

In This Issue of *interLink***Letter from the Editor****Annual Chapter Meetings**

AP: Chinese Taipei
Call for Abstracts!
NA: San Diego, California
Call for Abstracts!
Registration OPEN!
EU: Galway, Ireland 2010

Laboratory Feature

Dr. Minoru Ueda, Nagoya University

BioPix Software**TERMIS-EU Summer School****Sessions Organized by TERMIS-EU****TERMIS-NA Solicitation of Proposals 2011****Mark Your Calendars!**

2009 World Congress-Daejeon, Korea
2012 World Congress-Vienna, Austria

Journal, *Tissue Engineering*

Parts A, B and C now ONLINE!
Librarian Recommendation Form

Meetings Endorsed by TERMIS**TERMIS Governing Board****Edited and Compiled by:**

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

Sarah Wilburn
TERMIS Administrator

Letter from the Editor

Dear Members,

After the setbacks in respect to clinical breakthroughs and funding in the last decade, government agencies, policy makers, and industry leaders have realized again that tissue engineering and regenerative medicine has the potential to deliver a wide range of innovative products that could be of immense importance in the treatment of severe clinical conditions. This is reflected in the current development of new initiatives and the opening of new institutes in Europe, the United States and Asia in our field.

For example, Germany has four (4) big centers of excellence in the TE/RM field, namely Berlin, Dresden, Hannover and Leipzig, with more than ten (10) smaller regional centers. The national TE programmes in the Netherlands are still very strong. Several new large initiatives developed around the TE/RM theme in the United Kingdom, Italy, Switzerland and Spain. In Portugal, a new European Institute of Excellence on Tissue Engineering and Regenerative Medicine opened its doors.

In April, DOD officials unveiled the Armed Forces Institute for Regenerative Medicine (AFIRM). The program is part of a broad, \$250-million effort to rapidly apply the latest techniques in regenerative medicine to the treatment of wounded soldiers. AFIRM is made up of two civilian research consortiums working with the U.S. Army Institute for Surgical Research at Fort Sam Houston in San Antonio. One of AFIRM's civilian consortiums is led by the Wake Forest Institute for Regenerative Medicine and the McGowan Institute for Regenerative Medicine at the University of Pittsburgh. The other is led by Rutgers University and the Cleveland Clinic.

At the World Biomaterials Congress in Amsterdam, more than half of the sessions and topics were related to tissue engineering and regenerative medicine, with a number of other fields in the biomedical sciences including large TE/RM sessions as well. Based on this background, we look forward to an ever growing tissue engineering and regenerative medicine community and I, as should you, am excited to be part of that journey in the 21st century.

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

TERMIS-AP 2008 Taipei, Taiwan



November 6-8, 2008
Chien-Tan Overseas Youth Activity Center
Taipei, Taiwan
www.termis.org/ap2008



Dear friends and colleagues:

On behalf of the organizing committee, I'd like to cordially invite you to participate at the Annual Conference of Tissue Engineering and Regenerative Medicine International Society - Asian Pacific Region (2008 TERMIS - AP). This annual event will be held at the Chien-Tan Overseas Youth Activity Center, Taipei on November 6 through 8, 2008. The weather in Taipei at this time of the year is usually pleasant with a temperature around 20°C.

In this Conference, there will be 3 plenary lectures and 36 invited lectures offered by distinguished speakers from Asian Pacific countries, North America and Europe. The topics to be covered include tissue engineering, regenerative medicine, stem cell technology, cellular/genetic therapies, drug delivery systems and bioreactors.

With your kind support and participation, we believe that we can make this Conference successful. Besides the scientific program, we'd also like to invite you to enjoy the culture, scenery, and hospitality of Taipei, especially for those who have never been to Taipei before. I certainly hope that there will be enthusiastic discussion and dialogue on the recent progress and future perspective of tissue engineering and regenerative medicine in this coming Conference. Also, I wish that the friendship and the communication among all participants would last forever. Finally, I look forward to seeing you all in Taipei in November.

