

InterLink

Linking the international community of TERMIS



Special points of interest:

- Letter from the President
- 2012 FTERM Recipients
- 2012 TERMIS World Congress Overview
- *Tissue Engineering*, Young Investigator Council
- Restored—Full Online Access to *Tissue Engineering*

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Letter from the President

Dear TERMIS members,

I want to express a note of sincere appreciation and thanks to Dr. Heinz Redl for chairing the 2012 World Congress which was held in Vienna, September 5 – 8, 2012. By any measure, this meeting was a tremendous success. The venue was exceptional, the weather perfect, record attendance of more than 2,000 participants, and a science program that was representative of the tremendous progress made in our field highlighting the full range of basic science to clinical translation. The vitality of our Society was evident throughout the meeting and the bar has been raised to a new level for future meetings.

I provided an overview to TERMIS membership during the opening ceremonies regarding some metrics and accomplishments for the Society. For those of you could not join us in Vienna, a brief summary is provided below.

- The Asian-Pacific chapter has ratified their charter and has a solid foundation for moving forward within TERMIS. A special thanks to Dr. Wei Liu for chairing the President's Committee and leading this effort.
- Three thematic groups have been established within TERMIS and include the following: Bioreactor Technologies, Biofabrication, and Musculoskeletal.
- TERMIS finances are on solid ground with a balance of approximately \$220,000 (estimated total following the Vienna meeting).
- The Oral and Maxillofacial Tissue Engineering Society of North America has now integrated with TERMIS and will become a thematic group. In similar fashion, the International Veterinary Regenerative Medicine Society (IVRMS) is in the final stages of integration with TERMIS. We welcome both groups with open arms.
- A renewed and extended partnership with the official journal of TERMIS, *Tissue Engineering* (Parts A, B and C), has been established. The journal is now accessible in over 1,700 libraries and 30 countries around the world. Three new councils have been formed as collaborative effort between TERMIS and *Tissue Engineering*: an Industry Council, a Clinical Council, and Young Investigator Council.
- Finally, 23 founding members of the International Fellows of Tissue Engineering and Regenerative Medicine (FTERM) were elected. This group will provide leadership and vision for the Society and help establish mid and long range goals for TERMIS

Since the World Congress, we have continued to strengthen our relationship with Mary Ann Liebert, Inc., publishers of *Tissue Engineering* and I am pleased to inform you that access to all issues of *Tissue Engineering* by Society members has been restored. More details will follow in future communications.

In summary, your Society is healthy. The membership in the Society now approaches 4,500 members, showing a robust growth rate and a vibrant student component (approximately 25% of the Society membership). Although all of the above facts suggest a bright future for TERMIS, I would caution that we not take our success lightly nor rest on our laurels. It takes constant diligence and a solid leadership to sustain this Society. I urge you to take the upcoming elections very seriously and to vote for leadership that will continue to keep TERMIS among the foremost scientific and medical research societies in the world.

Sincerely,

Stephen Badylak
TERMIS President

Letter from the Editor

Dear TERMIS members,

For those of us who attended the 3rd TERMIS World Congress, we had the opportunity to witness the exhilaration and productivity of the tissue engineering/regenerative medicine field. Research teams are very creative and research tools have become increasingly powerful, hence progress continues to accelerate almost on a monthly basis. Yet, these are stressful times for many of us, too, for the reason that competition for grant support, jobs, and publishing in the most prestigious journals is also accelerating. Hence, I initiated a panel discussion on the topic of "the future of publishing in the tissue engineering & regenerative medicine space" at the World Congress in Vienna. The discussion was attended by a large audience, which quizzed the panel with a number of questions. The panel did a great job providing very informative answers. Due to the overwhelming response, a draft of a white paper, under my mentorship, will be comprised and will be posted on the TERMIS web portal next month.

Sincerely,



Professor Dietmar W. Hutmacher

PhD (NUS), MBA

(Henley)

Restored: Online
access to *Tissue
Engineering archives*

Journal *Tissue Engineering*, Parts A, B and C

In partnership with Mary Ann Liebert, Inc., publishers, we are pleased to announce that all TERMIS members now have access to the **entire** journal archive of our official journal, *Tissue Engineering*. Stay tuned for further details.

