

ETMRC (2012) 2nd Meeting

**Scottish Government Health Directorates
Chief Scientist Office**

Experimental and Translational Medicine Research Committee

Minute of the meeting of the ETMRC held in meeting room 4:ER, St Andrew's House, Edinburgh at 9.30 a.m. on Friday, 22 June 2012.

Present:

Dr Simon Powis (Chair)
Dr Elaina Collie-Duguid
Professor Ruth Jarrett
Professor George Macfarlane
Dr Andrew McIntosh
Professor Keith Muir
Professor David Newby
Dr Russell Petty
Professor Ian Reid
Professor Philip Rowe
Professor Donald Salter
Dr Calum Sutherland
Mrs Joan Munro
Ms Barbara Lamb

Scottish Government:

Dr Alan McNair
Mrs Yvonne Croll
Mr Kenneth McLeod

1. Apologies for absence and intimations

Professor Eleanor Davies and Professor John Norrie sent their apologies. Dr McNair announced that Dr Powis has agreed to take over as Chair of the Committee with Dr McIntosh as vice/deputy.

2. Approval of minutes of ETMRC meeting held on 24 February 2012

The minutes of the meeting were approved.

3. Matters arising from the minutes of the ETMRC meeting held on 24 February 2012

3.1 (6.8) Dr D Kluth, Dr C Bellamy, Dr S Prost, Dr D Dunbar (ETM/189)

Recovery from ischaemia-reperfusion injury after renal transplantation.

A funding letter has been issued and accepted.

3.2 (6.10) Dr K Simpson, Prof S.J. Forbes, Dr A MacKinnon (ETM/191)

Monocyte-macrophage activation in acute liver failure: a mechanism to develop the systemic inflammatory response syndrome.

A funding letter has been issued and accepted.

3.3 (6.13) Dr M Boyd, Dr A Sorensen, Prof D Jaroszynski, Dr C DesRosiers, Prof A. Chalmers (ETM/194)

Investigations of very high energy electron tumour therapy based on laser-plasma wakefield accelerator.

A funding letter has been issued and accepted.

3.4 (6.15) Dr M Schneider, Dr C Delles, Dr D Carty, Dr M Freel, Prof H Mischak, Prof A Dominiczak (ETM/196)

Cardiovascular consequences of pre-eclampsia in women from the Generation Scotland: Scottish Family Health Study.

A funding letter has been issued and accepted.

3.5 (6.22) Prof P Ghazal, Dr P Dickson, Dr B Stenson, Dr C Smith (ETM/202)

High accuracy, low volume host-directed detection of neonatal sepsis.

A funding letter has been issued and accepted.

4. Final Reports

4.1 Prof P. Fowler (CZB/4/742)

Bioincubator system to model toxic effects on the human fetal testis.

The Committee graded the report as Good.

4.2 Dr K. Evans (CZB/4/782)

What Lies Behind Susceptibility to Schizophrenia? Investigation of the correlation between Endophenotypes of Working Memory and Expression Levels of DISC1 pathway Genes.

The Committee graded the report as Excellent

4.3 Prof I. McEwan (CZB/4/477)

Deregulation of Androgen Receptor Signalling in Prostate Cancer.

The Committee graded the report as Good

4.4 Dr J. Gardner-Medwin (CZB/4/470)

Evidence of risk for the development of premature cardiovascular disease in juvenile idiopathic arthritis?

The Committee graded the report as satisfactory

4.5 Dr G. Smith (CZB/4/389)

Mechanisms regulating individuality in cytochrome P450 CYP2S1 expression in human skin.

The Committee graded the report as Good.

4.6 Dr M. Dalby (CZB/4/714)

Tissue engineering of living bone graft in vitro for orthopaedic application.

The Committee graded the report as Good.

4.7 Professor McIntosh (ETM/84)

Genetic variation in HCN1-4 and its relationship to cognition and depression in individuals from the Generation Scotland: Scottish Family Health Study.

The Committee graded the report as Excellent

5. Applications

5.1 (6.1) Prof J. Kinsella, Dr B. Shelley, Dr J. Payne, Dr M. Johnson, Dr C. McSharry, Dr A. Macfie, Mr A. Kirk (ETM/184)

The pulmonary-vascular/right ventricular response to lung resection.

The Committee did not recommend funding this application.

5.2 (6.7) Dr G. Smith, Dr M. Ferguson, Prof C.S. Herrington (ETM/219)

Characterisation of novel drug resistance mechanisms in ovarian cancer.

