

InterLink

Linking the international community of TERMIS



Special points of interest:

- FTERM—Women Recipients
- Welcome IVRMS Members
- Solicitation of Proposals for 2016 Chapter Conferences

Inside this issue:

Letter from the President	1	It is a challenging time to take over as President of a young, global society, especially one that is concerned with the translation of groundbreaking scientific research into successful clinical therapies. The world is still in financial turmoil, political tensions exist all around us, and many people are sceptical about what may be seen as yet unfulfilled promises in medical technologies, particularly those that involve stem cells.
Letter from the Editor	2	However, it is often during challenging times, when resolutions harden and the use of resources has to be optimized, that profound advances are made. We, in the scientific and clinical communities that underpin regenerative medicine, do have a major opportunity to make progress and bring new therapies to the public. TERMIS has an ever-increasing role to play here. Three years ago, in my personal statement sent to members who were to take part in the election of the next President, I made it clear that my platform was one of globalization. This remains as a very important priority, since we should be engaged in promoting the scientifically-based, ethical delivery of tissue engineering and regenerative medicine therapies around the world.
Tissue Engineering, Parts A, B and C	2	TERMIS has so far been largely concerned with the organization of conferences, within the three chapters and as world congresses. This has been the correct strategy whilst the society was growing. I believe that the time is now right, however, for us to broaden our horizons, such that we can help shape the growing field of regenerative medicine through interactions with national and global policy makers. We need to keep growing so that TERMIS is truly representative of all contributing sciences and clinical disciplines; we will continue with the strategy of incorporating societies and groups that have the same objectives as TERMIS but on a smaller or more regional basis, and we will encourage the formation of further Thematic Groups. I also want to make sure that we do really reach out to, and serve, all members, not only in the major research hubs but also in lesser and more remote places where regenerative medicine research is being carried out. I hope that I can work with a large number of you during my term of office in order to extend global success in this immensely important area in which we are involved.
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Letter from the Editor

Dear TERMIS Members,

During my most recent visit to several German universities, I became quite aware that Germany was successful with the so-called "Excellence Initiative", which started in 2007. The major objective of this initiative is to make the turn around from the 1990's and 2000's in which the German universities allowed the pursuit of adequacy to replace the ethics of excellence. There are a lot of qualities involved in such an ambitious agenda. One of the most important and often neglected is the simple notion not only to define, but also communicate that the pursuit of excellence is the duty to do one's absolute best, all the time in everything. Successful people know that the most reliable and rapid way up the ladder of excellence is performance – consistent and outstanding performance. I would like to draw a parallel between TERMIS and the German Excellence Initiative. We believe at TERMIS that great science inspires new perspectives for all of us - the patients, the scientists, the engineers and the clinicians. Analyzing our society, I am very optimistic that we are on the right path and I would like to encourage all of our members to continue to strive in all we do towards excellence.

Yours sincerely,



Professor 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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Tissue Engineering

Parts A, B, and C

Mary Ann Liebert, Inc.  publishers

Restored: Online access to *Tissue Engineering* archives
https://www.termis.org/journal_login.php

Contact Sarah Wilburn, swilburn@termis.org with any questions.

International Fellows of Tissue Engineering & Regenerative Medicine (FTERM) - Women Recipients

During the 2012 TERMIS World Congress in Vienna, the founding fellows of the International Fellows of Tissue Engineering and Regenerative Medicine (FTERM) were announced. It was recognized that there was a gender imbalance in the initial class of founding fellows which needed to be addressed. A committee was tasked to identify women who were active in the field prior to 1997 and have had committed careers in the development of tissue engineering and regenerative medicine. The subcommittee has identified six (6) women who meet these criteria. The following women have been selected to be a part of the initial FTERM class.