Upcoming TERMIS Conferences



2013 TERMIS-EU: Istanbul, Turkey

Conference Dates: June 12-15, 2013

Conference Chair: Erhan Pişkin, PhD



2013 TERMIS-AP: Shanghai, P. R. China

Conference Dates: October 23-26, 2013

Conference Chair: Yilin Cao, MD, PhD



2013 TERMIS-AM: Atlanta, GA

Conference Date: November 10-13, 2013

Conference Chair: Robert E. Guldberg, PhD

International Fellows of Tissue Engineering & Regenerative Medicine (FTERM)

The FTERM honorary status is a mechanism for recognition of individuals that have made outstanding contributions to the field of TERM, with outputs of clear professional excellence. All Fellows must have a proven record of excellence and a non-arguable international recognition status in the TERM arena. Fellows will be recognized every three years at the TERMIS World Congress.

The founding class of FTERM recipients were recognized at the 2012 World Congress in Vienna.

Anthony Atala
Stephen Badylak
Ranieri Cancedda
Yilin Cao
Jöns Hilborn
Jeffrey Hubbell
Dietmar Hutmacher
Peter Johnson
Gilson Khang
C. James Kirkpatrick

Robert Langer
Hai-Bang Lee
Ivan Martin
Antonios Mikos
David Mooney
Robert Nerem
Teruo Okano
Buddy Ratner
Alan Russell
Yasuhiko Tabata



FTERM recipients that were in Vienna from left to right: Yasuhiko Tabata, Gilson Khang, Jöns Hilborn, Peter Johnson, Robert Nerem, Stephen Badylak, Dietmar Hutmacher, Buddy Ratner, Ranieri Cancedda, David Williams, Antonios Mikos, Ivan Martin, and C. James

FTERM Recipients Not Present in Vienna

These 2012 FTERM recipients were not able to attend the 2012 TERMIS World Congress and were not pictured in the group photo.

From top left: Yilin Cao, Jeffrey Hubbell, Robert Langer, Hai-Bang Lee, David Mooney, Teruo Okano, Alan Russell, Charles Vacanti, and Joseph Vacanti





Medicine of Tomorrow—Available for Patients Today

5 to 8 September 2012: TERMIS World Congress in Austria for the first time – International experts in the field of tissue engineering and regenerative medicine met at the Vienna Hofburg Conference Center – Platform for translational research

The TERMIS World Congress (Tissue Engineering and Regenerative Medicine International Society, Inc.) is regarded as the international communication platform for scientists and researchers as well as practicing physicians and companies working in this field. The so-called translational approach ensures that “research by academics is for practitioners”: For the benefit of patients, the focus is on translating research results expeditiously into practical applications.

2.000 experts from all parts of the world attended the congress in Vienna. All those working in this field used the opportunity to exchange information about the most recent research projects as well as to explore future perspectives.



Dr. Heinz Redl, the 2012 TERMIS World Congress Chair

First Congress in Europe – Vienna is the Congress Venue

“The TERMIS World Congress is held ever three years on a different continent. We are therefore particularly pleased that Vienna is hosting this event which is taking place in Europe for the first time”, said Univ.Prof. Dr. Heinz Redl, Head of “Ludwig Boltzmann Institute for Experimental and Clinical Traumatology” (LBI Trauma) and organizer of the congress.

The TERMIS Congress—A Communication Platform for Many Disciplines

*“Thank you to our hosts
“Austrian Cluster for
Tissue Regeneration”,
“Austrian Workers’
Compensation
Board” (AUVA), “Ludwig
Boltzmann
Gesellschaft” (LBG),
“Tissue Engineering and
Regenerative Medicine
International Society,
Inc.” (TERMIS) and
“EXPERTISSUES
European Institute of
Excellence for Tissue
Engineering and
Regenerative Medicine
EEIG”.*

The hosts of the congress were “Austrian Cluster for Tissue Regeneration”, “Austrian Workers’ Compensation Board” (AUVA), “Ludwig Boltzmann Gesellschaft” (LBG), “Tissue Engineering and Regenerative Medicine International Society, Inc.” (TERMIS) and “EXPERTISSUES European Institute of Excellence for Tissue Engineering and Regenerative Medicine EEIG”.