The Committee did not recommend funding this application.

5.3 (6.9) Dr D. Griffith, Prof T. Walsh, Prof A. Rossi, Dr S. Lewis (ETM/221)

Persisting inflammation following critical illness: prevalence, relationship to physical recovery, and exploration of defects in inflammatory resolution pathways.

The Committee recommended funding this project.

5.4 (6.10) Dr S. Graham, Dr K. Cuschieri, Dr R. Devine, Dr M. Canham(ETM/222)

Novel mRNA tests for diagnosing human papillomavirus-associated disease

The Committee did not recommend funding this application.

5.5 (6.14) Prof I. Deary, Prof J. Starr, Prof H Mischak (ETM/225)

A proteomics approach to cognitive function and health in old age.

The Committee did not recommend funding this application.

5.6 (6.15) Dr T. Palmer, Prof H. Leung, Dr G. Baillie (ETM/226)

Extracellular signal-regulated kinase 5 (ERK5) and the regulation of neuroendocrine differentiation in prostate cancer.

The Committee recommended funding this application.

5.7 (6.20) Prof J. Haas (ETM/231)

Role of interferon-lambda in herpes simplex virus (HSV) infection.

The Committee did not recommend funding this application.

5.8 (6.22) Prof H. Critchley, Prof P. Saunders, Prof T. Freeman, Dr J. Maybin (ETM/233)

Identification of a molecular signature for heavy menstrual bleeding (HMB) - development of a diagnostic tool.

The Committee did not recommend funding this application.

5.9 (6.25) Dr R. Barr, Dr J. Gregory (ETM/236)

Measurement of hip osteoarthritis progression and poor outcome prediction by a novel imaging biomarker (Active Shape Modelling).

The Committee did not recommend funding this application.

5.10 (6.26) Mr G. Ashcroft, Mr M. Downing, Dr G. Galea, Prof A Lee (ETM/206)

A radiostereometry assessment of bone graft processed with novel sterilisation techniques (a study of patients undergoing acetabular impaction grafting hip revision surgery).

The Committee recommended funding this application.

5.11 (6.27) Dr T. Smith, Dr R. Petty, Prof G. Murray, Dr Z. Mieddzybrodzka, Mr K. Park, Prof J. Greenman, Prof S. Haswell (ETM/237)

A microfluidic investigation of response detection of gastric cancers to novel therapies using molecular imaging.

The Committee did not recommend funding this application.

5.12 (6.28) Dr A. Stanfield, Dr C. Melville, Prof F. Pollick, Prof S. Lawrie, Prof J. Hall, Prof N. Roberts (ETM/238)

Stratifying autism spectrum disorders using oxytocin receptor genetic variability.

The Committee did not recommend funding this application.

5.13 (6.34) Prof K. Muir, Dr F. Moreton, Dr C. Delles, Prof C. Schwarzbauer, Dr C. Santosh, Dr M. Gonzalez, Dr B Cullen (ETM/244)

Cerebral and peripheral perfusion and reactivity in CADASIL: A longitudinal pilot study.

The Committee recommended funding this application.

5.14 (6.35) Prof G. Macfarlane (ETM/245)

Development of a synbiotic for prophylactic and therapeutic use in clostridium difficile-associated diarrhoea.

The Committee recommended funding this application.

5.15 (6.36) Dr S. Talbot, Dr K. Cuschieri, Dr I. Johannessen, Dr H. Monaghan, Dr E. Junor (ETM/246)

Host and viral genomic signatures of cancers of the head and neck, and their relationship to clinico-pathologic and patient outcomes.

The Committee did not recommend funding this application.

5.16 (6.39) Prof T. McMillan, Dr W. Stewart, Prof D. Menon, Dr P. Shiels, Dr C. Weir (ETM/249)

A feasibility and pilot study of the outcome 15 years after a severe head injury in a longitudinal Scottish cohort.

The Committee did not recommend funding this application.

5.17 (6.40) Dr K. Templeton, Dr N. Gadsby, Dr A. Morris, Dr A. Hill, Dr I. Laurenson (ETM/250)

MICAP: Microbiological investigation of community acquired pneumonia.

The Committee recommended funding this application.

6. Any other business

7. Date of next meeting

Tuesday 6 November 2012, Conference room C&D, St Andrews House, Edinburgh, 9:30 am.