

Professor Julie H Campbell AO, FAA

Overview

Professor Julie Campbell is recognised as a world leader in the field of smooth muscle biology with more than 30 years experience as a professional scientist.

Professor Campbell has taught and mentored many post-graduate science students. Her life-long commitment to research in human health and science education has ensured Professor Campbell's eminence.

Patents

Together with her husband, Professor Gordon Campbell, she has developed an autologous vascular graft grown in the peritoneal cavity from cells of bone marrow (myeloid) origin, with demonstrated patency greater than 16 months and bursting strength in excess of 2,500 mmHg. Professors Campbell are now using the same technology to produce autologous bladder and uterine grafts, while others have adopted it to produce heart valves.

Awards / recognitions

- June 2006, awarded an Office of the Order of Australia (AO) in the Queen's Birthday Honours List for her distinguished service to science and education in Australia
- 2004 Queensland Great, awarded by the Queensland State Government)
- 2003 Centenary Medal for services to vascular biology and the community
- 1995 Wellcome Australia Medal for 'distinguished scientific achievement towards our understanding of the cell biology of atherosclerosis and other vascular diseases'
- Honoured by Distinguished Lecture Awards from both the Australian Vascular Biology Society and the Cardiac Society of Australia and New Zealand

Positions

- Senior Principal Research Fellow of the National Health and Medical Research Council (NHMRC)
Past service for the NHMRC includes:
 - Secretary of the National Association of Research Fellows (NARF) of the NHMRC for two terms
 - Served on NHMRC Discipline Panels and Training Awards Committees
- Member of Council and Executive Committee of the Australian Academy of Science
 - Elected into the Australian Academy of Science in 2000, at the time one of only 14 women nationally and the only Queensland woman
- In 2006 made Secretary for Education and Public Awareness - responsible for the development of a new inquiry-based science education program (called 'Primary Connections: Linking Science with Literacy') that will be implemented in primary schools nationally
- Director of the Centre for Research in Vascular Biology at the University of Queensland
- Professor Campbell established the Centre *de novo* upon moving to Brisbane in 1991. All staff at the centre are employed through competitive external grants
- Director of The Wesley Research Institute at The Wesley Hospital
 - Appointed as its inaugural director in 1996, in this role Professor Campbell encourages and facilitates research projects and clinical trials carried out by Wesley Hospital clinicians.

- Member of the Cardiovascular Health Advisory Committee of the National Heart Foundation
 - Professor Campbell held this position for three years
- Founder (1992) and inaugural President of the Australian Vascular Biology Society (AVBS)
 - Professor Campbell was Chairman of the Xth International Vascular Biology Meeting held in Cairns in August 1998 that won the Meeting Industry Association of Australia Award for Excellence
- Served on the University of Queensland Research Committee and Queensland Institute of Medical Research Council
- 2007 Chairman and Organiser of the International Society of Applied Cardiovascular Biology Scientific Meeting

Publications / speaking engagements

Professor Campbell has published a total of 212 papers in international scientific journals, three books and two patents.

She is invited to speak at several international symposia each year (to date she has presented at more than 65 international conference lectures), and to write reviews/chapters.