# Research Scientist/Engineer – CSOF5

Role summary for potential applicants

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| Advertised Job Title**:** | Research Scientist – Muscle Foods |
| Reference Number**:** | 56048 |
| Classification**:** | CSOF5 |
| Salary Range: | AU $95,369 to AU $103,205 plus up to 15.4% superannuation |
| Location**:** | Coopers Plains, QLD |
| Tenure: | Specified Term of 3 years |
| Relocation assistance**:** | Will be provided to the successful candidate if required. |
| Applications are open to: | All Candidates |
| Functional Area**:** | Research Scientist / Engineer |
| % Client Focus - Internal: | 50% |
| % Client Focus - External: | 50% |
| Reports to the: | Team Leader |
| Number of Direct Reports: | 0 |

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| **Role Overview:** |
| The role of Research Scientist Staff in CSIRO is to conduct innovative research leading to scientific achievements that are aligned with CSIRO's strategies. You may be engaged in scientific activity ranging from fundamental research to the investigation of specific industry or community problems. You will have the opportunity to build and maintain networks, play a lead role in securing project funds, provide scientific leadership and pursue new ideas and approaches that create new concepts.The Research Scientist appointed to the role will work as part of the Meat Science team providing research leadership in the area of muscle foods e.g. Structure-function relationships, meat biochemistry. The person will have responsibility in leading internally and externally funded strategic and applied research projects, as well as building relationships with industry and academic stakeholders. The role will also require practical knowledge about novel processing technologies that are relevant to the meat industry and the ability to undertake project activities in the laboratory and in the pilot plant.  |

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| **Duties and Key Result Areas:** |
| * Incorporate novel approaches to scientific investigations by adapting and/or developing original concepts and ideas for new, existing and further research.
* Undertake and focus research projects on structure-function of meat linked to novel processing technologies and value addition.
* Conduct and effectively lead meat science projects across disciplines and deliver project outputs, at the appropriate standard, on time and within budget, including the negotiation of resource requirements
* Communicate effectively and respectfully in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Produce high quality scientific and/or engineering papers suitable for publication in quality journals and for presentation at national and international conferences.
* Work effectively as part of a multi-disciplinary, often regionally dispersed research team, to undertake independent scientific investigations and carry out associated tasks under the guidance of more senior Research Scientists/Engineers.
* Under the guidance of Senior Research Scientists/Engineers, work collaboratively and honestly with internal and external colleagues, clients and partners to help define and satisfy objectives for small to medium research projects.
* Provide coaching and on-the-job training to technical staff and students to ensure experiments are established in accordance with research design.
* Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.
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| **Selection Criteria:** |
| *Under CSIRO policy only those who meet all essential criteria can be appointed****Pre-Requisites:***1. **Education/Qualifications:** A doctorate or equivalent research experience in a relevant discipline area, such as meat structure-function and/or meat biochemistry, meat processing.
2. **Communication:** Strong written and oral communication skills including the ability to publish research results, prepare reports and present the results of scientific investigations at national and international conferences and stakeholder meetings.
3. **Publications: A solid record of publication in quality, peer reviewed journals.**
4. **Behaviours: A history of professional and respectful behaviours and attitudes and the ability to work in a collaborative environment.**

***Essential Criteria:***1. Experience in leading a strategic or industry focussed multidisciplinary project and project teams.
2. Knowledge and research conducted in meat science and/or food process engineering.
3. Experience in meat processing at laboratory and pilot plant scale.
4. **The ability to work effectively as part of a multi-disciplinary, regionally dispersed research team, and carry out independent research, to achieve organisational goals.**
5. A record of science innovation and creativity plus the ability & willingness to incorporate novel ideas and approaches into scientific investigations.

**Desirable Criteria:**1. Experience of abattoir environment.
2. Demonstrated ability to mentor and develop junior scientists and students.
3. Strong interest in translation of science outcomes to industry applications.

**As Australia’s Innovation Catalyst, CSIRO has strategic actions underpinned by behaviours aligned to**:* Excellent science
* Inclusion, trust & respect
* Health, safety & environment
* Delivery on commitments.

**In your application and at interview you will need to demonstrate alignment with these behaviours.*****Special requirements:***Appointment to this role may be subject to conditions including security/medical/character clearance requirements. Applicants who are not Australian Citizens or Permanent Residents may be required to undergo additional security clearance processes; which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- <http://www.ielts.org/default.aspx>***To be eligible for this position you must be physically able to undertake specific non-negotiable activities in the Processing Pilot Plants located at Coopers Plains QLD or Werribee VIC [i.e. prolonged standing, noise affected environment, working at heights or in enclosed spaces etc.]*** |

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| **Other Information:** |
| **How to Apply**Please apply for this position online at <https://jobs.csiro.au/> and enter requisition number **56048.** Internal applicants please apply via ‘Jobs Central’ in SAP (click ‘Recruitment’) Your application should comprise **one document** which incorporates the latest version of your CV plus a covering letter outlining your motivations for applying and your suitability for the role.  **We require that you address the selection criteria in writing providing evidential examples of your experience in terms of desirable and essential selection criteria.** (All of the latter to be uploaded under “Resume/Cover Letter”). **Please ensure your application does not exceed 2MB.**If you experience difficulties applying online call 1300 984 220 for assistance. Outside Australian business hours please email: csiro-careers@csiro.au. **Referees**: Please provide contact details of two previous supervisor or academic/professional referees in your resume/CV. We will ask your permission before making contact. **Contact:** If after reading the position details above you require more information please contact:**Dr Aarti Tobin**via email: Aarti.Tobin@csiro.au**Please DO NOT email your application directly to Dr Tobin. Applications received via this method may not be considered by the selection panel.****About CSIRO**Australia is founding its future on science and innovation. Its national science agency, the Commonwealth Scientific and Industrial Research Organisation (CSIRO) is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation. Find out more! [www.csiro.au](http://www.csiro.au). We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you. Find out more! [CSIRO Balance](https://www.csiro.au/en/Careers/A-great-place-to-work/Work-life-balance) **CSIRO Agriculture and Food** carries out research and development for new agricultural technologies, value added foods, crop and livestock improvement, aquaculture, farming systems, sustainability and advancement of international agriculture. |