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Edited and Compiled by:

Dietmar W. Hutmacher, PhD, MBA
Queensland University of Technology

Sarah Wilburn
TERMIS Administrator

Letter from the Immediate Past President

The Dictatorship of TERMIS is Over

From the first of January 2010 TERMIS enjoys its first elected President, Stephen Badylak, who takes over the leadership for me. The Society, which was created just five years ago, aims to unify the world in the field primarily by organizing top meetings. Why was TERMIS ruled by a dictator? How well are we doing in gathering the world of TERM?



Jöns Hilborn, TERMIS President 2008-2009

The initiation of TERMIS was first discussed during the Lausanne ETES meeting in 2004 which was followed by a creative meeting in Boston with ETES and TESi representatives early 2005. Due to the large number of decision to be taken and structures to be setup, we decided to run TERMIS without elected presidents for the first two periods. The idea was to advance rapidly and setup rules for a transparent organization without corruption.

In June 2005 the members of the two societies approved the merger to form TERMIS. This was followed by incorporation of the Asian Pacific Chapter in October 2005 with the launch of the TERMIS website. Early 2006 the SYIS chapter was formulated and the first newsletter *interLink* completed. The collection of membership dues became a point of discussion since the common way of simply paying a fee was not compliant with some Asian countries. We therefore adopted a system whereby the dues can be collected either by attending a meeting or by direct payment. In April that year TERMIS signed a contract with Mary Ann Leibert designating *Tissue Engineering* as the official journal of the society. This came with free online access to the membership. The journal has grown tremendously until now.

All decisions and the structure that has been established are naturally influenced by the history and what was thought to be best for the moment. Nothing is carved in stone. In the future I hope to see



improvements and new initiatives to adapt with new challenges and opportunities.

The TERMIS meetings have evolved as the major meetings in the field with a steady growing number of participants, Figure 1 and members, Figure 2. Hosting such a meeting is a major responsibility but also rewarding in terms of recognition.

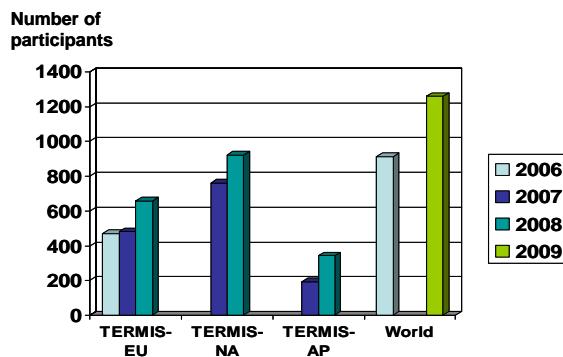


Figure 1. The number of participants in TERMIS meetings is growing. The persons that have assumed the host responsibilities have been Alan Russell and Gerjo van Osch (2006), Teru Okano, Michael Sefton & Molly Shoichet and Robert Brown (2007), Hsing-Wen Sung, Rui Reis, Anthony Ratcliffe, Robert Sah & Bill Tawil (2008) and Hai Bang Lee (2009).

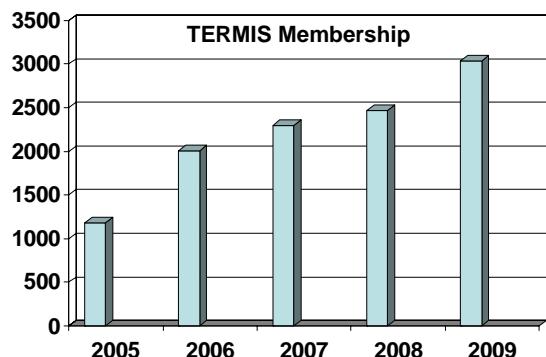


Figure 2. The number of TERMIS members has steadily increased from 1000 in 2005 to over 3000 in 2009. The distribution of members is fairly even over the three chapters NA, AP, and EU.

Importantly with this large number of meeting participants and members it is possible to organize high quality meetings at a reasonable cost. The TERMIS-EU and TERMIS-NA has set up their own legal entities with bank accounts and has now some funds available to support selected activities like travel grants for students etc. Moreover, being own legal entities the individual chapters may apply for funding in their respective region based on initiatives from their members.

