

InterLink

Linking the international community of TERMIS



Special points of interest:

- 2017 TERMIS-AM Proposals Due—July 31st
- 2017 TERMIS-AP Proposals Due—September 5th
- 2014 TERMIS-EU Award Recipients
- 2014 TERMIS-AM Award Recipients

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Letter from the President

Dear TERMIS Members,

As I have noted several times, the most substantial activity of TERMIS is the organization of our conferences. The 2014 series of meetings started in an excellent manner with the EU meeting in Genova, Italy in June. I would like to record my thanks to Ranieri Cancedda and Claudio Migliaresi and their colleagues for hosting a very well-run conference, with an outstanding venue, top-class administration and an excellent scientific program. I urge members of TERMIS to consider attending either or both the AP (Daegu, September) and AM (Washington DC, December) meetings later this year, and of course to put the September 2015 World Congress in Boston into their diary.

We are approaching the situation where we will attract around 1,000 attendees to all three Continental TERMIS meetings, which indicates that we are a powerful, global society. As good as our meetings are, of course, it doesn't mean that we couldn't be better and I would like to invite members to send me any observations and constructive suggestions for improvement. I am very cognizant of the need to preserve cultural traditions in the different regions, and to allow considerable freedom for local organizers to include innovative ideas and practices, but it would be useful to follow best practices as appropriate.

One point comes to mind when I consider recent TERMIS (and other) meetings I have attended, and this relates to session chairs. I do believe that the choice of, and communications with, session chairs is not often given much attention. Chairs are very important for the smooth running of sessions and should provide a very professional approach to their task. I welcome the trend to use two co-chairs for the sessions, with one 'senior' and one 'junior' member, but this is not always a good learning experience for the latter. It often happens that chairs do not arrive, which could be a communications issue. The chairs should determine ahead of time that all speakers are in attendance and are familiar with the arrangements. They should introduce themselves to all speakers and obviously keep the session on schedule. Very importantly, chairs should be ready to initiate discussions on papers – it is very disappointing when there is no immediate question from the audience and the chair simply moves on to the next speaker.

Please let me know if you have any observations about our conferences.

Sincerely,

David Williams
President, TERMIS

Letter from the Editor

Dear TERMIS Members,

Wikipedia defines translational medicine (also referred to as [translational science](#)) as a discipline within biomedical and public health research that aims to improve the health of individuals and the community by “translating” findings into diagnostic tools, medicines, procedures, policies and education.

We, as members of TERMIS, know that translation of tissue engineering and regenerative medicine (TE&RM) concepts using a multi-disciplinary, highly collaborative, “bench-to-bedside” approach is the key factor in the future of global health care. The governments and policy makers from around the world have learned in the past that the science and application into the clinic cannot continue to develop in the absence of a national and international effort, hence we have seen in the last 2-3 years the focus of grant calls for clinically-driven translational research projects that will greatly facilitate the effort and enable the clinicians, engineers and scientist in close collaboration with the biomedical business community in a very effective manner to make a major impact on the health care in the 21st century.

At every Society meeting, I can picture a cinema full of thoughts and ideas developed by our members. Hence, our chapter meetings offer great encouragement to me for the sustainability of the TE&RM field and I am sure for you, too. For example, I did listen and saw a lot of interesting presentations at the TERMIS-EU meeting in Genoa.

On that note, I would like to thank the team of Ranieri Cancedda and Claudio Migliaresi, who did a marvelous job in organizing a memorable meeting in Genoa this year. I am sure the TERMIS Asia Pacific and TERMIS Americas meetings will be equally successful.

Yours sincerely,



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

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, Parts A, B and C*.

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https://www.termis.org/journal_login.php

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If your institution does not currently subscribe to the journal, *Tissue Engineering, Parts A, B, & C*, we ask that you please complete the library recommendation form to encourage your institution's librarian to subscribe to the journal today.

