

A Beginner's Guide to AI in Medical Research

Workshop by Patrick Rockenschaub PhD

WHEN/WHERE

7th June 2024

(9 am –1 pm)

Venue: Room “Patscherkofel”

Fritz-Pregl-Str. 3, 8th floor

6020 Innsbruck

REGISTRATION

Email: sc-forschung@i-med.ac.at

Free of charge

Workshop in English

Limited to 15 participants!

Artificial Intelligence (AI) is permeating every facet of society, and medicine is no exception. While some AI-powered medical research offers ground-breaking possibilities, other applications are more about buzzwords. Either way, AI is clearly no longer just the domain of computer scientists. Clinicians and researchers too need a discerning eye to identify the true potential and limitations of AI.

AIMS

This interactive lecture aims to demystify AI concepts, giving you the foundation to harness it for your clinical work or research. We'll examine the promises of AI, how these promises can be realized, and where limitations lie. In particular, we will ask:

- Why might we need AI in medicine?
- How can we teach AI to understand medicine?
- What does AI actually learn about medicine?

OBJECTIVES

- Build a working vocabulary of core AI terms.
- Explore readily available AI techniques and their use in medicine and research.
- Develop a critical eye to ensure responsible and ethical AI use.

Join us to cut through the jargon and gain a better understanding of AI's potential in medicine. You'll leave empowered to explore how AI can augment your work, whether that's through refining diagnoses,

personalizing treatment, accelerating research discoveries, or save time on admin work (for example, Google's language model Gemini wrote this summary for me – did you even notice?).

SPEAKER



Patrick Rockenschaub PhD is a postdoctoral researcher at the Institute of Health Economics, Medical University of Innsbruck, where he focuses on developing and validating AI powered by large healthcare datasets. Patrick received a PhD in Health Data Science from University College London. He has conducted research at the intersection of AI and medicine at several leading institutions, including Charité – Universitätsmedizin Berlin and Fraunhofer Munich.

Impressum:

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