

NIH Office of Dietary Supplements (ODS) 2023–2024 Seminar Series

Assessing the prevalence of use of dietary supplements, natural health products and associated adverse events

Jo Barnes, Ph.D.
School of Pharmacy, University of Auckland
Auckland, New Zealand

Wednesday, June 12 • 4 p.m. – 5 p.m. ET

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Jo Barnes is a Professor in Herbal Medicines in the School of Pharmacy at the University of Auckland, New Zealand. She graduated with a BPharm (Hons) from the University of Nottingham, trained as a pharmacist in the United Kingdom, and completed her Ph.D. at the University of London. She moved to New Zealand as an Associate Professor in the School of Pharmacy at the University of Auckland in 2005, and subsequently registered as a pharmacist in New Zealand. Previously, she held academic positions at the Centre for Pharmacognosy and Phytotherapy in the School of Pharmacy at the University of London and the Department of Complementary Medicine in the Postgraduate Medical School at the University of Exeter. Dr. Barnes received a professional certificate in pharmacovigilance and pharmacoepidemiology from the London School of Hygiene and Tropical Medicine and was elected Fellow of the Linnean Society of London and of the International Society of

Pharmacovigilance. She is an herbal medicine safety signal reviewer for the Uppsala Monitoring Centre, which runs the World Health Organisation's Programme for International Drug Monitoring, and has held various roles in the International Society of Pharmacovigilance. She has published several books on herbal medicines, most recently an edited book on *Pharmacovigilance for Herbal and Traditional Medicines* and the fourth edition of *Fundamentals of Pharmacognosy and Phytotherapy* with former colleagues from the University of London.

Dr. Barnes' key research interest is in pharmacovigilance (science and activities in drug safety monitoring) and pharmacoepidemiology in relation to herbal medicines and developing new methods to identify safety issues with these products. She has undertaken research exploring pharmacists' professional practices and consumer behavior with respect to herbal medicines/natural health products, including their respective roles in pharmacovigilance for these products. Her work bridges the disciplines of pharmacovigilance/pharmacoepidemiology, clinical pharmacognosy, and pharmacy practice/health services research.

Recent Publications

1. Lee EL, Harrison J, Barnes J. Exploring the Use of Traditional Medicines, Natural Health Products, and Conventional Medicines: Development and Testing of the New Zealand 'All-Medicines' Questionnaire. *Drugs Real World Outcomes*. 2024 Mar;11:13–32. doi: 10.1007/s40801-023-00389-9 PMID: 37936052 PMCID: [PMC10928020](#)
2. Lee EL, Richards N, Harrison J, Barnes J. Prevalence of Use of Traditional, Complementary and Alternative Medicine by the General Population: A Systematic Review of National Studies Published from 2010 to 2019. *Drug Safety*. 2022 Jul;45(7):713–735. PMID: 35788539 PMCID: [PMC9296440](#) DOI: [10.1007/s40264-022-01189-w](#)
3. Barnes J, Sheridan JL, Dong CY, Härmark L, Vohra S, Harrison-Woolrych M. Evaluation of a Web-Based, 'Purchase-Event' Intensive Monitoring Method for Pharmacovigilance of 'Natural-Health' Products: Lessons and Insights from Development Work in New Zealand. *Drug Safety*. 2020 Oct;43(10):981–988. DOI:10.1007/s40264-020-00963-y PMID: 32596765



**Strengthening Knowledge and
Understanding of Dietary Supplements**