The diversity of subjects was particularly impressive; the international research elite discussed and explored them at the congress in more than 70 symposia:

- Regenerative medicine and tissue engineering and its many different applications (e.g. ligaments, tendons, bones, muscles, cardiac valves, spinal marrow injuries, etc.)
- Biomaterials
- Cell therapy
- Genetic therapy
- Angiogenesis
- Imaging techniques

- Physical therapies
- Translational approaches
- Cooperation among specialist organizations
- Commercial implications of regenerative medicine and tissue engineering

The main objectives of the congress were to have international exchanges and world wide networking, to promote young researchers, to step up cooperation with the business community and industry as well as – last but not least – to demonstrate the current state of the art in research and the most recent scientific findings to the specific media and public.



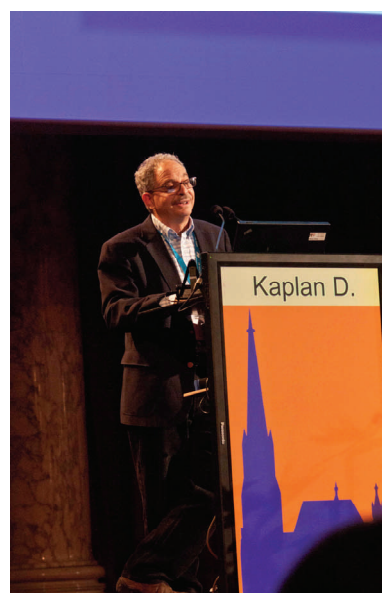
Stephen Badylak, TERMIS President



Rui Reis, TERMIS-EU Chair



David Williams, TERMIS President-Elect



David Kaplan,
Plenary
Speaker



Dietmar Hutmacher, Keynote Speaker



Ivan Martin,
Plenary
Speaker

Shinichi
Nishikawa,
Plenary
Speaker



Christian Noe



SYIS Com-
petition



Clemens van Blitterswijk



Awards Ceremony
at the Austrian
National Library

Tissue Engineering, Young Investigator Council

Dear Colleagues,

We are pleased to announce the members of the very first *Tissue Engineering Young Investigator Council*. Selected from an impressive pool of over 300 qualified candidates, we warmly welcome the following international group of young investigators, consisting of three graduate students and three post-doctoral researchers, to our editorial team.

Our personal thanks goes out to the leadership of the Tissue Engineering and Regenerative Medicine International Society (TERMIS) and the Student and Young Investigator Section (SYIS) of the society for their involvement in selecting the final applicants of the 2012 Council.

2012 Tissue Engineering Young Investigator Council:

Widya Mulyasasmita
Stanford University
USA

Summer Hanson, MD, PhD
University of Wisconsin School of Medicine and Public Health
USA

Silvia Lopa
IRCCS Galeazzi Orthopaedic Institute
Italy

Filippo Rossi, MSc PhD
Politecnico di Milano
Italy

Jangho Kim
Seoul National University
South Korea

Mark Chong, PhD
National University of Singapore
Singapore

This initiative is brought forth to further the professional development of young investigators in the field of tissue engineering and regenerative medicine. We are honored to have these young investigators be a part of our editorial team and support them in their professional growth and development in the field. New council members will be selected each year to join the *Tissue Engineering Young Investigator Council* and we encourage all qualified applicants to apply in the future.

Please join us in congratulating these young investigators on their appointments. We look forward to working with them over the course of the following year.

Sincerely,

Co-Editors-in-Chief: Antonios G. Mikos, PhD and Peter C. Johnson, MD

Reviews Co-Editor-In-Chief (Part B): John P. Fisher, PhD

Methods Co-Editor-In-Chief (Part C): John A. Jansen, DDS, PhD

Upcoming Conferences

June 2012

REMEDI 2012 Conference Dates: 15-17 June 2012 Conference Location: IASI ROMANIA

2012 Stem Cells & Bioprocessing Conference Dates: 27-28 June 2012 Conference Location: London, England TERMIS members will receive a 15% discount off the price of registration if you register by 17th May 2012.