Linda G. Griffith



Kiki B. Hellman



Gail K. Naughton



Nancy L. Parenteau



Molly S. Shoichet



Gordana Vunjak-Novakovic

International Veterinary Regenerative Medicine Society (IVRMS) Becomes Integrated into TERMIS

Written By: Professor Roger K.W. Smith, Professor of Equine Orthopaedics, The Royal Veterinary College and inaugural President of the International Veterinary Regenerative Medicine Society

Regenerative medicine has gained considerable popularity in recent years within the veterinary community primarily because of its applicability to a number of common naturally occurring diseases in domestic mammals but also because of the relative ease at which products have been translated commercially into the clinic, exemplified by the now several thousands of horses treated for tendon injuries with autologous mesenchymal stem cells derived from bone or fat. The expanding involvement of both veterinary clinicians and scientists in this field prompted the running of the first international conference on veterinary regenerative medicine research which took place as a side conference of the World Conference on Regenerative Medicine in Leipzig in October 2009 (see figure 1). The running of such a conference was made possible both financially, by generous sponsorship of the BBSRC and a number of companies interested in this field, and organizationally by the tireless efforts of Dr. Iris Ribitsch. The primary goal of this meeting was to organise and run a veterinary regenerative medicine conference as a means to gauge enthusiasm for establishing an international veterinary regenerative medicine society. The meeting far exceeded expectations with in excess of 100 interested scientists and veterinarians attending the two-day conference with speakers drawn from 11 different countries from Europe, USA and Japan. At the end of the conference, a discussion session was timetabled to evaluate the interest in establishing an International Veterinary Regenerative Medicine Society and this concept was universally supported. Based on this enthusiasm, the Society was founded in May 2010 in Germany under the initial guidance of the organisers of the Leipzig conference (Professors Roger Smith (Royal Veterinary College, London), Walter Brehm (Leipzig), Reinhold Erben (Vienna), and Drs Iris Ribitsch (Leipzig) and Johannes Edinger (Vienna)) with added support from Dr. Lisa Fortier (Cornell University) and Dr. Yoshinori Kasashima (Japan Racing Association) (see figure 2). The establishment of the Society was facilitated greatly by legal input from Karl Nobert and K&L Gates, one of the sponsors of the original Leipzig meeting.

IVRMS again joined forces with the World Conference on Regenerative Medicine in Leipzig in 2011 but with a slightly different yet successful structure to the original conference, integrating veterinary speakers within the main programme but also having specific veterinary sessions on the first and last day.

Also in 2011, IVRMS was approached by Professor Stephen Badylak, President of TERMIS, with the suggestion that IVRMS could merge with TERMIS. After considering this proposal carefully, IVRMS considered this to have many advantages for both parties – IVRMS would benefit from the backing of a larger organization and TERMIS would benefit from the interaction with veterinary scientists with expertise in animal models and naturally-occurring disease analogous to many human conditions that has the potential of offering the missing link in translating basic science into human medical applications.

At the AGM on the 9th January 2013, it was unanimously agreed that IVRMS should join with TERMIS and, in so doing, attempt to become a thematic group within the TERMIS organisation. Representing the veterinary interests, Professor Roger Smith will remain President of IVRMS with responsibilities for IVRMS within the EU Chapter in collaboration with Dr. Iris Ribitsch. Dr. Lisa Fortier has agreed to represent IVRMS in the Americas chapter and Dr. Yoshinori Kasashima will represent IVRMS in the Asia-Pacific chapter. The IVRMS Board are all extremely enthusiastic about this step and look forward to advancing the interest of the veterinary regenerative medicine sector within TERMIS.

Finally, I would like to acknowledge, once again, the tremendous efforts that Dr. Iris Ribitsch has made on behalf of the Society since its formation. The Society would not have survived without her continual support.

Continued on the next page...

IVRMS Continued...



Figure 1 - A selection of delegates and speakers at the inaugural international veterinary regenerative medicine conference in Leipzig, October 2009



Figure 2 - Founding members present at the incorporation of the IVRMS in German Law in May 2010.

