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

Sarah Wilburn  
TERMIS Administrator

### Letter from the Editor

I recently learned from several newspaper and magazine articles that regenerative medicine has become again one of the most quickly advancing and most promising fields in the Life Sciences. At the moment, not a single day passes without new information from academia and industry hitting the news and headlines all over the world. The different meetings organized by the three chapters of our society, as well as, the one's which have been endorsed by the TERMIS Endorsement Committee, reflect this trend, too. Each of these meetings has set itself the goal of presenting groundbreaking projects and highlighting new scientific fields in regenerative medicine. The most advanced research and state-of-the-art technologies are outlined in the plenary and key note lectures at these conferences, which provide a forum for discussion and debate among specialists from all over the world. I hope that you attended the meetings of the North American and European Chapters and/or that you will attend the Asian Pacific Chapter meeting in December in Tokyo. I am sure these meetings of the minds will lead to new collaborations and scientific advances.

Sincerely,  
Dietmar W. Hutmacher, PhD, MBA  
*interLink* Editor

## TERMIS-AP News

**Hai Bang Lee, PhD - Continental Chair****Solicitation of proposals for the 2011 TERMIS-AP Chapter Meeting**

The TERMIS-AP Chapter Council would like to announce the solicitation of proposals for hosting the 2011 TERMIS-AP Chapter meeting. If you are interested in hosting the 2011 TERMIS-AP Chapter meeting, please submit your request to Sarah Wilburn at [swilburn@termis.org](mailto:swilburn@termis.org). You will be provided with a meeting host form that asks detailed questions about the meeting organizers, location/venue, program, and meeting financials. When proposals are submitted, they are reviewed by the respective chapter council and an official vote is conducted. [24HClick here](#) to view details about hosting a TERMIS meeting.

**The deadline for submitting proposals is November 15, 2007.**

**TERMIS-AP 2007 Tokyo Meeting**

The organizers of the 2007 TERMIS-AP meeting in Tokyo would like to announce the confirmed list of invited speakers:

Ian Wilmut  
(Roslin Institute, England)

Yi Lin Cao  
(Shanghai Second Medical University, People's Republic of China)

Jeffrey A. Hubbell  
(Ecole Polytechnique Fédérale de Lausanne, Switzerland)

Dietmar W. Hutmacher  
(National University of Singapore, Singapore)

Hai Bang Lee  
(Korea Research Institute of Chemical Technology, Republic of Korea)

Norio Nakatsuji  
(Institute for Frontier Medical Sciences Kyoto University, Japan)

Shinichi Nishikawa  
(RIKEN Center for Developmental Biology, Japan)

Wolfram-Hubertus Zimmermann  
(University Hospital Hamburg-Eppendorf, Germany)

**REGISTRATIONS**

Registrations for the meeting will be accepted until October 26, 2007.

Please complete your registration by logging-in to your Personal Page. If you have not yet registered your personal information, please first complete the required items on ID Application page in order to acquire your ID and Password.

Major credit cards are accepted. Upon receipt of your online registration information, a confirmation will be faxed or e-mailed to you after your payments is confirmed.

**Please bring this confirmation slip with you and present it to the Registration Desk**

**HOTEL RESERVATIONS**

Please complete your reservation by logging-in to your Personal Page. \*If you have not yet registered your personal information, please first complete the required items on the ID Application page in order to acquire your ID and Password.

Major credit cards are accepted. In order to make your hotel reservation, a full deposit will be necessary.

A number of hotels are available for you to choose from. A complete list of instructions on hotel reservation procedure is available at

<https://www.crs-pac.net/registrye/registrye.asp?wci=procedure&mode=2>

#### CONFIRMATION

(Please note that reservations will also be closed when all the accommodations have become full.)

#### CONTACT HOTEL RESERVATIONS

JTB Business World Tokyo Corp., Toranomon Overseas  
Travel Office  
TERMIS-AP 2007 Desk

Your reservation confirmation will be sent to you either by fax or e-mail after receiving your on-line reservation information and verifying your payment of deposit. **Please bring this confirmation slip with you and present it to the reception desk upon checking-in.**

The deadline for Reservations on this site is  
**Noon 12:00 of November 16, 2007, Japan Standard Time (GMT+9)**

#### TERMIS-EU News

**Ivan Martin, PhD – Continental Chair**

**The TERMIS-EU Council would like to announce the solicitation of proposals to host the TERMIS-EU 2011 Chapter Meeting and the 2012 World Congress that will be held in Europe.**

If you are interested in hosting the 2011 TERMIS-EU Chapter meeting or 2012 World Congress, please submit your request to Sarah Wilburn at [22Hswilburn@termis.org](mailto:22Hswilburn@termis.org). You will be provided with a meeting host form that asks detailed questions about the meeting organizers, location/venue, program, and meeting financials. When proposals are submitted, they are reviewed by the respective chapter council and an official vote is conducted. [23HClick here](#) to view details about hosting a TERMIS meeting.

