

## **BIOGRAPHIES OF THE SPEAKERS AT THE STEM CELL RESEARCH FORUM ON 21 MAY 2003 AT SUBIACO THEATRE CENTRE**

### **PROFESSOR ALAN TROUNSON**

Alan Trounson, Ph.D., is Professor of Obstetrics and Gynaecology/Paediatrics at Monash University. He has been appointed Chief Executive Officer of the newly formed Biotechnology Centre of Excellence – ‘National Stem Cell Centre’.

Professor Trounson graduated from the University of New South Wales in 1971 with an M.Sc. in Wool and Pastoral Sciences. In 1974 he was awarded a Ph.D. in animal embryology by Sydney University. From 1974-1976 he was awarded the Dalgety Research Fellow at the ARC Institute of Animal Physiology and Biochemistry at Cambridge University. In 1977 he was appointed Senior Research Fellow at Monash University, and by 1984 was a Reader in the Department of Obstetrics and Gynaecology. He was appointed Director of the Centre for Early Human Development in 1985, and in 1991 was awarded a Personal Chair in Obstetrics and Gynaecology/Paediatrics at Monash University.

Among other awards, he has received the Welcome Australia Medal 1991 for contributions to medical research, the F.C. Donders Chair for Research, University of Utrecht, 1992-1993, the 3rd Patrick Steptoe Memorial Medal 1994 by the British Fertility Society, the 14th Benjamin Henry Sheares Medal 1995 by Obstetrical and Gynaecological Society of Singapore, the 1997 Banksia Environmental Award for the Animal Gene Storage Resource Centre of Australia, the Barbara Eck Menning Medal and Award 1997 by RESOLVE USA, Achiever Award 1998 by the Committee for Melbourne, the William C. Andrews Wyeth - Ayerst Lectureship from International Federation of Fertility Societies and the American Society for Reproductive Medicine for Outstanding Contribution to the Advancement of Knowledge, the International Academy of Reproductive Medicine Award for distinguished contributions to reproductive medicine in 1999, the Inaugural Lloyd Cox Memorial Lecture and Award, University of Adelaide in 2000, and the John O Miller Distinguished Achievement Award for in 2000, the Amoroso Award and Lecture for the Society of Reproduction and Fertility (UK) in 2002, and the International Consumer Support for Infertility Society – First International Award in Vienna in 2002.

Professor Trounson's scientific interests and accomplishments include; the pioneering of human in vitro fertilisation (IVF) including the introduction of fertility drugs, embryo freezing, egg and embryo donation, sperm microinjection, embryo biopsy for preimplantation genetic diagnosis, oocyte maturation, embryo culture to blastocysts, vitrification of oocytes and, gene expression in human eggs and embryos. He has had a long association with the sheep, beef and dairy industries and is presently the senior researcher directing the establishment of the Co-operative Research Centre for Innovative Dairy Products. He is a Director of Australian Wool Innovation and in on the Victorian Government's Innovation Economy Advisory Board. His present research interests are focused on human embryonic and adult stem cells and their directed differentiation into tissues suitable for transplantation, tissue engineering and transplantation biology.

## **PROFESSOR ALAN R HARVEY**

Department of Anatomy and Human Biology  
The University of Western Australia  
Crawley, Perth, WA 6009

### **Qualifications**

1975 BA (Hons), M.A. University of Cambridge, England  
1978 Ph.D. Australian National University, ACT, Australia

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### **Major fields of academic and research interest:**

Neurotrauma; Neural Transplantation And Cell Replacement; Gene Therapy;  
Biopolymers; Development, Plasticity And Regeneration In The Brain And Spinal Cord

### **Employment History:**

1987-1979 Postdoctoral Fellow with Professor RD Lund FRS, Department of Biological Structure, University of Washington, Seattle, Washington, USA.  
1979-1981 Visiting Instructor, Department of Anatomy, Medical University of South Carolina, Charleston, SC, USA  
1981-1984 Senior Demonstrator, Department of Human Physiology, Medical Centre, The Flinders University of South Australia, Adelaide  
1984-present initially Lecturer, now Professor, Department of Anatomy and Human Biology, The University of Western Australia, Perth, WA

### **Professional Affiliations/Service:**

Member of International Neural Transplantation Council  
Member of Editorial Board: Brain Research Bulletin,  
Ad-hoc reviewer for many international journals  
NH&MRC and ARC grant reviewer  
Grant reviewer for a number of Foundations based in Australia or overseas, including Wellcome Trust (UK), NINCD (NIH), and National Science Foundation (USA).  
Member of International Scientific Committee, Australasian Spinal Research Trust (1994- )

### **Member of Programming Committees:**

1st , 2nd and 3rd Asia-Pacific Symposia on Neural Regeneration  
Member of International Programming Committee, 8th International Meeting on Neural Transplantation and Repair (Keystone, Colorado, 2002)  
Member of Australian Neuroscience Society, and Society for Neuroscience (USA)  
Quatercentenary Research Fellow, Emmanuel College, Cambridge, UK (1991)

Continuous research funding support from the NHMRC since 1983  
Published about 100 full-length research papers in international referred journals. This includes invited authorship of a number of chapters in books published by overseas publishers.

University Excellence in Teaching Award (Faculty of Science) 1994

Member of the Western Australian Reproductive Technology Council - nominee of the Minister for Health  
Member of University Animal Ethics Committee  
Member of University Scholarships Committee  
Member of University Animal Users' Committee

### **MS DAPHNE ANDERSEN AND DR SANDY WEBB**

Daphne Andersen is currently a legal officer in the Department of Health. Sandy Webb is Senior Policy Officer/Reproductive Technology in the Department of Health WA. Most recently they have been working with officials from all States and Territories to develop and implement the new Commonwealth legislation to prohibit human cloning and regulate the use of excess human embryos, and assisting in the development of legislation in WA that is consistent with this. Sandy is currently a member of the Australian Health Ethics Committee, bringing to that Committee experience in public health research, and a member representing AHEC on the new Gene Technology Ethics Committee. She has participated in a number of national and international committees that have developed guidelines relating to assisted reproductive technology.

### **DOCTOR JOHN I. FLEMING**

Dr John Fleming is a Catholic priest, Director of Adelaide's Southern Cross Bioethics Institute, and a talk-back announcer with Radio 5AA in Adelaide. He is married with three children.

He specialises in the development of public policy in bioethics. His PhD (Griffith University, Queensland) is in philosophy and medical ethics.

He was a foundation member (1992-1996) of UNESCO's International Bioethics Committee which developed the Universal Declaration on the Human Genome and Human Rights (adopted by the General Conference of UNESCO on 11 November 1997).

He is the author of three books and many articles on bioethics.

Dr Fleming is

- ◆ Corresponding Member of the Pontifical Academy for Life. (Vatican)
- ◆ Member of the SA Council on Reproductive Technology. (SA Parliament)
- ◆ Deputy Member of the Medical Practitioners Professional Conduct Tribunal under Section 24 of the Medical Practitioners Act 1983. (SA Parliament)
- ◆ Chairman of the Code of Ethics Review Working Party (Commonwealth Government) to review the Code of Ethics and Guide to Ethical Conduct for the aged care sector
- ◆ Expert Member of the Gene Technology Ethics Committee (GTEC) set up under the Gene Technology Act 2000. (Commonwealth of Australia)

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