From left to right - Johannes Edinger (Vienna), Walter Brehm (Leipzig), Iris Ribitsch (Leipzig) Reinhold Erben (Vienna), and Roger Smith (Royal Veterinary College, London)

Interested in forming a thematic group, visit the [TERMIS website](#) for further details.

Thematic Groups

In 2011, the Governing Board of TERMIS approved a recommendation that Thematic Groups of the Society should be created. TERMIS was, by then, well advanced in the integration of regenerative medicine at the geographical level, with its three continental chapters. The Thematic Group initiative was intended to address integration at the subject level. Tissue engineering and regenerative medicine involve a wide variety of basic scientific and engineering disciplines that have to be combined with clinical disciplines and the practical aspects of translational medicine. Thematic Groups have been introduced, in a phased manner, which are globally based rather than geographically oriented. These groups are intended to enhance the development of the quite disparate scientific and clinical aspects of our regenerative medicine field, whilst at the same time ensuring that they are fully incorporated into the Society. The Governing Board considered that this would better serve the whole community than the formation of smaller discrete topic-based societies outside of TERMIS.

A small number of Thematic Groups have already been formed, including the Biofabrication Group, which is described in this Newsletter. A principal activity of these groups will be the organization of symposia at chapter meetings and world congresses. It was agreed that each approved Thematic Group should be able to request a symposium slot at any TERMIS conference, and each Conference Chair will be encouraged to give preference to proposals from Thematic Groups to organize such symposia. Thematic Groups should report to the Governing Board on their activities and be prepared to produce reports for publication in the Newsletter. It is also possible for Thematic Group chairs to co-ordinate with the Editors-in-Chief of Tissue Engineering for publication of review papers dealing with their themes. Thematic Groups are independent of Continental Councils, but each Group is encouraged to keep all Continental Chairs apprised of their proposals and activities.

For those interested in establishing a Thematic Group, an outline proposal should be made, which will include the title of the theme, the names of three proposers, all of whom are members of TERMIS and a statement of the rationale for the theme. The outline submission should be sent to the TERMIS administrator and will be reviewed by the President and President-Elect. If it is agreed that the proposal represents a theme that is relevant to TERMIS, the proposed Thematic Group Chair would be encouraged to submit a full proposal.

The full proposal should contain a two-page statement of the scientific and clinical rationale for the theme and an indication of the proposed activities. It should include the names of proposed office holders, specifically Chair, Vice Chair and Secretary, and a list of ten additional scientists and / or clinicians, who need not be current members of TERMIS, who endorse the formation of the Group. These should have a broad geographical spread and preferably involve all three Continental areas.

Biofabrication Thematic Group Update

After being founded in November 2011, the Biofabrication thematic groups started its activities with the successful organization of a symposium at the World TERMIS meeting in Vienna in September 2012, under the specific theme of “Platforms for 3D High Throughput Screening and Cell culture”. The symposium was opened by a keynote talk from Prof. Wei Sun, chairman of the thematic group and president of the International Biofabrication Society, who gave an inspiring overview of the many facets where Biofabrication is nowadays involved in the biomedical science field. Following speakers, both in the oral and poster sessions, reported on new methods and technologies that are rising up to screen different experimental conditions and culture cells in three-dimensional systems, thereby providing new platforms to facilitate the unraveling of tissue and organ complexity. The symposium attracted significant interest from TERMIS delegates as well as from participants, as showed by a completely full auditorium, which highlighted the popularity of biofabrication among TERMIS members and the need for the formation of the thematic group.

A few months later, members of the thematic group also actively participated to the International Biofabrication Society annual meeting, held in Manchester at the end of October 2012. In this occasion, we could assist to the flourishing of the International Biofabrication Society as a mature community able to interact independently with sister societies. The conference was an occasion for many interdisciplinary scientists to discuss and find collaborative opportunities around the engineering and life sciences principles at the base of the Biofabrication community.

