

From the editors

Welcome to TCES Newsletter 8. The new editorial team has launched a new style newsletter which is designed for browsing on screen. Follow the links from the headlines to read the full articles.

If you wish to contribute to the TCES newsletter then please email

James (J.B.Phillips@open.ac.uk), Vivek (v.mudera@ucl.ac.uk) or John (J.W.Haycock@sheffield.ac.uk)

We are always looking for articles of interest to the TCES community which may include conference reviews, research news or hot topics. We welcome your contributions!

From the president

“The purpose and focus of TCES from its early days has been to **encourage**, to **support** and (most of all) to **inspire** young and early stage researchers in Tissue and Cell Engineering...” [Link to Full Article](#)

FOCUS - Institute of Medical and Biological Engineering (iMBE) – University of Leeds

This year's TCES Annual Meeting was held for the first time at the University of Leeds, hosted by Professor Eileen Ingham. Professor Ingham is an international figure in the field of Medical Engineering and co-directs the Institute of Medical and Biological Engineering (iMBE) at Leeds University together with Professor John Fisher, CBE. The iMBE is driven predominantly by clinical challenges with research and education in the fields of medical devices and regenerative medicine. [Link to Full Article](#)

TCES Awards 2011

Early Stage Investigator prize: Dr Rebecca Shipley, University of Oxford. Her research involves the use of mathematical modelling techniques in relation to medical systems.

Oral Presentation Prize: Dr Yella Martin, Blond McIndoe Research Foundation for the talk 'Autologous keratinocytes and fibroblasts delivered on microcarriers in combination with Integra significantly reduce wound contraction *in vivo* in the porcine model of wound repair'.

Research Article - *Cell therapy in the treatment of tendon disease, Jasmine Ho*

Tendon disease has a huge impact on morbidity and disability of patients and is a focus for new therapies. This review discusses regenerative cell therapy as a treatment for tendon disease. [Link to Full Article](#)

Research Article - *Advances in Tissue Engineering Applications, Laura Kelly*

Review covering five areas; skin burns and chronic wounds, buccal mucosa for urethroplasty, strengthening of the pelvic floor, replacement of the cornea for limbal stem cell deficiency and treatment of a cleft palate. [Link to Full Article](#)

TCES Travel Bursaries – a maximum of £150 is provided to TCES members (post-graduate and post-doctoral researchers) to help promote tissue and cell engineering research. To be eligible to apply, you must have had an abstract accepted for a conference (national or international) which is relevant to the TCES. Applicants who receive an award will have to write a short summary about the conference for the TCES newsletter. Application forms and further details are available via the [TCES website](#). Links to summaries from some recent beneficiaries of TCES Travel Bursaries are listed below.

International Anatomical Sciences and Cell Biology, 2010:
TERMIS EU 2011 Annual Meeting, Granada, Spain, June 2011:

[Sarah Mason \(Open University\)](#)
[Monica Tsimbouri \(Glasgow\)](#)
[Rebecca McMurray \(Glasgow\)](#)
[Alba Carla de Luca \(Manchester\)](#)

TCES now has a [Facebook](#) page