

Prof. Geoff Isbister

Faculty of Medicine and Public Health, University of Newcastle, NSW, Australia

<https://www.newcastle.edu.au/profile/geoff-isbister>

Academic Qualifications

BSc (1987-1990) – Biophysics, Biochemistry and Physiology. University of NSW

MBBS (1991-1994) – Honours I. University of NSW;

MD (2004) – University of NSW

Current Appointment

2014 – current **Professor**-Faculty of Medicine and Public Health, University of Newcastle, Australia

2007 – current Senior Consultant, Clinical Toxicology, Calvary Mater Newcastle

2015 – current **Honorary Professor**, Dept of Medicine, University of Peradeniya, Sri Lanka

2015 – current **Senior Editor**, British Journal of Clinical Pharmacology

2015 – current **Associate Editor**, PLoS Neglected Tropical Diseases

2007 – current **Honorary Professor**, Department of Pharmacology, Monash University, Melbourne

2003 – current **Consultant** Clinical Pharmacology, Children's Hospital Westmead

2003 – current **Member**, Scientific Committee, Australasian College for Emergency Medicine

2004 – 2009: **Executive Editor**, Emergency Medicine Australasia

Awards

2013: ASCEPT– Achievement Award

2013: Vice-Chancellor's Awards for Research Excellence, University of Newcastle

2010, 2012, 2014, 2015, 2016: John Gilroy Potts Award, Australasian College for Emergency Medicine – best refereed paper contributing to emergency medicine.

2010: IUTOX Early Toxicologist Award, XII International Congress of Toxicology

2009: ASCEPT visiting lecturer to the British Toxicology Society

2007: Cosmos Bright Sparks Award: Top 10 young scientists in Australia

2005: New South Wales Young Tall Poppy Award – Australian Institute of Political Science

2002: Young Medical Researcher of the Year - Hunter Medical Research Institute

Memberships

Australasian Society of Clinical and Experimental Pharmacology and Toxicology (ASCEPT)

European Association of Poisons Centres and Clinical Toxicologists (EAPCCT)

British Pharmacological Society

Australasian College of Emergency Medicine:

International Society of Toxinology (IST)

Summary of major publications indexed by Scopus

Total number of career publications:	379	Total career citations:	5950
Average citations per paper	15.7	No. of papers with ≥ 100 citations	7
No. of papers with ≥ 50 citations	19	H factor	38

Representative Publications

1. **Isbister GK**, Friberg LE, Hackett LP, Duffull SB. Pharmacokinetics of quetiapine in overdose and the effect of activated charcoal. Clin Pharm Ther 2007 Jun;81(6):821-7 (IF:7.90)
2. **Isbister GK**, et al. Randomised comparison study of intramuscular droperidol versus midazolam for violence and acute behavioural disturbance: DORM study. **Ann Emerg Med.** 2010;56:392-401 (IF:5.00)

3. Saul ME, Thomas PA, Dosen PJ, **Isbister GK**, et nu.,McFadden SA, van Helden DF. A pharmacological approach to first aid treatment for snakebite. **Nat Med**. 2011 26;17:809-11 (IF:30.36)
4. **Isbister GK**, Shahmy S, Mohamed F, Abeysinghe C, Karunathilake H, Ariaratnam A. A randomised controlled trial of two infusion rates to decrease reactions to antivenom. **PLoS One** 2012;7(6) (IF:3.54)
5. **Isbister GK**, Fan HW. Spider bite. **Lancet**. 2011 Dec 10;378(9808):2039-47. (IF: 45.2)
6. **Isbister GK**, Buckley NA, Page CB, Scorgie FE, Lincz LF, Seldon M, Brown SGA. A randomised controlled trial of fresh frozen plasma for treating venom induced consumption coagulopathy in Australian snakebite (ASP-18). **J Thromb Haemost**. 2013 Jul;11(7):1310-8 (IF:5.57)
7. **Isbister GK**, Bawaskar HS. Scorpion Envenomation. **N Engl J Med**. 2014; 31;371:457-63. (IF:59.56)
8. **Isbister GK**, Page CB, Buckley NA, Fatovich DM, Pascu O, Macdonald SPJ, Calver LA, Brown SGA on behalf of the RAVE Investigators. Randomized controlled trial of intravenous antivenom versus placebo for latrodectism: RAVE- II study. **Ann Emerg Med**. 2014 Dec;64(6):620-628. (IF: 5.00)
9. Maduwage K, Buckley N, de Silva HJ, Lalloo D, **Isbister G**. Snake antivenom for snake venom induced consumption coagulopathy. **Cochrane Database Syst Rev**. 2015 Jun 9;6. (IF:6.1)
10. **Isbister GK**, Seifert S. Envenomation. Cecil's Textbook of Medicine, 25th Edition. 2015

Grant Support since 2011 (past 5 years): \$6,222,000

1. **NHMRC Centre for Research Excellence** "Translational Venom and Antivenom Research" **Isbister GK**, Buckley NA, de Silva J, Hodgson WC, Brown SGA, de Silva A, Lalloo D, Dawson A, Garawamma I, Graudin A (University of Newcastle)
2. **NHMRC Senior Research Fellowship**. "Multicentre studies of interventions in clinical toxicology and envenoming, including antivenoms, antidotes and decontamination" \$739,515
3. **NHMRC Program Grant**: "An integrated research program in human toxicology to ensure rapid translation of results into practice and regulation." Buckley NA, **Isbister GK**, Dawson A, Roberts M. 2014-2018. \$6,846,800.00 (USyd)

Recent invited talks

1. Social Media and Critical Care Conference (SMACC), Sydney, 2013: Invited Speaker
2. Annual Academic Sessions of the Ceylon College of Physicians, jointly with the Royal College of Physicians (London); Colombo, September 2013 "Snake Envenoming"
3. 15th International Conference of Emergency Medicine 2014, Hong Kong, "Snake envenoming: working toward a unified approach to treatment worldwide"
4. North American Congress on Clinical Toxicology Meeting, San Francisco, 2015: "Biomarkers in Snakebite"
5. Congress of the Asia Pacific Association of Medical Toxicology, Perth, 2015, Plenary
6. The International Association of Forensic Toxicologists Annual Meeting, Brisbane, 2016 "Killing Snake Attacks: How can we be sure?"

Governmental Policy/Guidelines

- 2015: Chair, Bites and Sting Working Group, Remote Primary Health Care Manuals.
- 2015: NSW Guidelines: Management of Acute Behavioural Disturbance in Emergency Depts.
- 2013: NSW Guidelines for the management of Snake and Spider bites.
- 2007: Evaluation of a submission to the National Drugs and Poisons Scheduling Committee on "Sedating Antihistamines in children"