At the beginning of this year, the thematic group started also to discuss about next steps. Discussion with industrial and clinical endorsing partners have been initiated to find avenues that can be foreseen to facilitate more public-private partnership and an easier route for clinical translation. A couple of initiatives to obtain common funding and organize a forum where members of the thematic group can be more actively in contact despite the “long” distances between countries are being discussed. Last, but not least, the thematic group will organize a symposium at TERMIS-EU under the initiative of Dr. Fabien Guillemot and Prof. Wei Sun and a symposium at TERMIS-AP under the initiative of Prof. James Yoo and Dr. Tim Woodfield. The European symposium will focus on the theme “Design rules and technologies to deal with tissue complexity”, while the Asian-Pacific symposium will discuss “Biofabrication and bioprocessing in TERMIS” more in general terms. Some of its members will also participate this year at the 2013 International Biofabrication Society conference that will be organized by Prof. Thomas Boland in El Paso, U.S.A. We look forward to interact with all of you in person during these events.

Yours Sincerely,

Lorenzo Moroni
Wei Sun
Tim Woodfield

Musculoskeletal Tissue Engineering Thematic Group Update

Chair: Dr. Karl-Heinz Schuckert, Institute Indente
Vice-chair: Prof. Dr. Swee-Hin Teoh, Nanyang Technological University
Secretary: Tanja Helberg, Institute Indente

In order to advance our objective of a swifter clinical application of new technologies in tissue engineering our group organized and will organize several international meetings which gave and will give us the possibility to ensure a top-level and up-to-date state of research.

On 6 September, 2012 our group held a symposium titled “Tissue Engineering from Lab via Translation to Clinical Application” at the **TERMIS World Congress in Vienna**. More than 500 attendees listened to excellent keynote presentations. Prof. Dr. Molly Stevens and Prof. Dr. Swee-Hin Teoh presented their latest research results; Prof. Dr. James Kirkpatrick gave a talk in the subject area “translation”, and Prof. Dr. Martijn van Griensven and Dr. Karl-Heinz Schuckert presented tissue engineering in clinical application.

During the **TERMIS Chapter Meeting in Istanbul** in June 2013, the Musculoskeletal Tissue Engineering Group intends to organize a symposium with the title “Tissue Engineering from Lab to Clinic”. Keynote lectures will be given by Prof. Dr. Katja Schenke-Layland, Prof. Dr. James Kirkpatrick and Dr. Karl-Heinz Schuckert. Depending on the time slot, we intend to open this session for further oral and poster presentations selected from submitted abstracts.

Last but not least, the **TERMIS Chapter Meeting in Shanghai** in October 2013 will give us a platform to discuss new challenges of tissue engineering. We plan to rule a symposium at this meeting with three keynote lectures: Prof. Dr. Swee-Hin Teoh, Prof. Dr. Dr. Martijn van Griensven, and Dr. Karl-Heinz Schuckert. Furthermore, we expect a high number of submitted abstracts for oral and poster presentations.

In addition to these symposia a special meeting of nearly all group members is planned during the International **Bone-Tissue-Engineering Congress, bone-tec 2013**, which will take place in **Singapore** in December 2013. Further details about this event will follow soon.

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info@indente.de
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www.bone-tec.com

Registration for the 2013 TERMIS-EU Istanbul Conference are now being accepted.

For further information on registration, please visit www.termis.org/eu2013.



The European Chapter Meeting of the Tissue Engineering and Regenerative Medicine International Society (TERMIS-EU 2013) will be organized on June 17-20, 2013 in Istanbul. The Meeting will bring together scientists and experts from both academia and industry and also those engaged or interested in funding regulatory and commercial endeavors related to tissue engineering and regenerative medicine, which will be held in one of the most beautiful corners in Turkey with a unique atmosphere resulting from a mixture of cultures that have passed through this bridging landscape from one continent to the other where contrastingly historical and modern Istanbul sits today.

