

Fetal Therapy A Clinical and Experimental Symposium

Thursday 17th April 2008
Lecture Theatre 2, Monash Medical Centre

This free one day symposium is a collaboration between Monash University's *Department of Obstetrics and Gynaecology* and *Healthy Start to Life Research Initiative*, the *Victorian Fetal Therapy Service* and *Southern Health Research Week*.

The symposium is suitable for clinical and non-clinical scientists, obstetricians, neonatologists and midwives interested in medical and surgical *fetal therapy*. The program is a mix of clinical practice, research and future prospects in the field. The presentations are by invited speakers, including Professor Mark Kilby, Dame Hilda Lloyd Professor of Maternal and Fetal Medicine, University of Birmingham, UK.

PROGRAM

| Time | Session | Speaker |
|-------------|--|--|
| 08.30-09.00 | REGISTRATION | |
| 09.00-10.30 | FETAL MEDICAL THERAPY: neuroprotection and all that Creatine: protecting the fetus in hypoxia Application and potential of melatonin Sulphasalazine and in utero infection Corticosteroids and the fetal lung | David Walker, Monash University Suzie Miller, Monash University Burcu Saglam, Monash University Tim Cole, Monash University |
| 10.30 | COFFEE BREAK | |
| 10.45-12.00 | MONOCHORIONIC TWINS: the bad and the ugly The Victorian Fetal Therapy Service Laser for TTTS – Birmingham MCDA – when to deliver? | Andrew Edwards, Southern Health Mark Kilby, University of Birmingham Stephen Tong, Monash University |
| 12.00-14.00 | LUNCH (David de Kretser Lecture "Clear thinking versus wishful thinking" by Dr Alan Finkel, Chancellor of Monash University at 12.30, Lecture Theatre 1, MMC) | |
| 14.00-15.00 | HEART and BLOOD: changing surveillance and therapy Fetal Arrhythmias Red cell isoimmunisation NAIT – are we doing it right? | Sue Walker, University of Melbourne Mark Teoh, Southern Health Steve Cole, Royal Women's Hospital |
| 15.00-15.45 | FETAL SURGERY: selection and treatment challenges Amniotic bands Cord ligation Gastroschisis | Chris Kimber, Southern Health Tim Roberts, Southern Health Peter Ferguson, Southern Health |
| 15.45 | COFFEE BREAK | |
| 16.00-16.30 | PERINATAL IMAGING: of mice, rabbits and (wo)men Fetal ultrasound in a small animal Synchrotron and lung studies | Hayley Dickinson, Monash University Stuart Hooper, Monash University |
| 16.30-17.30 | URINARY TRACT OBSTRUCTION: from cell to surgery CAKUT: in vitro and in vivo models. PLUTO – an RCT | Gina Caruana, Monash University Mark Kilby, University of Birmingham |

Sponsored by Department of Obstetrics and Gynaecology, Monash University.

A Healthy Start to Life (HSLri) and Victorian Fetal Therapy Service (VFTS) Symposium
as part of Southern Health Research Week.

Registrations: lisieux.jones@med.monash.edu.au



MONASH University



Victorian Fetal
Therapy Service

Southern Health

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Organisers

Prof Euan Wallace

*Department of Obstetrics and Gynaecology, Monash University and
Women's and Children's Program, Southern Health*

Dr Hayley Dickinson

Monash Immunology and Stem Cell Laboratories and HSLri, Monash University

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Speakers

Associate Professor David Walker

Department of Physiology, Monash University

Dr Suzie Miller

Department of Physiology, Monash University

Ms Burcu Saglam

Department of Obstetrics and Gynaecology, Monash University

Dr Tim Cole

Department of Biochemistry, Monash University

Dr Andrew Edwards

Women and Children's Program, Southern Health and Victorian Fetal Therapy Service

Professor Mark Kilby

Birmingham Women's Hospital, University of Birmingham

Dr Stephen Tong

Department of Obstetrics and Gynaecology, Monash University

Dr Steve Cole

Royal Women's Hospital, Melbourne and Victorian Fetal Therapy Service

Dr Sue Walker

University of Melbourne and Victorian Fetal Therapy Service

Dr Mark Teoh

Women and Children's Program, Southern Health and Victorian Fetal Therapy Service

Mr Chris Kimber

Women and Children's Program, Southern Health and Victorian Fetal Therapy Service

Dr Tim Roberts

Women and Children's Program, Southern Health

Mr Peter Ferguson

Women and Children's Program, Southern Health

Dr Hayley Dickinson

Monash Immunology and Stem Cell Laboratories and HSLri, Monash University

Associate Professor Stuart Hooper

Department of Physiology, Monash University

Dr Gina Caruana

Department of Anatomy and Developmental Biology, Monash University