



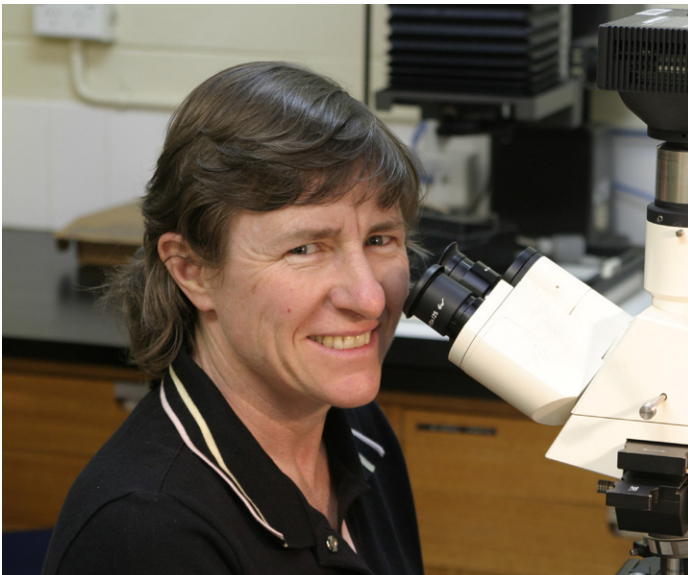
Australian
National
University

The fun of using molecular cell biology to study plant-pathogen interactions

Wednesday 14 August 2013 1 – 2pm

Adrienne Hardham, Professor, Division of Plant Science, RSB

Slatyer seminar room R.N. Robertson Building (Bldg. 46), Linnaeus Way, ANU



Every day, plants, like animals, come into contact with potential pathogens. They have, however, evolved a range of strategies – both constitutive and induced – to fend off attack, making disease the exception rather than the rule. In order to establish disease, pathogens must overcome host defenses, and they have evolved a range of infection strategies to achieve this. Over the last 20-30 years, advances in microscopy and molecular cytology have completely revolutionized the ways in which we can study plant-pathogen interactions. We can now watch cytoplasmic reorganization in living plant cells as they respond to an invading pathogen. We can monitor the production and release of virulence factors as pathogens launch their attack. The images are often exquisite and enlightening; the research is fun and rewarding.

Presented by

ANU College of
**Medicine, Biology
& Environment**

Contact details

E adam.carroll@anu.edu.au T 02 612 54213
This lecture is free and open to the public
Plant Science Seminar Series information:
biology.anu.edu.au/News/events-ps.php

CRICOS# 00120C

PUBLIC LECTURE