The TERMIS-AP board has also expressed their ambition to set up similar legal structure for the Asian region which is important for coherence and actions in Asia.

TERMIS is the world largest and leading society in the field. TERMIS is growing and open to ideas and encourages initiatives and actions by and from its members that like to take advantage of its membership. Examples of activities in outside the major meetings are:

✓ Cell Patient Survey

In October 2008, Ivan Martin proposed to the TERMIS Governing Board and the EU Chapter that the EU Chapter become involved, along with the International Society of Cellular Therapy (ISCT-Europe), and of the International Cartilage Repair Society (ICRS), have joined forces with the European group for Blood and Marrow Transplantation (EBMT) and the European League Against Rheumatism (EULAR) to establish a comprehensive, quantitative map of patients being treated in Europe with specific cell types, sorted by the cell processes and delivery modes used.



Dr. Ivan Martin

The survey sheet has been distributed to the TERMIS-EU membership in both 2008 and 2009. The program is expected to establish a comprehensive, quantitative map of how many patients are being treated with which cell type, cell process and delivery mode.

✓ TERMIS Sessions Organized at Other Society Meetings

The TERMIS Governing Board unanimously agreed that the Chapters should contact other societies interested in TE/RM research to increase the exposure of the Society. The TERMIS-EU and NA chapters have been working with the ISSCR, ASMB, ICRS, ISCT-EU, to name a few, to organize sessions at these various meetings and have offered these organizations to do the same at the respective TERMIS meeting.

✓ SYIS

The student and young investigator section (SYIS) has been very involved in the planning of various student activities that are held during the annual chapter meetings and the World Congress. The students work closely with the local meeting chair to coordinate student sessions, such as: Student-Meet-Mentor, Career Development, Oral & Poster Competition, Student Travel Awards, SYIS Business Meeting and a Social Program.

✓ Summer schools

The EU Chapter has been involved with the organization of a Summer School to encourage student participation.



1st TERMIS-EU Summer School to be held in Funchal, Madeira (Portugal) in June 1-3, 2007.

2008 International Summer School on Advanced Biomedical Technologies for Treatment of Osteochondral Defects in Piran, Slovenia, September 14- 21, 2008.

2009 - Workshop-INserm Summer School « Tissue engineering: study of the interfaces materials/cells/tissues » - May 27-29

✓ **Workshops**

The Chapters are free to organize workshops, if they wish, as long as they follow the guidelines: A workshop must be: reviewed and approved by the TERMIS Governing Board; have a clear main title and focused theme must be identified; not to be held within 2 months prior or 2 months after the World Congress dates.

✓ **Formation of an African Chapter**

In February 2009, I attended a meeting in Alexandria, Egypt. During that meeting, Mona Marei discussed the possibility of Africa creating its own Chapter. Mona has been working diligently with representatives throughout Africa to encourage the countries to come together under the umbrella of TERMIS. Mona has since then prepared a proposal and it has been reviewed by the TERMIS Governing Board. David Williams volunteered to contact Mona and work with her to formulate a structure and establish goals for specific African initiatives to support this upcoming part of the World.

For me it has been a pleasure to see TERMIS grow, to make new friends and establish new research contacts. By the action of TERMIS I foresee not only new scientific breakthroughs, and new companies to be established, but also world wide communication, competition and collaboration for the benefit of patients in need.

All my best in the New Year!

Sincerely,

Jöns Hilborn
Immediate Past President

Letter from the Editor

Dear Friends & Colleagues,

I would like to ask you to join me in thanking our Immediate Past President, Prof. Jöns Hillborn for his leadership and wisdom to develop our society where it stands today "the world leading society in the area of tissue engineering and regenerative medicine." Jöns has the wonderful gift and character quality to be a "Dictator" but at the same time a very welcoming and warm person. He has made a tremendous effort to develop our society to become the leading organization in the world. Jöns did travel incessantly around the world to attend almost every regional chapter meeting under his

presidency. The legacy he left behind is documented by his report in this newsletter.

