

MARGARET BRIMBLE

School of Chemical Sciences and School of Biological Sciences
The University of Auckland
Auckland, New Zealand



Title of Lecture: “Natural Product Synthesis: A Crucible for New Method Development and Drug Discovery”

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Education:

1983-85 PhD, Chemistry, The University of Southampton

1982-83 MSc, Chemistry, The University of Auckland

1979-81 BSc, Chemistry, The University of Auckland

Research and Professional Experience

2012-present Distinguished Professor, The University of Auckland
2004-present Deputy Director, Maurice Wilkins Centre for Molecular Biodiscovery
2002-present Director of Medicinal Chemistry, The University of Auckland
1999-present Professor and Chair of Organic Chemistry, The University of Auckland
1995-97 Senior Lecturer/Reader in Organic Chemistry, The University of Sydney
1993-94 Senior Lecturer in Chemistry, The University of Auckland
1986-92 Lecturer in Chemistry, Massey University, Palmerston North

Selected Awards and Honors

2023 American Chemical Society Ernest Guenther Award for Natural Products Chemistry
2022 Royal Society of Chemistry Pedler Award for Innovation in Organic Chemistry
2019 Queen's Honour – Dame Companion of the New Zealand Order of Merit (DNZM)
Inducted into American Chemical Society Medicinal Chemistry Hall of Fame
Supreme Award Kiwinet Research Commercialisation Awards
Research Entrepreneur Award Kiwinet Research Commercialisation Awards
2018 Elected Fellow of The Royal Society (FRS) – *first female New Zealander*
Royal Soc. Chem. George & Christine Sosnovsky Award in Cancer Therapy
2017 IUPAC Award - Outstanding Service in Advancement of Chemistry Worldwide
2016 NZ Assoc. of Scientists Marsden Medal (Lifetime Achievement in Science)
2015 IUPAC Distinguished Women in Chemistry/Chemical Engineering Award
2012 Queen's Honour - Companion of the New Zealand Order of Merit (CNZM)
RSNZ Rutherford Medal (top science medal); RSNZ Hector Medal (Chem.Sciences);
RSNZ MacDiarmid Medal (Human Benefit)
2011 Royal Australian Chem. Inst. Adrien Albert Award (Medicinal Chemistry)
2010 Royal Society of Chemistry UK Natural Products Chemistry Award
2008 World Class NZ Award (Research, Science, Technology & Academia)
2007 L'ORÉAL-UNESCO Women in Science Laureate Asia/Pacific
2005 NZIC HortResearch Prize for Excellence in the Chemical Sciences
2004 Queen's Honour – MNZM; RSNZ James Cook Research Fellowship
2003 Novartis Chemistry Prize; Royal Society Rosalind Franklin Lectureship
2001 Federation of Asian Chemical Societies Distinguished Chemist Award

Research Interests

Margaret's research focusses on the synthesis of novel bioactive natural products/antimicrobial peptides, antibody-drug conjugates, and lipopeptides for cancer vaccines and new biomaterials.