



ARC Industrial Transformation Training Centre for
Cryo-electron Microscopy of Membrane Proteins

CCeMMP membership and affiliation policy

updated February 14th 2023

BACKGROUND

Centre Vision

The CCeMMP aspires to enhance the development and application of cryo-electron microscopy to enable novel drug design and development of the most important class of target proteins – membrane proteins. The CCeMMP core vision is to provide a world-leading workforce that can advance Australia's biotechnological capability and to build strong linkages with the drug discovery and development industries. Our Centre will provide research leadership and train industry-ready, world class scientists in cryo-electron microscopy of membrane proteins. The Centre's graduates and research results will enable tomorrow's industrial expansion in structure-enhanced drug design.

While the founding members of the Centre are the academic CIs named in the submitted application, it was always envisaged that the Centre would broadly embrace researchers within the Centre Nodes aligned to the research and training performed within the Centre. This includes early career and mid-career researchers working independently or as part of larger teams, and staff recruited to the Nodes. There will be two tiers of engagement that reflect different roles and responsibilities: Centre members and Centre affiliates.

As the Centre matures, it is expected that the Centre umbrella could be extended to other academic institutions working on cryo-EM of membrane proteins and who are aligned with the Centre Vision. This will be an area of strategic growth in Years 3 – 5.

Centre Member

Researchers within each of the established Nodes of the Centre who have a core interest and active research aligned with cryo-EM of membrane proteins may be invited to become formal members of the Centre.

Centre members will be expected to be directly involved in activities of the Centre that could include:

- (i) Supervision of graduate research students enrolled in the Centre Doctoral Training Program.
- (ii) Contribution of projects to the program portfolios in one or more of the Centre Nodes.
- (iii) Active research in one of the identified program areas that support knowledge advancement in cryo-EM of membrane proteins.
- (iv) Engagement in research with industry partners of the Centre.

As part of their membership, Centre members will:

- (i) Be able to support project feasibility through access to expertise and equipment for grant applications in relation to research aligned to the Centre. However, equipment access will need to be discussed with the Node Leaders and facility managers prior to submission of applications;
- (ii) Be expected to support the capture of activities aligned and supported by the Centre and to provide information required for the Centre Manager to provide reports to the ARC and other

stakeholders, as required by the Centre Governance (please see below for further information);

- (iii) Be able access the core facilities* of the Centre at equivalent rates to founding members. They will be eligible for participation in the workshops and symposia organised by the Centre, to networking events with academia and industry, and to have their research promoted through the Centre's website and outreach activities where appropriate; and,
- (iv) Have possible opportunities to access funding to support aligned research activities, where industry funding is available for a relevant project area.

Centre Member (student)

Only those students formally enrolled through the Centre, with appropriate industry aligned projects and placements, will be deemed students of the Centre. Only Centre students will be eligible to receive the advanced training in cryo-EM that forms a core part of the Training Centre and have access to the full range of activities run by the Centre, and funding to support engagement with Centre activities.

Centre Affiliate (staff)

Researchers who do not meet the current criteria for Centre Membership, but who are aligned to the activities and/or goals of the Centre, will be eligible to be Centre Affiliates.

Unlike a Centre Member, an Affiliate will not be able to supervise students within the Centre or be eligible for Centre-specific funding or activities but would be invited to and have priority access to externally facing activities including networking opportunities, workshops, symposia/conferences supported by the Centre. They would have access to core-facilities through standard institutional arrangements, but could use the affiliation with the Centre to support the case for expertise and capability in grant or fellowship applications. Applications that seek to name the Centre need to be identified to the Centre Executive through the relevant Node leaders and successful applications would be reported as outcomes of the Centre.

Student Affiliate

Students engaged in research aligned with Centre but who are not "students of the Centre" may be eligible to become CCEMMP *student affiliates*. Student affiliates may be eligible to receive components of the training (e.g. in 3D reconstruction). Student affiliates may also be able to participate in symposia and workshops run internally by the Centre, and will receive priority for enrolment into externally facing workshops, symposia and training that are provided by the Centre. It would be an expectation that the supervisors of student affiliates would be either members or affiliates of the Centre and the student would be proposed for affiliate membership through these supervisors. However, students interested in being affiliates of the Centre will be able to directly express their interest through the Centre Manager for consideration by the Centre Executive.

In later years of Centre operation, the definition of a Student Member of the CCEMMP may change as the obligations of the students to complete ARC required elements, including full-year industry placements, may not apply. This will be reviewed and discussed during the annual strategic review of the operation and evolution of the Centre.

Centre affiliate members and student affiliate members can include the Centre as an additional address line in research publications (see below for a potential example).

Centre KPIs and activities

Centre members/member affiliates will be expected to support the key performance indicators (KPIs) of the Centre and to acknowledge CCEMMP appropriately. The KPIs focus on medium-term and long-term

outcomes relating to Australia's research capacity and contributions in areas of national need and research collaboration. KPIs to be recorded as activities of the Centre include:

- (i) Grant submissions and funding outcomes.
- (ii) Presentations, seminars, webinars and talks (including national, international conferences, symposiums).
- (iii) Research outputs, including but not limited to, journal articles, conference abstracts, patents, book chapters, white papers.
- (iv) Media releases and engagement (television, webinars, radio/podcast programs).
- (v) Social media releases and engagement (Twitter, Facebook, LinkedIn etc).
- (vi) Additional funding secured as a result of associated Centre activities (grants, scholarships, awards, partner organisations, venture capital).
- (vii) Workshops and training programs.
- (viii) Community engagement activities.

Any KPIs and activities related to the Centre must be reported to the Centre Manager via email (ccemmp@monash.edu) or the online form (link supplied upon becoming a member/affiliate member) so that these KPIs are captured for reporting to the ARC and other stakeholders. The Centre, if appropriate, will also include and promote these activities in their website and social media platforms. Appropriate acknowledgements to the Centre and ARC should also be made in relation to the activities.

Acknowledgement of the Centre

Centre members will be expected to include the Centre as an additional address line in research publications. An example from the Monash node is illustrated below:

- #ARC Centre for Cryo-electron Microscopy of Membrane Proteins, Monash Institute of Pharmaceutical Sciences, Monash University, 381 Royal Parade, Parkville, VIC 3052, Australia.

Both members and affiliates of the Centre will be expected to acknowledge the CCEMMP, in regard to activities aligned with Centre, in publications and in presentations, and to assist the Centre Manager in capturing outputs for KPI reporting to the ARC and other stakeholders. Acceptable wording of Centre acknowledgement may include:

- This research was conducted by the Australian Research Council Industrial Transformation Training Centre for Cryo-Electron Microscopy of Membrane Proteins for Drug Discovery (IC200100052) and funded by the Australian Government.

Similar acknowledgements to the CCEMMP and ARC should also be made when participating in media activities such as television and radio/podcast programs or when interviewed by the print media. In acknowledging the Centre, members and affiliates must ensure that the acknowledgement does not include any particular personal views or messages that may be construed to the audience as the views of the Centre. In these circumstances, members and affiliates should use the attribution "The views expressed herein are those of the authors and are not necessarily those of the Centre or Australian Government".

Affiliate members, *where not including* a Centre address byline, should *acknowledge their affiliation with the Centre in publications*. An example of acceptable wording is illustrated below:

- XXX is an affiliate member of the Australian Research Council Industrial Transformation Training Centre for Cryo-electron Microscopy of Membrane Proteins (IC200100052).

** A core facility is a subsidised Institutional level facility that supports the research of the academic institution through an established access model.*