APAFRI

Free *AI Tools* for Scientific Research

From Literature Search to Publication and Peer Review

11, 25 November and 2 December 2026 **1400 - 1600 (GMT+8)** **Live in Zoom**

Generative AI is changing how scientists read, analyse, write, present and review. The most powerful tools keep moving behind paywalls, out of reach for researchers in emerging economies and resource-limited institutions. This course uses free tools only. You will learn to apply them across the full research lifecycle, with hands-on practice on your own research material.

Date	Time (GMT +8)	Topic
11 Nov 2026	1400 – 1600	**AI for Literature Search, Reading & Synthesis** Consensus and NotebookLM – turn a research question into a structured literature search, synthesise findings, map a research area, and identify real knowledge gaps.
25 Nov 2026	1400 – 1600	**AI for Manuscript Writing & Scientific Presentations** IMRaD prompting frameworks, drafting and language polishing with Claude and Gemini, presentations and figures with NotebookLM and Google Colab, plus responsible use and ethical disclosure.
2 Dec 2026	1400 – 1600	**Evaluating AI-Generated Scientific Manuscripts** Recognise AI-generated content, assess originality and genuine contribution, catch fabricated references and unsupported claims, verify accuracy with Consensus, and spot ethical lapses.

Pre-Requisites for Registration

- An active research project or manuscript in progress
- Basic computer literacy (no coding required)
- Claude, Gemini, Consensus and NotebookLM (setup guide provided)
- Willingness to share a short research question, dataset or text snippet for live demonstration

How to Register?

Fill in the online form at
https://forms.gle/5ZL9hcxMiaw8hLeVA

Deadline: **3 November 2026**

Who Should Attend?

- Early-career to senior researchers
- Researchers from resource-limited institutions seeking no cost workflows
- Reviewers, editors and supervisors who screen AI-assisted work
- Project leaders who wish to model best practice for their teams

What You Will Gain?

- A vetted toolkit of free AI tools mapped to the research lifecycle
- Reusable prompt templates for literature, writing and presentations
- A practical checklist for judging AI-assisted manuscripts
- Live demonstrations on your own research material
- Awareness of journal and publisher policies on AI disclosure

About the Instructor:

Dr Amar Daud Iskandar Abdullah
Senior Lecturer, Department of Biomedical Sciences, Sunway University, Malaysia

Neuroscientist (PhD, University of Melbourne) with 18 peer-reviewed publications, MYR 785K+ in research grants, and a codeveloped international patent (WO2025168750) on traumatic brain injury. Chairs the Sunway University Early Career Researchers Network. Recently delivered a workshop on AI-assisted academic writing at Universitas Negeri Padang (Indonesia) under the *Top Scientist Programme Equity* initiative (April 2026).