

Call for Expressions of Interest (EOI)

The Australasian Association for Clinical Biochemistry and Laboratory Medicine (AACB) is seeking Expressions of Interest from AACB members to participate in a newly established:

Data Science and Artificial Intelligence Working Group

Background

Data science and artificial intelligence (AI) are increasingly influencing contemporary laboratory medicine, including data analysis, workflow optimisation, quality processes and clinical decision support.

AACB recognises the importance of:

- Supporting members in developing practical data science capability
- Promoting responsible implementation of AI in laboratory medicine
- Providing leadership in validation, governance and quality considerations for AI systems

The Working Group is being established to support collaboration, capability development and practical outputs in these evolving areas.

Purpose and Scope

The Working Group will focus on practical implementation of data science and AI in laboratory medicine, with emphasis on validation, governance, quality and member capability development.

Areas of interest may include:

- Practical data science workflows and analytics
- AI and machine learning applications in laboratory medicine
- Validation and governance frameworks for AI systems
- Reproducibility, evaluation and quality considerations for analytical workflows
- Clinical decision support and AI-assisted interpretation tools
- Educational resources and capability development for AACB members

The scope is intentionally laboratory-focused and does not extend to broader healthcare AI policy or software regulation.

Expected Activities and Deliverables

Members may contribute to:

- Development of AACB guidance documents and frameworks
- Educational initiatives (e.g., workshops, webinars and training sessions)
- Practical resources for AACB members
- Harmonisation initiatives related to AI validation and implementation
- Advisory input on emerging AI and data science applications in laboratory medicine

Initial activities are expected to focus on a small number of prioritised deliverables determined by the Working Group and AACB Board.

Membership and Representation

Applicants must be current AACB members.

AACB welcomes applications from:

- Laboratory scientists
- Chemical pathologists
- Individuals with expertise or strong interest in:
 - Data science
 - Artificial intelligence and machine learning
 - Computational analysis and laboratory analytics

Applications are welcomed from members across all career stages, including those with emerging or self-taught data science skills.

The final composition will aim to achieve:

- Representation across Australia, New Zealand and the broader AACB membership
- Public and private sector balance
- Mix of experience levels, including early-career members
- Diversity of expertise and professional backgrounds

Term of Appointment

- Initial term: 2 years
- Members may be considered for renewal (up to a maximum of 6 years), subject to Board approval

Commitment

- Participation in periodic virtual meetings
- Contribution to agreed deliverables
- Active engagement in collaborative activities and outputs

How to Apply

Please submit to the CEO of AACB (ceo@aacb.asn.au):

- A brief EOI (maximum 1 page) outlining:
 - Name, role and organisation
 - Relevant experience and/or interest
 - Area(s) of contribution
 - Motivation for applying
- A short curriculum vitae (CV)

Closing Date

11 July 2026

Enquiries

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