# Position Details

## Research Projects- CSOF3

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| The following information is for applicants | |
| Advertised Job Title | Crystallisation Facility Technician |
| Job Reference | 76002 |
| Tenure | Indefinite (Full-time) |
| Salary Range | AU$63,594 to AU$80,937 pa + up to 15.4% superannuation |
| Location(s) | Clayton, VIC |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Team Leader Biomolecular Interactions |
| Client Focus – Internal | 80% |
| Client Focus – External | 20% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Tom Nebl via email [tom.nebl@csiro.au](mailto:tom.nebl@csiro.au) or phone: +61 3 9662 7129 |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

### Role Overview

Research Projects staff in CSIRO 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 Technician position will be involved in all aspects of the Crystallisation Facility: setting up samples, in providing support to maintain the reagents, stocks and macromolecular crystallisation screens, design and implementation of experiments, workflows and protocols. Additionally, the technician will help support the computing infrastructure of the facility.

### Duties and Key Result Areas:

* To manage and perform day-to-day laboratory tasks, for example performing experiments, ensuring that the regular maintenance of all machines is performed and diagnosing and troubleshooting issues with machines or processes.
* Making up stocks and blocks, running sitting, hanging, micro-batch or LCP crystallisation experiments as well as thermal melt assays and quality control assays.
* Adhere to the requirements of the Laboratory Quality Manual (LQM).
* Accurate and timely completion of quality records.
* To have sufficient understanding of the available robotics to enable the appropriate choice of machine for different assays.
* Participate in process reviews, corrective and preventative actions and risk assessments.
* Review other quality and process documents.
* Contribute to the maintenance of the facility (cleaning, quality assurance/ control, ordering).
* Assist in the commissioning, validation and re-validation of equipment.
* 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 team to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Prioritise activities, execute tasks and manage resources to meet objectives.
* Other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## **Selection Criteria**

#### Essential

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

1. A minimum of Bachelor of Science in Chemistry, Biology or Physics and/or relevant work experience.
2. Practical knowledge in solution chemistry and experience in buffer making.
3. High level of computer literacy and expertise with MS Office applications.
4. Demonstrated track record of working collaboratively within a team to achieve results.
5. Prior experience working in a scientific laboratory.

## **Desirable:**

1. Experience in usage of laboratory robotics or in the field of protein crystallisation and/or high-throughput screening.
2. Ideally the candidate would have an interest in developing skills in protein crystallisation optimisation.
3. Ideally the candidate would have an interest in developing skills in high-throughput formulation screening.

Special Requirements

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

## **About CSIRO:**

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