

# MARIE CURIE LECTURE SERIES



the ROYAL  
SOCIETY of  
NEW ZEALAND  
TE APĀRANGI

## EXPLORING NATURE'S MEDICINE CHEST

PROFESSOR MARGARET BRIMBLE FRSNZ

### WELLINGTON

**Time:** 6.00pm  
**Date:** Thursday 24 February  
**Location:** Te Marae, Te Papa

The intricate chemistry of nature has evolved over millions of years and we are in the exciting position to be able to recreate and craft the compounds that already exist in the world, in the laboratory.

This lecture explores such possibilities and how we can best use these discoveries to create new medicines. It will showcase how natural products derived from microorganisms that live in extreme environments, and natural products produced by algal blooms, can be harnessed to develop novel anticancer, antibacterial and antiviral drugs and drugs to treat neurodegenerative diseases.

Professor Margaret Brimble holds the Chair of Medicinal Chemistry at the University of Auckland and in 2005, was made a Fellow of the Royal Society of Chemistry in the UK and appointed a Member of the New Zealand Order of Merit. She was named the 2007 L'Oreal-UNESCO Women in Science Laureate in Materials Science for Asia-Pacific



Year of Chemistry  
**2011**

*Exploring Nature's Medicine Chest* is the opening of the Marie Curie Lecture Series, a year-long national tour of talks by female New Zealand chemists in honour of Curie's Nobel Prize in Chemistry for her ground-breaking studies in radium and polonium.

Details of upcoming lectures can be found at:  
[www.royalsociety.org.nz](http://www.royalsociety.org.nz)  
[www.yearofchemistry.org.nz](http://www.yearofchemistry.org.nz)

**These lectures are free and open to the public.**

For more information please contact [lectures@royalsociety.org.nz](mailto:lectures@royalsociety.org.nz) or 04 4705770.