[Library Recommendation Form](#)

**Tissue
Engineering**
Parts A, B, and C
Mary Ann Liebert, Inc.  publishers

TERMIS-AM: Solicitation of Proposals

The TERMIS-AM Council and TERMIS-AM Meetings Committee would like to announce the solicitation of proposals to host the 2017 TERMIS-AM Chapter Conference.

If you are interested in hosting the 2017 TERMIS-AM conference, please submit your request to Sarah Wilburn at 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 and selected by the TERMIS-AM Meetings Committee and approved by the TERMIS-AM Council.

The deadline for submitting proposals for the 2017 TERMIS-AM conference is Thursday, July 31, 2014.

Interested in hosting the 2017 TERMIS-AM or 2017 TERMIS-AP Conference, please contact the TERMIS Administrator at swilburn@termis.org to request a TERMIS conference hosting application.

TERMIS-AP: Solicitation of Proposals

Solicitation of proposals to host the 2017 TERMIS-AP Chapter Conference

The TERMIS-AP Council would like to announce the solicitation of proposals to host the 2017 TERMIS-AP Chapter Conference.

If you are interested in hosting the 2017 TERMIS-AP conference, please submit your request to Sarah Wilburn at 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 and selected by the TERMIS-AP Council.

The deadline for submitting proposals for the 2017 TERMIS-AP conference is Friday, September 5, 2014.

Did you treat patients with cellular or tissue engineered therapies in 2013?

Cellular and Engineered Tissue Therapies Survey

Have you treated patients in 2013 with cellular or engineered tissue therapies (i.e., any clinical treatment based on living cells excluding DLI, donor lymphocyte infusions, and hematopoietic stem cells for hematological reconstitution)?

If so please complete the simple survey form ([pdf](#) or [excel](#) format) and send it to Helen Baldomero as soon as possible by E mail: Helen.baldomero@usb.ch or by fax: + 41 61 265 2735 and help bring an effective impact on the scientific, clinical and regulatory aspects of the quickly evolving sector of cellular and engineered tissue therapy.

Background to the survey

In 2008, 5 societies joined forces to establish a survey on "novel cellular therapies":

- the Tissue Engineering & Regenerative Medicine Society, European Chapter ([TERMIS-EU](#)),
- the International Society of Cellular Therapy, European Section ([ISCT-Europe](#)),
- the International Cartilage Repair Society, European Section ([ICRS](#)),
- the European group for Blood and Marrow Transplantation ([EBMT](#)) and the European League Against Rheumatism ([EULAR](#)).

The survey is designed to establish a comprehensive, quantitative map of patients being treated in Europe with cellular and engineered tissue therapies and also integrates the original EBMT activity survey capturing hematopoietic stem cells transplants in Europe. The report includes the number of treated patients, without any reference to their clinical outcome, information on specific cells types, processes and delivery modes in use.

A yearly publication presents the data, summarizes the trends and lists in the appendix the names of the participating teams. Cellular & Engineered Tissue Therapies in Europe 2008 – [2011](#)

If you know of any team that is performing such therapies please forward this webpage to them and encourage them to participate.

Need help to complete the form?

[The guidelines for reporting data \(updated\)](#) indicate what information is needed in each part of the form. Please read them carefully before completing the survey.

If you want to submit the form electronically, please save the file to your desktop and remember to save it again after completing the data fields. It will help us if you name the file NCT Survey 2013 and then add the name of your institution at the end of the file name. Attach the form to an email and send it to helen.baldomero@usb.ch

Thank you for contributing to the success of this program and to a more transparent development of the field!



2014 TERMIS-EU Award Recipients

Career Achievement Award—C. James Kirkpatrick



C. James Kirkpatrick has a triple doctorate in science and medicine (MD, PhD, DSc) from the Queen's University of Belfast (N. Ireland) and since 1993 is Professor and Chairman of Pathology at the Johannes Gutenberg University (JGU) in Mainz, Germany. He has a special interest in human cell culture techniques to study cell-biomaterial interactions, and has pioneered complex three-dimensional co-culture systems. His "REPAIR-lab", is a member of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine. He is a former President of both the German and the European Society for Biomaterials (George Winter Award 2008), and in 2010 he was awarded the Chapman Medal from the Institute of Materials, Minerals & Mining, London, UK for "distinguished research in the field of biomedical materials". Current work is on nanoparticle interactions with the air-blood and blood-brain barriers, as well as on adult stem cells in vascularization of tissue engineered constructs for hard and soft tissue, and in regeneration of the upper respiratory tract.