The following topics will be included in the special sessions during these four days-meeting: Biomaterials; Scaffold Designs and Fabrication Technologies; Tissues and Cells; Stem Cells Science; Genetic Modifications and Regulations; Bioreactors; Bioactive Agents; Animal Models; Clinical Trials; Sensors and Arrays for Molecular Follow-ups; Bioimaging; Nanoapproaches; Bioprinting; Biomimetics and Bioinspiration and more. These sessions will include keynote lectures on thematically-related research and development addressing significant problems, current developments, planned research directions and challenges in tissue engineering and regenerative medicine which will be presented by leading researchers in this multidisciplinary field.

There will also be special symposia and workshops organized by selected individuals and/or together with other scientific societies/institutions, during and around the Meeting and also attached to it. Special focus will be given to the translational aspects of our field as well promoting young researchers. The student chapter of TERMIS called the Student and Young Investigator Section (SYIS) collaborates with the meeting host to organize various student activities during the meeting.

We hope that you would take the opportunity to join/contribute to this exciting upcoming event also to discover the beautiful city of Istanbul.



Contact information: The meeting will be organized by Biyomedtek: Society of Biomedical Technologies and its Economical Enterprise by contributions of Hacettepe University-Bioengineering R&D Centre and Bioengineering Division.

Mail address: Biyomedtek, Dumlupinar sok., No: 15, Beysukent, 06800 Ankara, Turkey

Tel: +90 532 4641341; **Fax:** +90 312 2363657;

E-mail: termiseu2013@biyomedtek.com and erhanpiskin@biyomedtek.com

Websites: <http://www.termis.org/eu2013> and <http://www.eventmobi/termiseu2013/>


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TERMIS-AP 2013 Annual Conference

—Translation for Tissue Engineering and Regenerative Medicine

When and Where

23-26 Oct 2013, Shanghai and Wuzhen, China

Main Theme of the Conference

How to accelerate the translation process of tissue engineering and regenerative medicine, from the perspective of scientists, bioengineers, clinicians, regulatory officials and other key professionals.

Important Dates

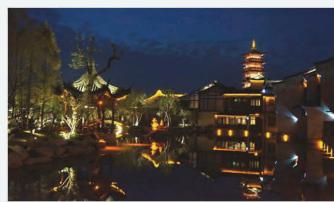
Abstract submission deadline: 15 April 2013

Early registration deadline: 15 July 2013

Online registration deadline: 31 Aug 2013



Wuzhen is a beautiful and well-preserved ancient waterside town with a history of over 1,000 years, which is at the outskirt of Shanghai and known as the "Venice of the Orient".



Shanghai is a renowned international metropolis with global influence in commerce, culture, finance, media, fashion, and technology.

Conference Venue: Waterside Resort, Wuzhen

For details, please visit <http://www.termis.org/ap2013/>

Celebrating 25 Years of Transformative Science & Engineering

November 10-13, 2013 • Hyatt Regency, Atlanta, Georgia

TERMIS-Americas Conference & Expo 2013...

offers the industry's most dynamic forum for reporting on new discoveries, sharing data and insights and advancing collaborative efforts. The scientific program will again feature today's most promising research efforts, combined with reports on new developments and discoveries -- all setting the standards for achieving far-reaching impacts for our roles in tissue engineering and regenerative medicine.

Please join us in Atlanta as we celebrate the past and report scientific discoveries that will define the future of the tissue engineering and regenerative medicine fields!

New This Year!

Opening Symposium: Tissue Engineering & Regenerative Medicine: Origins and its Evolution – Sunday, November 10th Organized and Chaired by Robert M. Nerem, PhD, this year's conference will kick off with an opening symposium gathering past, present and future leaders to mark the 25-year milestone since the first federally-funded tissue engineering meeting was held at Granlibakken, Lake Tahoe, California in February 1988.

