

Controlling cancer

ONE STEP AT A TIME: lessons from the cervical cancer vaccine

Professor Ian Frazer AC FRS

Cervical cancer was the first human cancer to be unequivocally associated with a virus infection, and kills 250,000 women worldwide every year. Development and demonstration of the efficacy of a preventative vaccine was a global team effort, and a testimony to the power of cooperation between researchers, government agencies and philanthropy. The lecture will address some lessons learnt, and some challenges still to be overcome to get the full benefit of the technology breakthrough that enabled the development of the vaccine.



Professor Ian Frazer is a clinician scientist, trained as a clinical immunologist in Scotland. As a professor at The University of Queensland, he leads a research group working at the Translational Research Institute on the immunobiology of epithelial cancers. He is recognised as co-inventor of the technology enabling the HPV vaccines, currently used worldwide to help prevent cervical cancer. He heads a biotechnology company, Admedus Vaccines, working on new vaccine technologies, and is a board member of several companies and not for profit organisations. He is current president of the Australian Academy of Health and Medical Sciences, and a member of the Commonwealth Science Council. Most recently appointed chair of the federal governments Medical Research Future Fund. He was recognised as Australian of the Year in 2006. He was recipient of the Prime Minister's Prize for Science, and of the Balzan Prize, in 2008, and was elected Fellow of the Royal Society of London in 2012. He was appointed Companion of the Order of Australia in the Queen's Birthday Honours list in 2013.

The lecture is named in honour of the late Mr Peter Goodenough (1936–2004), a QBI benefactor, whose personal battle with motor neuron disease (MND) led to an inspirational bequest for fundamental scientific research. These funds have primarily been used to establish, staff and support the **Peter Goodenough and Wantoks Research Laboratory** and is a showcase example of how members of the community can make a powerful and lasting contribution to the future health of all Australians. Mr Goodenough resolved to ensure his personal wealth would be directed to fighting MND, even though he knew he would personally not benefit from the research.

Date

Thursday 9th of August

Time

5.00pm–6.00pm, followed by a cocktail party

Location

QBI Auditorium, Level 7

**Queensland Brain Institute (QBI) Building N°79,
The University of Queensland, St Lucia campus**

RSVP at

qbi.uq.edu.au/PGML18

by Thursday 2nd of August



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