



# Position Details

## Research Projects- CSOF5

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
<b>Advertised Job Title</b>	Biofoundry Research Project Officer
<b>Job Reference</b>	84420
<b>Tenure</b>	Specified Term of up to 31, Dec 2023 Full-time
<b>Salary Range</b>	AU\$102k - AU\$111k per annum (pro-rata for part-time) plus up to 15.4% superannuation
<b>Location(s)</b>	Dutton Park, Brisbane
<b>Relocation Assistance</b>	Will be provided to the successful candidate if required
<b>Applications are open to</b>	<ul style="list-style-type: none"><li>• Australian/New Zealand Citizens</li><li>• Australian Permanent Residents</li><li>• Australian Temporary Residents, currently residing in Australia with a valid working visa to cover the length of the specified term without the requirement of visa sponsorship from CSIRO</li></ul>
<b>Position reports to the</b>	BioFoundry Manager
<b>Client Focus – Internal</b>	100%
<b>Client Focus – External</b>	0%
<b>Number of Direct Reports</b>	0
<b>Enquire about this job</b>	Contact Colin Scott or Janet Reid via email at <a href="mailto:colin.scott@csiro.au">colin.scott@csiro.au</a> or <a href="mailto:janet.reid@csiro.au">janet.reid@csiro.au</a>
<b>How to apply</b>	Apply online at <a href="https://jobs.csiro.au/">https://jobs.csiro.au/</a> Internal applicants please apply via <b>Jobs Central</b> If you experience difficulties when applying, please email <a href="mailto:careers.online@csiro.au">careers.online@csiro.au</a> or call 1300 984 220.

## Acknowledgement of Country

CSIRO acknowledges the Traditional Owners of the land, sea, and waters, of the area that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](#).

## Role Overview

The role of Research Projects staff in CSIRO is to collaborate in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work.

The CSIRO BioFoundry is a state-of-the-science facility that provides high-throughput bioengineering capability. The CSIRO BioFoundry uses hardware and software solutions to rapidly design, build and test new biotechnologies. The BioFoundry represents a step-change in our ability to deliver impactful biotechnological advances rapidly and at scale. As part of the CSIRO BioFoundry team, this role will deliver high-level technical support in the development and adoption of complex molecular biology/synthetic biology methods to produce new microbial strains and novel biological componentry. The successful candidate will also work with the CSIRO BioFoundry team to adapt these techniques for high-throughput automation to extend the BioFoundry's capabilities. This work will support will delivery of projects from industry, academia, and cutting-edge CSIRO strategic initiatives.

## Duties and Key Result Areas

- Design, develop and adapt experimental molecular biology/synthetic biology methods and techniques, requiring high levels of initiative, ingenuity and attention to detail.
- Transfer molecular biology/synthetic biology methods and techniques to miniaturised, automated, high-throughput practice under the guidance of the BioFoundry manager and staff
- Liaise with clients to determine their needs and take personal responsibility for client satisfaction.
- Address and troubleshoot problems promptly and in a constructive manner.
- Participate in project scoping and planning, making significant contributions to the research or technological direction, and may advise on the level and type of services that are provided.
- Contribute to communicating research or technological results in internal and external forums and, where applicable, contribute to and/or generate scientific papers.
- Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice collaboration and enhancement of CSIRO's reputation.
- Work collaboratively as part of a multi-disciplinary, research team to carry out tasks in support of CSIRO's scientific objectives.
- Adhere to the spirit and practice of CSIRO's Values, Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
- Other duties as directed.

## Selection Criteria

### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. Relevant bachelor's or higher degree or equivalent relevant work experience in molecular biology or synthetic biology
2. Demonstrable experience in successfully developing or adapting a wide range of molecular biology methods and techniques, with a focus on DNA and strain assembly and gene library production.
3. Demonstrated ability to troubleshoot high-level technical problem-solving.
4. Demonstrated ability to develop assay relevant to biological processes (e.g., phenotypic, spectroscopic, fluorogenic, HPLC, LC-MS, GC-MS)
5. Proven ability to deliver complex work packages/projects to agreed deadlines and budgets

### Desirable

1. PhD in a relevant field, or equivalent industry experience
2. Extensive experience in analytical biochemistry.
3. Experience with laboratory automation.

## Required Competencies

- **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other team as well as industry colleagues.
- **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
- **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.
- **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
- **Independence:** Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
- **Adaptability:** Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

- The successful candidate will be asked to obtain and provide evidence of a National Police Clearance or equivalent. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## About CSIRO

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](#) and <https://research.csiro.au/synthetic-biology-fsp/research/about-the-csiro-biofoundry/> for more information.

CSIRO is a values-based organisation. In your application and at the interview you will need to demonstrate behaviours aligned to our values of:

- People First
- Further Together
- Making it Real
- Trusted

Find out more about CSIRO [Land and Water](#)