Celebrate the TERMIS Community! Conference guests are invited to continue our celebration on Tuesday evening, November 12th. Plans are underway to toast to the field's progress during a special reception at a popular local Atlanta attraction. Check the conference website for event details at www.termis.org/am2013.

Welcome NAVRMA! On behalf of TERMIS-AM, we are thrilled to host the North American Veterinary Regenerative Medicine Association's annual conference. On Monday and Tuesday, attendees from both groups will be able to "cross-over" to sessions of mutual interest.

Featured Keynote Speakers:

Deepak Srivastava, MD

Younger Director of the Gladstone Institute of

Cardiovascular Disease

Director of the Roddenberry Stem Cell Center at Gladstone

Professor at the University of California, San Francisco

Valerie M. Weaver, PhD

Associate Professor, Departments of Surgery &

Bioengineering & Therapeutics

Director, Center for Bioengineering & Tissue Regeneration

University of California, San Francisco

James M. Wells, PhD

Endowed Chair in Regenerative Medicine & Perinatal
Endocrinology

Professor of Pediatrics

Director for Basic Research, Division of Endocrinology

Director, Pluripotent Stem Cell Facility

Cincinnati Children's Hospital Medical Center

Special Offer!

Register before 9/15/13 and save!

Get details and much more at:

www.termis.org/am2013



Hosted by:
Georgia Tech **Institute for Bioengineering & Bioscience**
 Parker H. Petit Institute for Bioengineering & Bioscience

Celebrating 25 Years of Transformative Science & Engineering

Who Attends TERMIS-AM?

- Engineers, researchers, & scientists
- Clinicians
- Managers & industry executives
- Young professionals
- Educators & students
- Governmental representatives
- Media representatives

This year's sessions will focus on:

- Acellular Therapies
- Acting locally, Affecting globally
- Cell Engineering/Synthetic Biology
- Computational Modeling
- Drug Delivery Principles
- Engineering Morphogenesis
- Engineering of Matrix Composition
- Engineering Tissues for In Vitro Screening & Diagnostics
- Imaging (cell transplantation, tissue function, regeneration)
- Immunotherapy
- Interfacing Regen Med with 'omics
- Manufacturing Technologies & Platforms
- Mechanotransduction
- Non-Destructive Phenotype Analyses
- Paracrine/Trophic Delivery
- Polytrauma Models of Repair/Regeneration
- Preclinical Animal Models
- Preventing Organ Failure
- Regeneration-Inducing Biomaterials
- Rejuvenating Tissue/Organ Function
- Reproductive Biology
- Reprogramming Cells for Regeneration
- Systems Biology, Multi-Parametric Analysis
- Tumor Environments & Cancer Biology (Lessons Learned)
- Vascularization

Why attend?

- Share your latest scientific discoveries with the community
- Network with industry leaders
- Hear late breaking science
- Meet new colleagues at social events including TERMIS-America's 1st ever conference social
- Mingle with leading scientists from around the world

Conference Features:

Sunday, November 10th

TERMIS-AM Industry Committee Pre-Con – 8am – 2pm
 Women's Leadership Forum – 11:30am – 2pm
 Opening Plenary Session – TE & RM Origins & Evolution – 2:30pm – 7pm
 Opening Reception (hosted by Sponsors/Exhibitors) – 7pm – 9pm
 Registration Open – 7am – 9pm

Monday, November 11th

General Session, including Keynote speaker & 4 parallel sessions – 8am – 4:30pm
 Exhibit / Poster Viewing – 9:30am – 10am; 11:30am – 1pm; 2:30pm – 3pm
 Exhibit / Reception / Poster Viewing – 4:30pm – 6pm