Young Investigator Award—Katja Schenke-Layland

Katja Schenke-Layland received her master of science (M.Sc.) in biology, psychology and sociology in 2001, and her doctorate degree (Dr.rer.nat.) in biology with focus on cardiovascular tissue engineering in 2004 from the Friedrich Schiller University Jena, Germany. She worked at the Saban Research Institute Los Angeles, USA, and joined in 2005 the cardiovascular stem cell lab at the University of California in Los Angeles (UCLA). She currently holds a dual appointment as Professor of Biomaterials at the University Women's Hospital Tübingen, and as the Head of the Department of Cell and Tissue Engineering at the Fraunhofer Institute for Interfacial Engineering and Biotechnology (Fraunhofer IGB) in Stuttgart, both in Germany. She is also an Adjunct Associate Professor at UCLA and an Executive Editor for Advanced Drug Delivery Reviews. Her research focuses on the development of stem cell-based therapies, and the creation and monitoring of 3D tissues, particularly in the field of cardiovascular regenerative therapies. Katja Schenke-Layland has published 73 articles, 23 as first and 27 as senior author, with an h-index of 23 and over 1600 total citations.



2014 TERMIS-AM Award Recipients

On behalf of the TERMIS-AM Council & the Awards Committee, we would like to present the winners of the 2014 TERMIS-AM Awards. The recipients will be presented their awards at the upcoming 2014 TERMIS-AM conference in Washington, DC in December.



Lifetime Achievement Award:
Anthony Atala



Senior Scientist Award:
Molly Shoichet



Young Investigator Award:
Warren Grayson



Educational Award:
Bryan Brown



Mary Ann Liebert Inc. Outstanding Student Award:
Laura Bracaglia

Tissue Engineering and Regenerative Medicine International Society
Asia-Pacific Annual Conference 2014

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TERMIS-AP2014

"Transformation for Future Healthcare"

September 24 - 27, 2014 | Daegu, Korea

Look into Notable Speakers

"Modular hydrogels for spatiotemporal control of cell function"



Prof. Eben Alsberg (USA)
Case Western Reserve University

- ❖ Session: Biomaterials - Biosignal engineering
- ❖ Date: September 25 (Thu), 12:50~14:20

"Stem cell differentiation control with biomaterials"



Prof. Byung-Soo Kim (Korea)
Seoul National University

- ❖ Session: Biomaterials for stem cell differentiation
- ❖ Date: September 25 (Thu), 14:40~16:10

Late-breaking Abstract Submission

until July 31 (Thu), 2014

Go to Online Registration

until August 31 (Sun), 2014

TERMIS-AP 2014 Secretariat

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Fax +82-53-742-9007

Email info@termis-ap2014.org

Website <http://www.termis.org/ap2014>



Visit the conference website for more information
on the Notable Speakers & Registration

termis.org/ap2014



“RESTORING LIVES THROUGH REGENERATIVE MEDICINE”

Registration OPENS!
July 29, 2014

Late Breaking Poster Abstract Submission Deadline:
August 8th

Featured Keynote Speakers

Immunoengineering for Biomedical Applications

Darrell Irvine, PhD, Massachusetts Institute of Technology

Role of Cell-Substrate Interactions in Direct Cellular Reprogramming

Kam Leong, PhD, Duke University

Oxygen Supply and Demand in Regenerative Medicine

Gregg Semenza, MD, PhD, Johns Hopkins University

History and Future of Transplant and Tissue Engineering

W.P. Andrew Lee, MD, Johns Hopkins University and
Joseph P. Vacanti, MD, Massachusetts General Hospital

