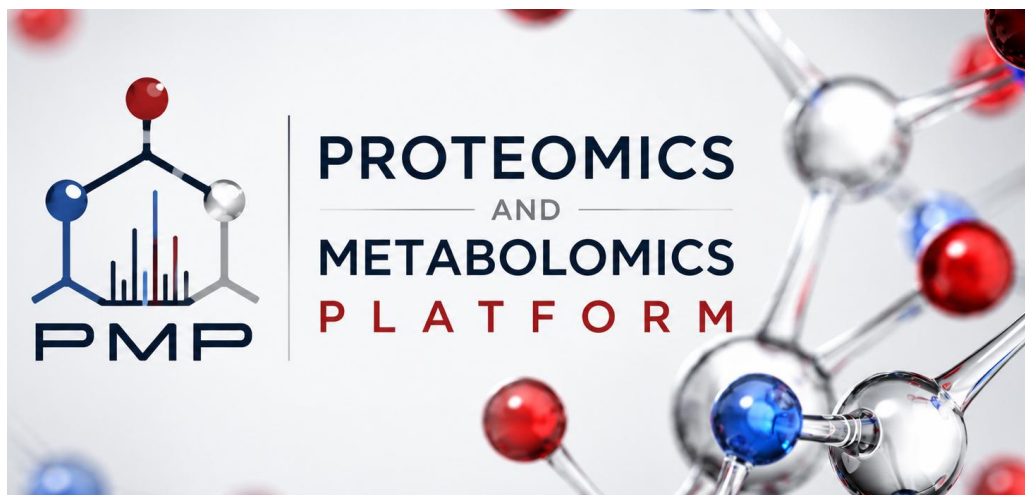




OCTOBER
15

PMP APPLICATIONS SHOWCASE 2026

DISCOVER. CONNECT. EXPLORE REAL-WORLD APPLICATIONS

Join us for a special showcase highlighting how our advanced **Proteomics, Metabolomics, NMR and Mass Spectrometry Imaging platforms** are being applied to real-world research.

Through collaborator case studies and expert insights, discover how these technologies can help address complex biological questions, optimise experimental workflows and support new research directions.

Why attend?

- Hear first-hand research applications and user experiences
- Gain practical insights from Application Specialists and technical experts
- Discuss your research questions and explore potential applications
- Connect with researchers and experts through networking and Q&A

TIME

10 am – 12:45 pm

VENUE

LIMS 101, Hoogenraad
Auditorium
La Trobe University
Melbourne Campus

CONTACT

Proteomics and Metabolomics
Platform
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Prof David Greening,
Director, Proteomics & Metabolomics
Platform (PMP)

<https://www.latrobe.edu.au/research-infrastructure/proteomics-and-metabolomics-platform>

Explore what's possible and discover how our platforms can support your research and accelerate discovery.

PROTEOMICS • METABOLOMICS • NMR • MS IMAGING • INTERACTIONS

PROGRAM – 10-12:45pm

10:00 - 10:05	Introduction	David Greening (PMP)	Welcome
10:05 - 10:10	Proteomics	Rohan Lowe (PMP)	Proteomics Introduction
10:10 - 10:25	Proteomics	Garrie Arumugam (SABE)	Tracing The Impact of Intermittent Fasting with Proteomics.
10:25 - 10:30	Metabolomics	Thy Truong (PMP)	Metabolomics Introduction
10:30 - 10:45	Metabolomics	Afsar Ahmed (Alterna Health)	Applying Metabolomics to Quality Control of Cell Therapy Products
10:45 - 11:00	Metabolomics	Anshul Phaugat (SABE)	Metabolomics For the Future of Food: From Earth To Space
11:00 - 11:15	Break		
11:15 - 11:20	NMR	Dany Briceno Garcia (PMP)	NMR Introduction
11:20 - 11:35	NMR	Yasvir Tesiram (Bruker)	Relaxometry And DOSY - A General Overview from Parameter Setup to Analysis.
11:35 - 11:50	NMR	Deepa Agarwal (LISAF)	Seeing Inside Food: What NMR Reveals About Structure, Mobility and Ingredients - From Processing and Protein Interactions to the Physical State of Sodium
11:50 - 11:55	MS Imaging	Berin Boughton (LISAF)	MS Imaging Introduction
11:55 - 12:05	MS Imaging	Jaclyn Swan (SABE/ LISAF)	Comparative Multi-Glycomic Imaging of the Retina Using Mass Spectrometry Imaging
12:05 - 12:15	MS Imaging	Mat Welling (SABE/ LISAF)	Mapping the Spatial Distribution of Specialised Metabolites in Plant Glandular Trichomes using Mass Spectrometry Imaging.
12:15 - 12:25	Interactions	Rohan Lowe (PMP)	Interactions Introduction
12:25 - 12:35	Interactions/NMR	Juliette Phillips (SABE)	A Ligand's Perspective: STD-NMR Epitope Mapping of the NLRP1 And NLRP3 Inflammatory Sensors
12:35 - 12:45	Wrap Up	David Greening (PMP)	Close
12:45	Lunch and networking		

[Click this link to reserve a spot](#)