Tuesday, November 12th

General Session, including Keynote speaker & 4 parallel sessions – 8am – 2:30pm
 Exhibit / Poster Viewing – 9:30am – 10am; 11:30am – 1pm
 Exhibit / Reception / Poster Viewing – 2:30pm – 4:30pm
 Evening Special Event – 7pm

Wednesday, November 13th

General Session, including Keynote speaker & 4 parallel sessions – 8am – 4:30pm
 Clinical Translation presentations – 10am – 4:30pm

November 10-13, 2013

Hyatt Regency, Atlanta, Georgia

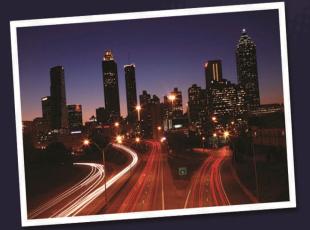
TERMIS-AM 2013 Conference Leaders:

Robert E. Guldberg, PhD

TERMIS-AM 2013 Atlanta Conference Chair, the TERMIS-AM Chapter Chair, & the Executive Director, Parker H. Petit Institute for Bioengineering and Bioscience

Todd C. McDevitt, PhD

TERMIS-AM 2013 Scientific Program Chair & the Director, Stem Cell Engineering Center at Georgia Tech



Tissue Engineering & Regenerative Medicine
 International Society - Americas
 Attn: Sarah Wilburn, TERMIS Administrator
 223 Park Place
 San Ramon, CA 94583



www.termis.org/am2013

TERMIS-AM Awards Program—Nominations Due by May 24, 2013

The TERMIS-AM Council and the TERMIS-AM Awards Committee would like to announce the call for nomination packages for the 2013 TERMIS-AM Awards Program.

The deadline to submit nomination packages for the 2013 TERMIS-AM Awards Program is Friday, May 24, 2013.

The TERMIS-AM Awards are:

- Lifetime Achievement Award
- Senior Scientist Award
- Young Investigator Award
- Mary Ann Liebert, Inc. Outstanding Student Award
- Educational Award
- Innovation/Commercialization Award

Please visit the [TERMIS-AM Awards Program](#) page for complete details for compiling the nomination package.

Nomination packages for any TERMIS-AM award should be submitted to Sarah Wilburn, the TERMIS Administrator, by Friday, May 24, 2013. The criteria for submitting a nomination must be followed in order for the nomination to be accepted.

The awardees will be presented with their award at the 2013 TERMIS-AM Conference in Atlanta, Georgia in November.

Please submit your nomination packages to:

TERMIS-AM Awards Committee

c/o Sarah Wilburn

TERMIS Administrator

223 Park Place

San Ramon, CA 94583

P: +1 (925) 362-0998

F: +1 (925) 362-0808

E: swilburn@termis.org

TERMIS-EU Solicitation of Support for 2013 Summer Schools

Each year, the TERMIS-EU helps to support a Summer School. If you are interested in hosting a Summer School or have organized a Summer School and would like the EU Chapter to become involved, please contact [Sarah Wilburn](#). With your request, please provide detailed information, such as: location, dates, speakers, program, activities, etc. All requests will be reviewed by the TERMIS-EU Council and a final selection process will be conducted.

All requests for hosting a Summer School should be submitted to Sarah Wilburn by Friday, 29 March 2013.

2016 Solicitation of Proposals to Host the 2016 Chapter Conferences

The TERMIS-AM, TERMIS-AP and TERMIS-EU Councils would like to announce the solicitation of proposals to host the TERMIS 2016 Chapter Conferences. If you are interested in submitting a proposal for consideration, please contact the TERMIS Administrator, swilburn@termis.org.