I would also like to ask you to join me in congratulating and welcoming Professor Stephen Badylak as the new President of our society. Steve is an icon in the tissue engineering field and founding member of our TERMIS society. I would like to ask you all to support and work with Steve and his Board to move TERMIS International to its next eclipse in the 21 century.

Yours sincerely,

Professor Dietmar W. Hutmacher PhD (NUS),
MBA (Henley)



2009 TERMIS Election Results

We would like to welcome the new officers, council members and SYIS officers, who were recently elected in TERMIS' 2009 Election. **Congratulations!**

To those officers and council members, who recently served on the TERMIS Governing Board and/or the Continental Chapter Councils, we thank you for your service! You have helped the Society further its mission of bringing together researchers, scientist and students from around the world to promote the informed discussion of challenges and therapeutic benefits of the application of tissue engineering and regenerative medicine technologies.

Elected to the TERMIS Governing Board

President-Elect

David Williams

Member-At-Large: Global

Jeffrey Hubbell

TERMIS-EU Continental Chair-Elect

Rui Reis

Elected to Serve as Members of the Continental Chapters

European Council

Mauro Alini
Ranieri Cancedda
Paul V. Hatton
Abhay Pandit
Claudio Migliaresi

North American Council

Kristi Anseth
Eric Brey
John Fisher
Pamela Yelick

SYIS (Student & Young Investigator Section) Results

SYIS EU Chair

Rogerio Pirraco

SYIS AP Vice-Chair

Mark Chong

SYIS NA Chair

Maxime Guillemette

SYIS EU Vice-Chair

Paul Geutjes

SYIS AP Chair

Zhang Zhiyong

SYIS NA Vice-Chair

Sayed-Hadi Mirmalek-Sani

2nd TERMIS World Congress in conjunction with the 2009 Seoul Stem Cell Symposium by Prof Jung-Keug Park

The 2nd TERMIS World Congress in conjunction with 2009 Seoul Stem Cell Symposium was held on Aug. 31~ Sept. 3, 2009 at Lotte World Hotel, Seoul, Korea. Around 1,700 participants from over 40 countries were attended. Meeting Chair was Prof. Jung-Man Kim of The Catholic University of Korea, Seoul St. Mary's Hospital, and General Secretary was Prof. Jung-Keug Park of Dongguk University. Nine plenary speakers were invited and 1,156 papers were presented. As the main slogan entitled "Science and Technology for Patients", the program was informative to academic societies as well as the industrial fields. The TERMIS-Student and Young Investigator Section (TERMIS-SYIS) was provided for the "next generation" of scientists and engineers in the field of tissue engineering and regenerative medicine. About 100 students and young investigators had opportunities to discuss with the world-renowned researchers. They had an enjoyable time through the business and the social program. Many attendees shared the opinion that not only outstanding scientific programs, but also an opportunity to enjoy the friendship and expertise of colleagues around the world made this congress a fruitful and memorable one.





JOIN US

13th – 17th June 2010-01-07

In

Galway, Ireland

For the

2010 TERMIS-EU Conference

[**www.termis.org/eu2010**](http://www.termis.org/eu2010)

REGISTRATION is now OPEN !





"Where Discovery Meets Innovation"

CALL FOR SYMPOSIA: Deadline for submission: January 15, 2010

The TERMIS-NA chapter meeting will be held on December 5-8, 2010, in Orlando, Florida. The TERMIS-NA Program Committee invites interested parties to submit symposium proposals.

Symposia present thematically-related research addressing significant problems or challenges in tissue engineering, regenerative medicine and related topics. Symposia bring together leading researchers to present current developments and planned research directions. Where appropriate, symposia present differing points of view on a particular topic.

The Call for Symposia form is now available [online](#).

If you wish to propose a symposium for TERMIS-NA 2010, please complete and submit the form to na2010@termis.org

Have a question for the 2010 TERMIS-NA Organizers? Please contact:

Jon M. Obermeyer

Wake Forest Institute for Regenerative Medicine
336.509.3080
jobermey@wfubmc.edu

Hosted by:



Institute for Regenerative Medicine

With Support From:





Tissue Engineering & Regenerative
Medicine International Society
2010 asia pacific meeting

15 – 17 September 2010
Sheraton on the Park, Sydney, Australia

WELCOME INVITATION



On behalf of the organising committee as chairperson of this forthcoming meeting I wish to invite your participation in this inaugural TERMIS event in Australia.