**The deadline to submit your proposals to host the 2011 TERMIS-EU Chapter Meeting or the 2012 World Congress is 2 November 2007.**

### TERMIS-EU SYIS Challenging Events: London Meeting

The Tissue Engineering & Regenerative Medicine International Society - Student and Young Investigator Section (TERMIS-EU SYIS) was pleased to organize several events at the Annual EU Meeting (London, UK) held in September 2007. The series of activities organized in the conference envisioned at motivating young researchers through networking and interaction with other students as well as with experts in the field.

SYIS activities aimed to foster professional development by covering different topics from education to research and industry. To enhance the professional opportunities for the conference participants, the TERMIS-EU SYIS promoted the following events:

- Project Proposal Competition for Students and Young Investigators,
- Student Mentor Happy Hour (Sponsored by RegenTec),
- Scientific Session Co-chairs,
- Outstanding Student Contribution Awards (Sponsored by FEI),
- TERMIS-EU Meeting Career Center,
- SYIS Pub Walk.

New synergies and future collaborations were established to improve the future actions of this young section of TERMIS-EU. The success achieved was only possible due to the participation of highly motivated students and young investigators, and to the kind contribution of sponsors.

To take advantage of future opportunities, TERMIS-EU SYIS invites you to visit [our webpage](#) or to contact any of the SYIS representatives.

### Sponsors of the SYIS-EU Activities at the TERMIS-EU London Meeting



## TERMIS-NA News

Anthony Atala, MD – Continental Chair

**Remembering Dr. Eugene Bell, Creator of Skin Cells for Grafting**

In June 2007, the regenerative medicine community lost a pioneer in the regenerative medicine field. Dr. Eugene Bell of Massachusetts is known in the scientific community for helping to develop the technique to grow human skin for grafting onto wounds. Dr. Bell was 88 years old. He was a biologist and researcher at the Massachusetts Institute for Technology. Dr. Bell began working at MIT in 1956 and became a professor of biology in 1967. It was in the 1970s that he conducted the first experiments with skin cells to regenerate tissue for patients with severe burns and wound injuries. Dr. Bell wrote about his research in an article of the journal *Science* in 1981.

Dr. Bell helped to form two companies, one of them being Organogenesis, in Massachusetts. Organogenesis is the leading regenerative medicine company being the forerunner in the creation of replacement skin and various other wound healing products.

The initial article on Dr. Eugene Bell was published in the New York Times, written by Jeremy Pearce.

**New SYIS-NA Chair Elected**

Dear SYIS-NA Members,

My time as SYIS-NA Chair is drawing to a close. In a few months, I will be moving on to begin my career within the industry sector. I would like to thank everyone for their assistance in the development of the SYIS-NA over the past two years. It has been an honor to work with such a talented group individuals.

Julie Steen, from Wake Forest University, will assume the position of the SYIS-NA Chair. Julie received her B.S. in Biomedical Engineering from North Carolina State University where she graduated with honors. She is currently a Ph.D. candidate in the Department of Biomedical Engineering at Wake Forest University. A member of Dr. Anthony Atala's laboratory, her research interests include the use of decellularized scaffolds for meniscus tissue engineering.

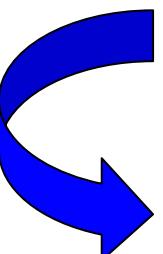
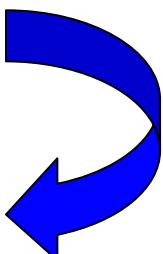
I would like to say thank you to everyone for the opportunity to serve as your SYIS-NA Chair and welcome Julie.