TERMIS-AM 2016 Conference

*The deadline for submitting proposals
for the 2016 TERMIS-AM Chapter
Meeting is Friday, 3 May 2013.*

TERMIS-EU 2016 Conference

*The deadline for submitting proposals
for the 2016 TERMIS-EU Chapter
Meeting is Friday, 3 May 2013.*

TERMIS-AP 2016 Conference

*The deadline for submitting proposals
for the 2016 TERMIS-AP Chapter Meet-
ing is Friday, July 16, 2013.*



TERMIS-EU/Expertissues/Biodesign–Winterschool 2013

Between the 27th and the 30th of January the Winterschool took place in Radstadt, Austria. Topic of this year was „Vitro/Vivo Preclinical Models and Imaging in Musculoskeletal Tissue Regeneration“. The first session „In Vitro Systems“ included talks of experts in bio-reactors, Cornelia Kasper, Andreas Teuschl and Adam Papadimitropoulos. Thomas Eschenhagen gave highly interesting insights about how to make an artificial heart muscle. Pamela Habibovic presented high-throughput screening systems for regenerative medicine. In the second session „Angiogenesis & Prevascularisation“ Rainer Mittermayr presented in vivo models of wound regeneration and angiogenesis. Wolfgang Holnthoner introduced several in vitro models for prevascularisation. In the third session „Cartilage“ lectures about „Cartilage engineering: from bench to bedside“ (Stefan Marlovits), „In vitro and in vivo non-functional models“ (Florian Hildner) and „Clinic and models of non-articular cartilage repair“ (Nicole Rotter) were held. Sebastian Schützenberger presented clinical problems of delayed bone healing and models for skeletal tissue engineering in the fourth session „Bone“. Stephan Becker presented clinic and model approaches in spine surgery. The fifth session „Imaging“ gave profound insights in „in vivo optical imaging“ (Susanne Wolbank), „Gene expression monitoring in vivo and in vitro“ (Georg Feichtinger), „Micro-CT imaging of materials and tissues in preclinical models“ (Ralph Müller), „PET (SPECT) in preclinical models“ (Claudia Kuntner), „Hard tissue histology-methods and quantitative evaluation“ (Stefan Tangl) and „Functional in vitro imaging: LM, SEM, ESEM, CLSM“ (Mariangela Fedel). Students had the possibility to present posters in front of the whole group and got many opportunities to discuss with speakers.

During the breaks, students as well as speakers had the possibility to do wintersports or enjoy the spa-zone of the hotel. A night-sledge ride rounded off the successful Winterschool.





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

Upcoming Conferences

March 2013

[REGEN 2013](#) Conference Dates: March 20-21, 2013 Conference Location: Boston, MA

May 2013

[European Interdisciplinary Summit on Cell-Based ATMPs](#)
Summit Dates: May 2-3, 2013
Summit Location: Billrothhaus
Gesellschaft der Ärzte in Wien
Abstract Submission Deadline: April 7, 2013

[First International Symposium on Vascular Tissue Engineering](#)
Symposium Dates: May 28-29, 2013
Symposium Location: Corpus Congress Center, Leiden, The Netherlands

June 2013

[2013 TERMIS-EU: Istanbul, Turkey](#)
Conference Dates: June 17-20, 2013 Conference Location: Istanbul, Turkey Conference Chair: Erhan Pişkin, PhD

August 2013

[Advances in Tissue Engineering Short Course](#)
Short Course Dates: August 14-17, 2013 Short Course Location: Rice University's BioScience Research Collaborative

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 More details to follow.

June 2014

[2014 TERMIS-EU: Genova, Italy](#)
Conference Dates: 10-13 June 2014 Conference Co-Chairs: Ranieri Cancedda, MD and Claudio Migliaresi, PhD More details to follow.

September 2014

[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.

December 2014

[2014 TERMIS-AM: Washington, DC](#)
Conference Dates: December 2014 Conference Co-Chairs: Jennifer Elisseeff, PhD and John Fisher, PhD More details to follow.

September 2015

[2015 4th TERMIS World Congress](#)
Congress Dates: TBD Congress Location: Boston, MA, USA Congress Co-Chairs: David Kaplan, PhD and Kacey Marra, PhD



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TERMIS

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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?
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