This is an unique opportunity for all those involved in science and research to come together with medicine, dentistry, veterinary surgery and allied health disciplines to promote the worldwide advancement of tissue engineering and regenerative medicine; in particular the integration of current laboratory technologies and clinical needs in our region.

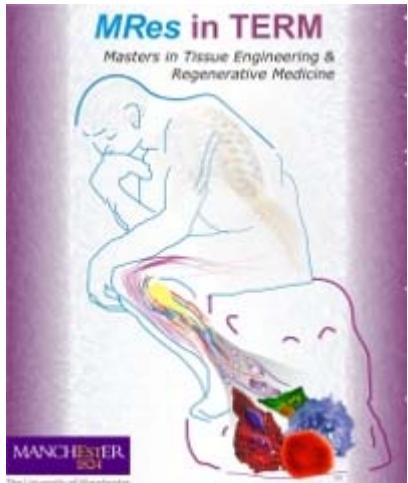
We offer our delegates innovative topics and stimulating clinical debates which will be led by a balance of international and national speakers and the opportunity for industry to contribute. The meeting will pay particular interest to expectations, directions and goals for the progress of Tissue Engineering and Regenerative Medicine by scientists and clinicians over the next half decade.

Sydney, Australia, is a wonderful venue for such a meeting and Spring time in Australia is sensational. The diversity of the nation's geography fauna and flora are on magnificent display and Sydney as with the rest of the nation is experiencing its cultural, social and sporting highlights at this time. It is an opportunity for all to enjoy the freedom of the Australian lifestyle when its weather is at its best.

We look forward to your participation and welcoming you to Sydney in September 2010.

GEOFF MCKELLAR
CHAIR TERMIS AP 2010

MRes in Tissue Engineering for Regenerative Medicine (TERM) Course - University of Manchester, UK



The MRes in Tissue Engineering for Regenerative Medicine (TERM) is a collaborative one year full-time postgraduate degree programme that brings together expertise from across the University. The Masters of Research in Tissue Engineering for Regenerative Medicine (MRes TERM) aims to provide high quality training in novel strategies and technologies aimed to repair, replace and ultimately regenerate tissues and organs. To achieve this, novel approaches are championed in order to exploit advances in synthetic biology and engineer advances in biological functionality. Such ambition requires a commitment to interdisciplinary training and convergence of expertise spanning the biological, computational, mathematical, biomaterial and physical sciences. The MRes is well equipped to provide this, with academic collaboration from across the University including the UK Centre for Tissue

Regeneration; North West Embryonic Stem Cell Centre, the Healing Foundation Centre and the UK Centre for Tissue Engineering (UKCTE). Since its inception in 2007, the MRes has successfully woven cohorts of students from disparate scientific and engineering backgrounds to apply their expertise to biological problems and generate novel clinical solutions. Through a combination of interactive seminar programmes, multi-disciplinary laboratory-based project placements and extensive industrial collaboration, the course provides critical training capacity in a discipline that shows enormous future potential. The University of Manchester has a vast research network in this field, comprising international experts from multiple disciplines and so is extremely well-placed to deliver a truly unique MRes course of exceptional quality.

For further information and application form, please see course website:
<http://www.medicine.manchester.ac.uk/postgraduate/mres/term>.

Have you renewed your membership to TERMIS for 2010?

Please contact Sarah Wilburn, TERMIS Administrator; if you have any questions about membership or complete the online [membership form](#) today.



Collaboration between TERMIS-NA and ASMB

The Tissue Engineering and Regenerative Medicine International Society (TERMIS, <http://www.termis.org>) and The American Society for Matrix Biology (ASMB, <http://www.asmb.net>) are working together to hold a Guest Symposium on Sunday afternoon October 24, 2010 prior to the upcoming ASMB 2010 annual meeting. This workshop will explore the latest developments in synthetic extracellular matrices and how the properties of these fabricated biomaterials exploit the properties of extracellular matrices to play critical roles in cellular differentiation for tissue engineering. This symposium will be an excellent complement to the ASMB concurrent session on Engineered ECMs. In December 2008, the ASMB and TERMIS-NA began interactions as both meetings were both held in San Diego and members of each society were able to attend the reciprocal meeting at a discounted rate.