Sincerely,  
Tiffany Sellaro

**SYIS Program in Toronto a Resounding Success**

TERMIS SYIS-NA hosted a full slate of events geared toward students and young investigators this past June in Toronto. Our program included the very popular student-meet-mentor breakfast and a professional development workshop hosted by Dr. Scott Bruder of Johnson & Johnson. Dozens of students also ventured into Toronto's Discovery District to tour research labs in hospitals, the MaRS complex and the University of Toronto. These events in addition to two poster competitions, social receptions, and a visit to the Royal Ontario Museum all added up to a memorable congress.

The SYIS executive would like to thank the 35 student volunteers who kept the program running smoothly, the Program Chairs for their constant encouragement, and our sponsors; TERMIS, ARTEC, and NIH, for their generous financial support.

 Upcoming TERMIS Conferences 

Visit [www.termis.org](http://www.termis.org) for further information.

**2007****December 2007**

TERMIS-Asia-Pacific: Tokyo, Japan  
Akasaka Prince Hotel  
Meeting Chair: Prof. Kazuo Tsubota  
December 3-5, 2007  
<http://www.pac.ne.jp/termis2007/>

**2008****June 2008**

TERMIS-Europe: Porto, Portugal  
Porto Congress Center – Alfândega  
Meeting Chair: Rui Reis  
23-26 June 2008  
[www.termis.org/eu2008](http://www.termis.org/eu2008)

**November 2008**

TERMIS-Asia-Pacific: Chinese, Taipei  
Taipei International Convention Center  
Meeting Chair: Prof. Ging-Ho Hsue  
November 7-8, 2008

**December 2008**

TERMIS-North America: San Diego, California  
Hyatt Regency La Jolla  
Meeting Chairs:  
Bill Tawil, Bob Sah and Anthony Ratcliffe  
December 6-10, 2008

**2009****World Congress 2009**

Daejon, South Korea  
Meeting Chair: Shin Yong Moon  
August 31 – September 3, 2009

Organizing and Registration Office for 2nd TERMIS WC DAEJON will be officially opening on August 1, 1007  
as below address:

The Institute of Reproductive Medicine and Population,  
Medical Research Center, Seoul National University  
199-1 Dongsoong-Dong, Chongno-Gu, College of Medicine, Annex Building,  
Seoul 110-510, Korea  
[gskhang@chonbuk.ac.kr](mailto:gskhang@chonbuk.ac.kr)



### 2008 *Tissue Engineering* Subscription Rates

Please note that in 2008 we will publish *Tissue Engineering* Part A (monthly), *Tissue Engineering* Part B -- Reviews (Quarterly), and *Tissue Engineering* Part C- Methods (Quarterly).

Listed below are the new 2008 discounted prices and the various options your members can select from.

*Tissue Engineering* (Part A) -12 monthly issues Print: \$93.00 US; \$140.00 Outside US Online Access: FREE

*Tissue Engineering* (part A, 12 issues) (part B-Reviews, 4 issues) (part C-Methods, 4 issues) Print: \$113 US; \$160 Outside US Online Access: FREE

*Tissue Engineering* (part B-Reviews) only is \$50 for print and the online version is free.

*Tissue Engineering* (part C-Methods) only is \$50 for print and the online version is free.

Special package that will include *Tissue Engineering* part A, part B, part C, as well as Cloning and Stem Cells, Stem Cells and Development and Rejuvenation Research will be: Online Only: \$350.00

### Free Online Access to *Tissue Engineering*

The online version of the journal, *Tissue Engineering*, the official journal of TERMIS, is now available for free to members only. The online journal can be accessed 24 hours a day, 7 days a week by logging on to the online journal website, <http://www.termis.org/journal.php>.

All members of TERMIS have been issued a username and password to access the online version of the journal. If you are experiencing problems logging on to view the online journal or have any questions, please contact Sarah Wilburn either by email at [swilburn@termis.org](mailto:swilburn@termis.org) or by phone at +1 (410) 931-7838.

### Encourage Your Institution to Subscribe to the journal, *Tissue Engineering*

If your institution does not currently subscribe to the journal, *Tissue Engineering*, we ask that you please complete the library recommendation form and fax to your institution's librarian encouraging them to subscribe to the journal today. (A copy of the librarian recommendation form can be found at <http://www.termis.org/docs/libraryRecommendForm.doc>) Your institution's library can benefit in subscribing to *Tissue Engineering* by providing a publications outlet for yourself and other colleagues within the field of tissue engineering keeping you up-to-date with the latest papers and research. The journal now offers an online version, which offers convenience and ease of accessibility.

Please take a moment to complete the form and fax to your librarian today!

