

Brief Introduction of Speaker

Dr Barend H J de Graaf

School of Biosciences

Cardiff University

Cardiff

Wales, United Kingdom

Undergraduate Degree

4 year Bsc: Nijmegen University, The Netherlands

Research Projects:

Pollen as Biological Sensor for Cadmium contamination in the Environment

Pistil Extensin-like Proteins in *Nicotiana* (PGS/Bayer Gent, B)

Post-Graduate Degree & Research experience

PhD: Nijmegen University, The Netherlands – PI Prof. Celestina Mariani

Thesis title: Pistil Proline-rich Proteins in *Nicotiana tabacum*.

Post-Doc: Amherst, Massachusetts (USA) – PI Prof Alice Y Cheung

Role of Rab GTPases in membrane trafficking during pollen tube growth

Post-Doc: Birmingham (UK) – PI Prof Veronica Franklin-Tong

The function of Soluble Inorganic Pyrophosphatases in *Papaver rhoeas* pollen during the Self-incompatibility response

Post-Doc: Birmingham (UK) – Prof. Chris Franklin

Identification and functional analysis of the SI Pollen receptor genes in *Papaver rhoeas*

2008-present Cardiff School of Biosciences

Unravelling the Molecular mechanisms of Pollen-Pistil recognition between 'own' and 'foreign'.