Latest Developments

- [Business Plan Competition](#)—Abstracts due August 15th
- **Pre-Conference Workshops**—Saturday, December 13th
 - [Alliance for Regenerative Medicine’s Workshop on Commercialization Strategies for Tissue Engineering Products](#)
 - [Restoring Lives and Functions for the Wounded Warriors Workshop](#)
 - [The Long and Winding Road to a Regenerative Medicine Therapy Workshop](#)
 - [Women in TERM Luncheon— “Avoiding Traps”](#)
- [TERMIS-AM Industry Committee / FDA One-Day Event](#)—Sunday, December 14th

www.termis.org/am2014

Mark Your Calendars! 2015 TERMIS World Congress

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2015 4th TERMIS WORLD CONGRESS

September 8-11, 2015 • Boston, MA, USA

PAST, PRESENT,
FUTURE
*The Evolution of
Regenerative Medicine*

Congress Co-Chairs:
David Kaplan, PhD
Kacey Marra, PhD



www.termis.org

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

Upcoming Conferences

August 2014

Advances in Tissue Engineering Short Course

Short Course Dates: August 13-16, 2014 Short Course Location: Rice University BioScience Research Collaborative

September 2014

FIRM Symposium 2014

Symposium Dates: 8th–11th September Hotel Cap Roig, Spain

IBC's 4th Annual Cell Therapy Bioprocessing

Conference Dates: September 15-16, 2014 Conference Location: Sheraton Pentagon City, Arlington, VA
TERMIS members received a 20% discount (new registrants only)

E-MRS Fall Meeting

Conference Dates: September 15-19, 2014 Conference Location: Warsaw University of Technology, Poland

2014 TERMIS-AP: Daegu, South Korea

Conference Dates: September 24-27, 2014 Conference Location: Daegu Exhibition & Convention Center (EXCO) Conference Chairs: Jin Ho Lee, Ph.D. and Byoung Hyun Min, M.D. Conference Program Chair: Grace J. Lim, Ph.D.

3rd International Conference on Tissue Science & Regenerative Medicine

Conference Dates: September 24-26, 2014 Conference Location: Valencia, Spain
40% discount is provided for Students (Graduates/PhD) and 30% discount for Academic and Business delegates

October 2014

New Frontiers in Regenerative Medicine Symposium

Symposium Dates: 16th & 17th October, 2014 Symposium Location: Radboud Auditorium, Geert Groteplein 15, Nijmegen Symposium Organizers: John Jansen, Wouter Feitz, Roos Masereeuw, Willeke Daamen, Sander Leeuwenburgh & Adrian Cohen

Biointerface 2014

Conference Dates: October 6-8, 2014 Conference Location: Redwood City, CA
TERMIS members receive a reduced registration rate!

December 2014

2014 TERMIS-AM: Washington, DC

Conference Dates: December 13-16, 2014 Conference Chair: John Fisher, PhD Conference Program Chair: Jennifer Elisseeff, PhD

September 2015

2015 4th TERMIS World Congress

Congress Dates: September 8-11, 2015 Congress Location: Boston, MA, USA Congress Co-Chairs: David Kaplan, PhD and Kacey Marra, PhD

June 2016

2016 TERMIS-EU Conference

Conference Dates: 28 June - 1 July 2016 Conference Location: Uppsala University, Uppsala, Sweden Conference Chair: Prof. Jöns Hilborn

September 2016

2016 TERMIS-AP Conference

Conference Dates: September 3-7, 2016 Conference Location: Tamsui Town of New Taipei City Conference Chairs: Shih-Chieh Hung and Ming-Thau Sheu

December 2016

2016 TERMIS-AM Conference

Conference Dates: December 2016 Conference Location: San Diego, CA Conference Chairs: Anthony Ratcliffe, PhD; Robert Sah, PhD; and Bill Tawil, PhD

June 2017

2017 TERMIS-EU Conference

Conference Dates: June 2017 Conference Location: Davos, Switzerland Conference Chair: R. Geoff Richards, PhD Conference Program Chair: Mauro Alini, PhD



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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