**September 2007**

- [ICRS 2007](#)  
Conference dates: September 29-October 2, 2007  
Location: Warsaw, Poland

**October 2007**

- [3rd World Congress on Regenerative Medicine](#)  
Conference Dates: October 17-19, 2007  
Location: Leipzig, Germany  
Themes: Translation of Regenerative  
Technologies and Personalized Regenerative  
Medicine



**November 2007**

- [5th Annual Commercial Translation for Regenerative Medicine](#)  
Conference Dates: 15th and 16th November 2007  
Meeting Chair: Chris Mason, Professor Regenerative Medicine Bioprocessing Group,  
Department of Biochemical Engineering, University College London  
For further information, please contact:  
Julia Murphrey, Conference Producer, marcus evans Prague  
Tel: +420 234 702 320  
Email: juliam@marcusevanscz.com  
[AgendaRegenMed.pdf](#)

**December 2007**

- [2nd International Conference on Mechanics of Biomaterials & Tissues](#)  
Conference Dates: December 9-13, 2007  
Location: Lihue - Kau'i, Hawaii  
Organizers: Elsevier in association with Engineering Fracture Mechanics and International  
Journal of Fatigue  
Call for Papers Abstract Deadline: April 27, 2007
- [International Conference on Cellular and Molecular Bioengineering](#)  
Conference date: December 10-12, 2007  
Location: Singapore  
Organized by the Nanyang Technological University
- [FDA Public Workshop on In Vitro Analyses of Cell/Scaffold Products](#)  
Date and Time:  
December 6, 2007 from 8:30am-5:00pm  
December 7, 2007 from 8:30am-4:00pm  
Location: National Transportation and Safety Board (NTSB), 490 L'Enfant Plaza East, SW  
Washington, DC 20594

**February 2008**

- [Biologic Scaffolds for Regenerative Medicine: Fifth Symposium](#)  
Conference Dates: February 15th and 16th, 2008  
Conference Location: Pointe Hilton Tapatio Cliffs Resort, Phoenix, AZ  
Deadline for Abstracts: October 15, 2007  
For additional information or questions, please email: [biologics\\_symposium@upmc.edu](mailto:biologics_symposium@upmc.edu)  
[Call for Abstracts](#)

**March 2008**

- [Hilton Head Workshop](#)  
Conference Dates: March 12-16, 2008  
Conference Location: Hilton Head Island, South Carolina
- [PharmaMedDevice 2008](#)  
Conference Dates: March 26-28, 2008  
Conference Location: Philadelphia, Pennsylvania

**May 2008**

- [8th World Biomaterials Congress](#)  
Meeting Dates: May 28 through June 1  
Conference Location: RAI Conference Centre in  
Amsterdam, The Netherlands.  
Please contact [info.wbc2008@ics-online.nl](mailto:info.wbc2008@ics-online.nl) for  
further details.



**Recommended Journal**[Bioengineering the Heart](#)**Bioengineering the heart****Organised and edited by Sir Magdi Yacoub and Robert Nerem****Published August 2007****Special offer price: £47.50/US\$90 (usual price: £59.50/US\$110)**

Cardiovascular disease continues to be a major cause of death and suffering in the developed and developing countries. Damage to essential components of the heart muscle, valves or vessels supplying the heart is responsible for a major part of this disease load. This can only be treated by replacement using mechanical or biological substitutes including transplantation. The marked shortage of donor organs and the fact that mechanical substitutes are no match for living heart components necessitates the search for new strategies.

Tissue engineering the heart or some of its components is a growing branch of science and medicine stimulated by the massive clinical need, commercial interest and scientific

curiosity. Achieving such an ambitious goal requires coordinated efforts of clinicians, biologists, chemists, physicists and engineers, coupled with imaginative thinking. In this issue of *Philosophical Transactions B*, contributions from a group of experts representing the above specialists as well as developmental biologists to describe how the heart was formed in the foetus and how it can be tissue engineered. This issue should be useful to a very wide audience.

Subscribers to *Philosophical Transactions of the Royal Society B: Biological Sciences* can access the full content online at: [publishing.royalsoc.ac.uk/tissue-engineering](http://publishing.royalsoc.ac.uk/tissue-engineering)

Non-subscribers can purchase the print issue at the specially reduced price shown above.

To place an order at the discounted price, please send payment by cheque (made payable to Portland Customer Services) or by Visa or MasterCard (quoting reference **TB 1484**) to:

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