JAINU AJIT, PHD

Medical writing and science communication

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ABOUT

PhD-trained biomedical scientist and medical writer based in Toronto. Trained at the University of Chicago and Harvard Medical School in chemistry, immunology, and neuroimmunology. I help biotech, health-tech, and science-driven teams turn complex research into content that is clear, accurate, and useful for founders, scientists, clinicians, and the readers behind them.

WHAT I WRITE

- **Whitepapers & long-form content** - landscape reports, opinion pieces, case studies.
- **Publications & manuscripts** - narrative & systematic reviews, book chapters, posters.
- **Slide decks** - investor, scientific, grant-review, and patient-facing presentations.
- **Infographics & visual assets** - patient education infographics, conference posters.
- **Blogs & series** - long-form blogs, series and newsletters, external contributor pieces.
- **Content roadmaps for early-stage companies** - editorial calendars, topic strategy, voice and messaging notes.

SELECTED CLIENT WORK

- **Cyclarity Therapeutics** - 13-section vascular biology book chapter (250+ references); 8 infographics and a 25-slide deck across scientific, public, and grant-review audiences.
- **Replenish** - clinical-evidence framework underpinning a supplement-validation app; 6+ internal evidence reviews; peer-reviewed narrative review.
- **Patient Peer** - evidence-based diabetes content roadmap; brand tone and publishing cadence of 3 articles + infographics/month, drawing on 400+ peer-reviewed studies.
- **GenoWrite** - scientific positioning and content strategy proposals for an early-stage biotech-communications agency.

SELECTED PUBLICATIONS - GOOGLE SCHOLAR

- **Ajit J,** et al. Temporal control of trained immunity via encapsulated release of β-glucan improves therapeutic applications. Adv Healthc Mater. 2022;11(18):e2200819
- **Ajit J, et al.** Site-specific antigen-adjuvant conjugation using cell-free protein synthesis enhances antigen presentation and CD8+ T-cell response. Sci Rep. 2021;11(1):6267.
- Hanč P, Messou MA, **Ajit J**, von Andrian UH. Setting the tone: nociceptors as conductors of immune responses. Trends Immunol. 2024;45(10):783-798. doi:10.1016/j.it.2024.08.007

EDUCATION

- Harvard Medical School - Postdoctoral Researcher, Immunology(2022–2024)
- University of Chicago - PhD, Molecular Engineering (2016–2022)
- IISER Bhopal - BS–MS dual degree, Chemistry & Biology(2011–2016)

THERAPEUTIC EXPERTISE

immunology, vaccines, oncology, neuroimmunology, drug delivery, diabetes, menopause, cardiology