With warmest regards,
Ging-Ho Hsue, PhD
Distinguished Chair Professor.
National Tsing Hua University
President 2008 TERMIS - AP

All plenary lectures will be delivered in the morning of November 7 on the 10th floor of the Grand Hotel

The rest of the Conference will be held in the Chien-Tan Overseas Youth Activity Center. The Grand Hotel <http://www.grandhotel.org/newsite/html/e/ca01.htm>

Important Dates to Remember

August 31, 2008
Deadline for Abstract Submission

October 15, 2008
Deadline for Advanced Registration & Hotel Reservations

September 30, 2008
Notice of Abstract Acceptance



TERMIS-NA 2008 Conference
December 7 -10, 2008 at the Hyatt Regency La Jolla, California
www.termis.org/na2008

Hosted in Conjunction with CTEM - the California Tissue Engineering Meeting

Don't delay! Presentation abstract proposals due now!
Deadline extended: July 31!

[CLICK HERE](#) for details. The submission deadline has been extended to **July 31, 2008**.

Experts from academia and commerce are invited to present timely information ranging from cutting edge research to successful implementation of tissue engineering technologies in all areas of tissue engineering/regenerative medicine including:

Synthetic and Biologic Scaffolds	Craniofacial and Dental Tissue Engineering
Printing and Stereolithography for 3D Scaffolds	Musculoskeletal Tissue Engineering
Hydrogels	Cardiovascular and Vascular Tissue Engineering
Smart Biomaterials	Neural Tissue Engineering
Stem Cells (MSCs, adult stem cells, embryonic stem cells)	Organ Tissue Engineering
Cell Tracking and Imaging	Cancer: In Vitro Models, Stem Cells
Cell Regulation and Microenvironment	Endocrine and Metabolic Tissue Engineering
Bioreactors and Mechanical Training of Tissue Constructs	Immunology of Allografts and Xenografts
Microvascularization and Angiogenesis	Nanotechnology for Tissue Engineering
Skin and Wound Healing	Product Development, Scale-Up, Preservation and Shelf-life
Soft Tissue Repair	Tissue Engineering and Regenerative Medicine in the Clinic

For more information about abstract content, format and submission procedure, contact Andrea Lubienski, Forecast Technology Group, Inc., alubienski@conferencestrategists.com.

SYIS-NA 2008 Activities Gearing Up

The new meeting and fundraising committee chairs, Jen and Allison, have been hard at work planning the SYIS-NA activities for the 2008 TERMIS-NA meeting in San Diego. Many of your favorite events from last year will be included as well as a couple of new events. Tentatively scheduled events include a welcome reception, resume workshop, poster competition, career fair, fun run 5K, student mentor lunch, and a panel discussion. Stay tuned for more details about these events as the meeting approaches. If you are interested in helping with the student activities at the 2008 TERMIS meeting, please contact Julie Steen at justeen@wfubmc.edu.

2008 Tentative Schedule for SYIS-NA Activities in San Diego

Visit the TERMIS-NA 2008 San Diego conference website, www.termis.org/na2008, for the latest information on the SYIS-NA activities.

<u>Saturday December 6</u> 7:00-9:00 p.m.: Welcome Reception	<u>Monday December 8</u> 7:00-7:45 a.m.: Fun Run 12:30-1:30 p.m.: Student Mentor Lunch	<u>Wednesday December 10</u> 8:30-9:30 a.m.: Panel Discussion
<u>Sunday December 7</u> 12:45-1:45 p.m.: Resume Workshop 6:00-8:00 p.m.: Poster Competition 6:00-8:00 p.m.: Career Fair	<u>Tuesday December 9</u> 12:30-1:30 p.m.: SYIS Annual Business Meeting 5:00-11:00 p.m.: Social Event	**Schedule is subject to change

Mark Your Calendars to Attend the 2010 TERMIS-EU Galway Meeting!



TERMIS-EU: Galway, Ireland

Conference Dates: 13-17 June, 2010

Meeting Chair: Prof. Abhay Pandit

Conference Venue: Galway Radisson SAS Hotel

Laboratory Feature

Nagoya University School of Medicine

Department of Oral and Maxillofacial Surgery, Department of Clinical Cell Therapy and Tissue Engineering, and Center for Genetic and Regenerative Medicine, Nagoya University School of Medicine

Minoru Ueda, Professor and Director

Department of Oral and Maxillofacial Surgery, Nagoya University Graduate School of Medicine
65 Tsurumai-cho, Showa-ku, Nagoya 466-8550 Japan

<http://www.med.nagoya-u.ac.jp/saisei/>

Regenerative medicine is both an alternative procedure for transplants and has the potential to cure serious diseases. Japan has the most aged society in the world and could benefit from advances in regenerative medicine. Anti-aging medicine aims to improve or maintain patient quality of life as they age, and using regenerative medicine for this purpose is one of our central missions.