July 2012

MSC 2012 Galway Conference Dates: July 2-3, 2012 Conference Location: Galway, Ireland [Download the flyer](#)

5th Annual Business Education Course: Regenerative Medicine Education Course Location: Case Western Reserve University, Cleveland, OH Education Course Dates: July 16-19, 2012

August 2012

Rice University's Advances in Tissue Engineering Short Course Short Course Dates: August 8-11, 2012 Short Course Location: Rice University BioScience Research Collaborative Short Course Director: Dr. Antonios G. Mikos

2012 ISOMRM 2nd International Symposium of Materials on Regenerative Medicine Symposium Dates: August 29-31, 2012 Taipei, Taiwan, ROC 10% registration discount will be available for TERMIS members

September 2012

2012 3rd TERMIS World Congress: Vienna, Austria Conference Dates: September 5-8, 2012 Conference Location: Hofburg Congress Center in

Vienna, Austria Conference Chair: Heinz Redl, PhD

Stem Cells USA & Regenerative Medicine Congress

Congress Dates: September 20-21, 2012 Congress Location: The Charles Hotel, Boston, MA

International Symposium in Applied Bioimaging: Bridging Development and Application

Symposium Dates: September 20-21, 2012 Symposium Location: Biblioteca Almeida Garrett, Porto, Portugal *The European Science Foundation in the framework of the project REMEDIC will fund 8 Travel Awards (500 €) on a competitive basis to assist graduate students and post-docs to present their work at the symposium.*

October 2012

- OMiCs Group - International Conference on Tissue Science & Engineering Conference Dates: October 1-3, 2012 Conference Location: Double Tree by Hilton, Chicago-North Shore, USA TERMIS members received a reduced registration fee. Visit the website for more details.

TERM STEM 2012 Conference Title: TERM STEM Stem Cells and the Future of Regenerative Medicine: From Basic Research, to Translational Aspects and Upcoming Therapies Conference Dates: October 9-13, 2012 Conference Location: Vila Flor Cultural Centre (CCVF), Guimarães, Portugal

November 2012

2012 ASMB Meeting Meeting Dates: November 11-14, 2012 The 2012 meeting will be held jointly with the Society for Glycobiology.

June 2013

2013 TERMIS-EU: Istanbul, Turkey Conference Dates: June 12-15, 2013 Conference Location: Istanbul, Turkey Conference Chair: Erhan Pişkin, PhD

October 2013

2013 TERMIS-AP: Shanghai, P. R. China Conference Dates: October 23-26, 2013 Conference Location: Shanghai, P.R. China Conference Chair: Yilin Cao, MD, PhD

November 2013

2013 TERMIS-Americas: Atlanta, GA Conference Location: Atlanta, Georgia Conference Dates: November 10-13, 2013 Conference Chair: Robert E. Guldberg, PhD Conference Program Chair: Todd C. McDevitt, PhD

June 2014

2014 TERMIS-EU: Genova, Italy Conference Dates: 10-13 June 2014 Conference Co-Chairs: Ranieri Cancedda, MD and Claudio Migliaresi, PhD

September 2014

2014 TERMIS-AP: Daegu, South Korea Conference Dates: September 17-20, 2014 Conference Location: Daegu Exhibition & Convention Center (EXCO) Conference Chairs: Jin Ho Lee, Ph.D. and Byoung Hyun Min, M.D.

December 2014

2014 TERMIS-AM: Washington, DC Conference Dates: December 2014 Conference Co-Chairs: Jennifer Elisseff, PhD and John Fisher, PhD

September 2015

2015 4th TERMIS World Congress Congress Dates: TBD Congress Location: Boston, MA, USA Congress Co-Chairs: David Kaplan and Kacey Marra

All conferences listed have been reviewed and approved for endorsement by the TERMIS Endorsement Committee.



termis®

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**Linking the international community of
TERMIS.**

Visit us at www.termis.org

To accomplish its mission, TERMIS brings together the international community of persons engaged or interested in the field of tissue engineering and regenerative medicine and promotes education and research within the field of tissue engineering and regenerative medicine through regular meetings, publications and other forms of communication. The Society also serves as an international forum to promote the informed discussion of challenges and therapeutic benefits of the application of tissue engineering and regenerative medicine technologies.

Most importantly, the Society is committed to bringing you closer to key professionals to support your mutual understanding of the field, accelerate your research in the field and to enable you to contribute to the ultimate care of patients in this very important way.

Interested in contributing to the TERMIS Newsletter?
CONTACT SARAH WILBURN