, UK.

Terms and conditions of employment will be detailed in the letter of employment following a candidate's successful application.

## Next Steps

To apply for this role, please send a CV and cover letter detailing your suitability for the post to [hello@evolutor.bio](mailto:hello@evolutor.bio). We will contact you by email to arrange an interview.

We're excited to hear from you!