The ASMB, founded in 2001, promotes research and education in the area of extracellular matrix, its role in human disease, and the application of this knowledge to new therapies and technologies. This is a broad area that encompasses study of ECM molecule structure and function, its impact on cell adhesion, development, and phenotype, inherited and acquired diseases associated with altered ECM molecules, expression, and assembly, and the application of this information for tissue engineering and new therapeutics. One of the principal functions of the ASMB is to provide a forum for ECM biologists of diverse disciplines to meet, interact, exchange ideas, and develop new collaborations. The ASMB Biennial Meeting is one of the society's most effective means to promote these interdisciplinary interactions.

We look forward to the upcoming TERMIS – 2010 ASMB Symposium, and to a productive partnership.

Joanne Murphy-Ullrich, murphy@uab.edu, ASMB
Robert Sah, rsah@ucsd.edu, TERMIS-NA

News from TERMIS-AP Chapter Year 2009~2010

TESMA (Tissue Engineering Society of Malaysia) by Prof Ruszymah BHI

The 2nd Malaysia Tissue Engineering and Regenerative Medicine Scientific Meeting (MTERMS) took place as planned on the 22-23 July 2008 at Universiti Kebangsaan Malaysia Medical Centre. Ninety-two professionals and 66 students registered for this two days congress. Fifty-five students attended the half day "Student-Teacher Program" session for the undergraduates. We invited 8 international and 9 local speakers. Prof. A Bongso from National University of Singapore and Prof. AP Hollander from University of Bristol are the Plenary Speakers. Dr K Ebisawa from Prof. M Ueda's lab and Dr T Inatomi from Prof. S Kinoshita's lab were among the international invited speaker present. We had an informative and enjoyable seminar. We had some discussion with the international speakers in view of collaborations in the future. The extended abstracts of 2nd MTERMS was published in The Medical Journal of Malaysia, Vol 63 Supplement A July 2008.

On the 20th December 2008, TESMA with the Orthopedic Department, Medical Faculty UKM co-organized a Spinal Cord Forum with the theme "Living Life to the Fullest". Fifty paraplegics with their caretakers took part in this whole day seminar. We had a lineup of speakers including orthopedic surgeon, urologist, physiotherapist and scientist talking on 'Spinal cord injury and it's management'. The talk also focused on the potential use of stem cell and tissue engineering technology for treating spinal cord injury. It was a rewarding seminar looking at the faces of the participants. At the end of the day, TESMA donated two wheelchairs to the lucky participant.

On the 17th June 2009, we had a half day seminar in conjunction with the 5th Annual General Meeting of TESMA. The seminar took place at the Faculty of Medicine & Health Sciences, Universiti Putra Malaysia, Selangor. Fifty-four people from various organizations, including public and private universities, and companies took part in the seminar. Pn. Rusnah Mustaffa, from Malaysia Nuclear Agency delivered a talk on the development of hydroxyapatite for bone repair. Prof. Dr. Hesham A. El Enshasy from Universiti



Teknologi Malaysia enlightened us on the cGMP Standard for Cell Culture and Tissue Engineering Facility. Mr. Toshiyuki Akamine, a scientist on rapid prototyping from Autotrade Co. Ltd. Japan talked on the Generation of Biochip via Tissue Engineering Technology.

JSRM (The Japan Society for Regenerative Medicine) by Prof. Masayuki Yamato

- A. The Eighth annual meeting of the JSRM held from March 5 ~ 6, 2009 at Tokyo
- B. The Ninth annual meeting of the JSRM will be held from March 18 through 19, 2010 at Hiroshima. The Chair is Prof. Mitsuo Ochi.
- C. The Tenth annual meeting of the JSRM will be held from March 1 through 2, 2011 at Tokyo. The Chair is Prof. Teruo Okano.
- D. The Eleventh annual meeting of the JSRM will be held at Osaka on 2012, and the Chair is Prof. Yoshiki Sawa.

Official language of the conference will be Japanese. Please visit <http://www.jsrm.jp>.

2010 ISOMRM at Taiwan, ROC by Prof. Feng-Huei Lin

The 2010 ISOMRM (International Symposium of Materials on Regenerative Medicine) will be held on Nov 3~5, 2010 in Zhuan, Taiwan, ROC. The aims of the symposium are to explore the materials technology in regenerative medicine that includes the materials on tissue engineering and bionano sciences. The theme of the conference is "The Prospects of Materials on Health Care Technology." The President of the Meeting is Prof Feng-Huei Lin PhD at Div of Medical Engineering Research, National Health Research Institutes, Taiwan, ROC. Please visit <http://2010isomrm.nhri.org.tw>. E-mail: double@ntu.edu.tw. Tel: +886-37-246166 ext. 37100

The 6th World Congress on Biomechanics (WBC) 2010 at Singapore by Prof. James Cho Hong Goh

The 6th World Congress on Biomechanics (WBC) 2010 in conjunction with The 14th International Conference on Biomedical Engineering (ICBME) 2010 and The 6th Asia Pacific Conference on Biomechanics (APBiomech) 2010 will be held 1~6 Aug, 2010 at Suntec Convention Centre, Singapore. The program includes topics that are related to Regenerative Medicine and Tissue Engineering. For instance, Functional Tissue Engineering (Track Chairs: Prof Dietmar Hutmacher, Australia and Prof Yasuhiko Tabata, Japan) and Biomaterials (Track Chairs: Prof John Fisher, UK and Prof Ming Wang, Hong Kong). The Chair of Local Organizing Committee is Prof James Goh. Please visit website: <http://www.wcb2010.net>.
WCB2010 Secretariat e-mail: confmgr@wcb2010.net

The First World Conference on Nanomedicine and Drug Delivery (WCN-2010) At India

The First World Conference on Nanomedicine and Drug Delivery (WCN-2010) will be held April 16 ~17, 2010, Kottayam, Kerala, India. Contact Person: Dr. A. Goerge, Dr. S. Mathew, J Chathukulam and S. Thomas. Please visit www.anaomedicine.macromol.in. E-mail: nanomedicine@macromol.in Tel: +91-481-259-7914.

KTERMS (Korean Tissue Engineering & Regenerative Medicine Society) by Prof Jung-Keug Park

For the main events in 2010, KTERMS will host the annual meeting on June 11-12, 2010 at The Catholic University of Korea, Seoul St. Mary's Hospital. President of annual conference 2010 is Prof Jung-Keug Park and the Organizing Chair of annual meeting will be Prof Ilwoo Lee (President-elected KTERMS for 2011, Dept of Neurosurgery, Catholic University of Korea, Deajeon St. Mary's Hospital). Official language of the conference will be Korean. Please visit <http://www.kterms.or.kr>. E-mail: jkpark@dongguk.edu

The Web Site of *Tissue Engineering & Regenerative Medicine*, the Official Journal of KTERMS (Editor-in-Chief, Prof Youngsook Son, Kyung Hee University) which is indexed by SCI(E) has been opened to submit electronically by English/Korean version. Please visit www.term.or.kr. E-mail: ysson@khu.ac.kr, mboc@khu.ac.kr

Upcoming Meetings Endorsed by TERMIS

January 2010

- [Stem Cells World Congress](#)
Conference Dates: 20-21 January 2010
Conference Location: San Francisco, California
- [6th Annual Phacilitate Cell & Gene Therapy Forum](#)
Forum Dates: 25-27 January 2010
Conference Location: The Grand Hyatt, Washington, DC

February 2010

- [Meniscus 2010](#)
The Meniscus: From Cradle to Rocker
Conference Dates: February 4-6, 2010
Conference Location: Ghent, Belgium
Conference Chairs: R. Verdonk and P. Beaufils

March 2010

- [4th Biennial Heart Valve & Tissue Engineering Meeting](#)
Meeting Dates: March 7-10, 2010
Meeting Location: Hilton Head Island, South Carolina
Abstract deadline: November 13, 2009
- [14th Annual Hilton Head Workshop](#)
Regenerative Medicine: Advancing to Next Generation Therapies
Workshop Dates: March 10-14, 2010
Hilton Head Island, South Carolina
Abstract deadline: November 13, 2009

April 2010

- [Translational Regenerative Medicine Forum](#)
Forum Dates: April 6-8, 2010
Forum Location: Twin City Quarter, Winston-Salem, N.C.
For further information, please contact Jon Obermeyer, Conference Producer
Tel: 336.713.1155
Email: jon@regenerativemedicinefoundation.org
- [6th Symposium on "Biologic Scaffolds for Regenerative Medicine"](#)
Symposium Dates: April 25-27, 2010
Organizer/Chair: Stephen Badylak, DVM, PhD, MD
Symposium Location: The Silverado Resort, Napa Valley, California
Deadline for Abstract Submission: November 15, 2009

May 2010

- [Clinical Translation of Tissue Engineering Technologies](#)
Symposium Dates: May 13-14, 2010
Symposium Location: Buenos Aires, Argentina
Symposium Venue: Hospital Universitario Austral
Deadline to submit your abstract: January 15, 2010
Contact Information: Gabriela Monti, gmonti@cas.ustral.edu.ar or Alicia Lorenti, alicia.lorenti@gmail.com
[Clinical Translation of Tissue Engineering Technologies Flyer](#)

August 2010

- [2nd International Conference on Cellular and Molecular Bioengineering \(ICCMB2\)](#)
Conference Dates: 2-4 August 2010
Conference Location: Singapore
Abstract Deadline: 30 April 2010
- [Advances in Tissue Engineering Short Course](#)
Short Course Dates: August 11-14, 2010
Short Course Location: Rice University, Houston, TX
Short Course Director: Antonios G. Mikos

September 2010

- [BIOSPINE 3 - 3rd World Congress on Biotechnologies for Spinal Surgery](#)
Conference Dates: September 1-4, 2010
Conference Location: Amsterdam, The Netherlands

October 2010

- [4th International Conference on Biofabrication](#)
Conference Dates: October 4-6, 2010
Conference Location: Drexel University
Co-organizers: Prof. Wei Sun and Prof. Gabor Forgacs
- [bone-tec 2010 - International Bone-Tissue-Engineering Congress](#)
Congress Dates: 7 – 10 October, 2010
Congress Location: Hannover, Germany
The call for symposia proposal application and abstract submission is already open.
Deadline for symposia proposal: 15 March, 2010
Deadline for abstract submission: 30 April, 2010
- [ASMB 2010 Biennial Meeting](#)
Conference Dates: October 24-27, 2010
Conference Location: Marion Hotel, Charleston, SC
Organizer: Jean Schwarzbauer, Princeton University
Keynote: Elaine Fuchs, Rockefeller University



10% registration discount for TERMIS members

**Phacilitate Cell & Gene Therapy Forum 2010
25-27 January, The Grand Hyatt, Washington DC**

Sponsored by Sangamo BioSciences, Lonza Walkersville, Progenitor Cell Therapy and BioLife Solutions.

The Cell & Gene Therapy Forum is firmly established as the world's only event to cater specifically for the knowledge exchange, benchmarking and networking needs of senior management from the cell-, tissue- and gene-based therapy sector.

VISIT WWW.PHACILITATE.CO.UK/CGTHERAPY FOR MORE INFORMATION.

Attend the Cell & Gene Therapy Forum 2010 to find solutions to pressing questions such as:

- What traditional and alternative funding options are now open to academics and companies seeking to translate preclinical cell/gene therapy and tissue-engineered product candidates to Phase IIa and beyond?
- What are the current and future plans/activities of big pharma and big biotech companies in the cell & gene therapy and tissue-engineered product areas?
- How are leading cell/gene therapy and tissue-engineered product companies in Phase III trials navigating the BLA/MAA processes in the United States, and Europe and how are they developing their pricing and reimbursement strategies?
- Induced pluripotent stem cells (iPS cells): What will their long-term benefit be to the cell therapy field, and are they likely to provide commercially viable therapeutic applications?
- How are emerging technologies driving a better understanding of cell therapy Mechanism of Action in both preclinical and clinical development?
- What are the next steps on the path to cell and gene therapy product characterization from both regulator and industry points of view?
- How to minimize Cost of Goods? Build or buy? What are the keys to successfully answering the fundamental cost control questions facing cell and gene therapy process and product developers?
- Building a cell or gene therapy company from the ground up: What fundamental business, clinical, regulatory and operational infrastructure is required, and at what stage should each aspect be developed/introduced?
- What are the keys to achieving commercial viability with both autologous and allogeneic cell therapy business models?

Attend the Cell & Gene Therapy Forum 2010 to hear from and meet 70+ senior speakers, including:

- **Dr Celia M. Witten**, Director, Office of Cellular, Tissue and Gene Therapies, CBER, US FDA
- **Dr Mitchell Gold**, President & CEO, Dendreon Corporation
- **Dr Chuck Wilson**, VP, Global Head of Strategic Alliances, Novartis Institutes for BioMedical Research
- **Dr Christian K. Schneider**, Head of Division of EU Cooperation/Microbiology, Paul-Ehrlich-Institut & Chair, EMEA Committee for Advanced Therapies (CAT)
- **Stephen Potter**, Senior VP, Corporate & Business Development, Genzyme Corporation
- **Dr John McNeish**, Executive Director, Regenerative Medicine, Pfizer, Inc
- **Andrea Hunt**, VP of Cellular Therapies, Baxter Healthcare Corporation
- **Dr Alain Vertès**, Global Alliance Director, Roche Pharma Partnering
- **Dr C. Randal Mills**, President & CEO, Osiris Therapeutics, Inc
- **Stephen M. Kelsey, MD**, Executive VP & CMO, Oncology, Geron Corporation
- **Gil Beyen**, Co-founder & Managing Director (CEO), TiGenix NV
- **Leslie Wolfe, PhD**, VP, Technology Development, Cellular Therapies, Genzyme
- **Dr Brian A. Meltzer**, Senior Director, RedScript Ventures, Johnson & Johnson Corporate Development
- **Dr E. Edward Baetge**, Senior VP & CSO, Novocell

Visit www.phacilitate.co.uk/cgttherapy for the full speaker list.

Email team@phacilitate.co.uk or call +44 (0)20 7839 6137 with any queries, and for more information on how to claim the 10% TERMIS members discount.



SUBSCRIBE TODAY!

Tissue Engineering, Parts A, B, & C - The Official Journal of TERMIS Expanding to 24 issues in 2010!

Members of TERMIS may purchase a print subscription to the journal, Tissue Engineering, Parts A, B, & C, at a discounted membership rate. The Journal is published by Mary Ann Liebert, Inc., publishers, and is the Official Journal of TERMIS (Tissue Engineering and Regenerative Medicine International Society). TERMIS has no affiliation with the journal entitled Tissue Engineering and Regenerative Medicine published by John Wiley & Sons.

For further information on the journal, Tissue Engineering, Parts A, B, & C, and to view information on other journals published by Mary Ann Liebert, Inc. please visit the Tissue Engineering website.

Tissue Engineering, Parts A, B, & C — 2010 Subscription Rates

Tissue Engineering is expanding in 2010 due to the continued increase in the numbers of excellent reviews and methods papers. Part B: Reviews and Part C: Methods will each publish 6 issues per year, in addition to the 12 issues of Tissue Engineering, Part A, for a total of 24 issues. Tissue Engineering (Part A) has traditionally focused on hypothesis-driven scientific reports. The Reviews and Methods journals enable the flagship Tissue Engineering to bring these valuable papers to the readership on a much larger scale. As the Official publication of TERMIS, Mary Ann Liebert, Inc., publishers is pleased to offer Members a special print subscription price to Tissue Engineering, Parts A, B & C to supplement their online access.

Special prices for TERMIS members to upgrade to a PRINT subscription:

Print: \$249.00 US & Canada; \$309.00 outside US
(Online Journal content is included with membership and available through TERMIS website)

Tissue Engineering, Part A
Co-Editors: Antonios G. Mikos and Peter C. Johnson

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