1. Outline of our laboratory

Professor Minoru Ueda assumed duty in 1994, and researches and clinical applications of regenerative medicine were accelerated. Clinical application of tissue-engineered bone for reproducing the alveolar and jaw bone lost due to periodontitis, face injury, tumor resection and so on was started and good results have been obtained. Furthermore, the predictable wrinkle treatment by the patient's own fibroblasts from the oral mucosa as a cell source is also being applied clinically. These techniques that are based on the concepts of translational research, always keep clinical applications in our mind. As a result, new business models have been found such as industry-university collaborations, new endowed chairs and translational research centers have been set up, and funds and talented researchers and clinicians have become available. Because of these distinguished achievements and high evaluations what comes to grips about his activities in industry-university collaborations is that he was awarded the Science Council of Japan chairman prize in 2004. Furthermore, the cultured epithelium that had been investigated at our laboratory over a long time was commercialized for the first time in Japan in 2007. With more than 70 members in and outside Japan, our laboratory has remained only in the field of oral and maxillofacial surgery, but has extended its activities in every direction.



The Science Council of Japan chairman award (2004)
(The second person from right)

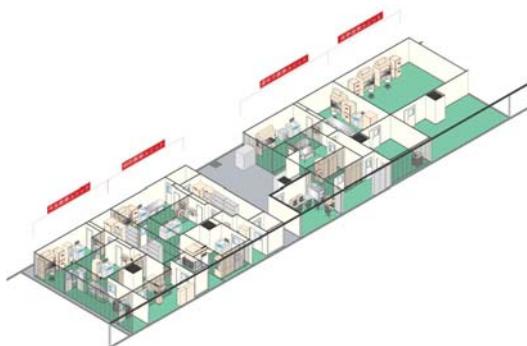
2. Research group

1) University, Institute

(1) The Nagoya University Group



- Center for Genetic and Regenerative Medicine (2002~)



- Department of Clinical Cell Therapy and Tissue Engineering (2007~)
- Milk Teeth Cell Bank (2007~)



(2) Institute of Medical Science, the University of Tokyo

Stem Cell Engineering (2003~2008)

(3) Institute of Biomedical Research and Innovation

Kobe Medical Industry Development Project Research Group (2000~)

2) Collaborated bio-venture companies

(1) Japan Tissue Engineering Co., Ltd. (J-TEC)

<http://www.jpte.co.jp/index.html>

(2) ArBlast Co., Ltd.

<http://www.arblast.jp/english/index.html>

(3) Tooth Cell Bank Ltd.

<http://t-c-b.info/>**3. Research activities**

The research in our departments focuses on regenerative medicine by combining autogenous cells with tissue engineering technology. We have attempted to regenerate various tissues, including bone, skin, cartilage, and teeth. We have successfully translated basic

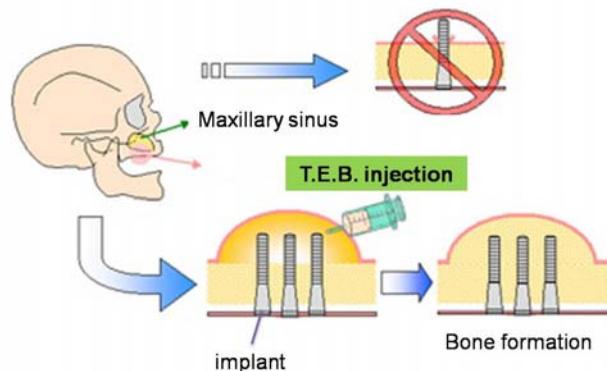


research into clinical applications, using mechanisms such as founding bio-venture companies to develop regenerative medicines. The main applications of our tissue engineering technology are:

1.) Injectable tissue-engineered bone

Injectable tissue-engineered bone (TEB) is a novel technique of bone regeneration that uses mesenchymal stem cells and platelet-rich plasma to provide signaling molecules and matrix. TEB

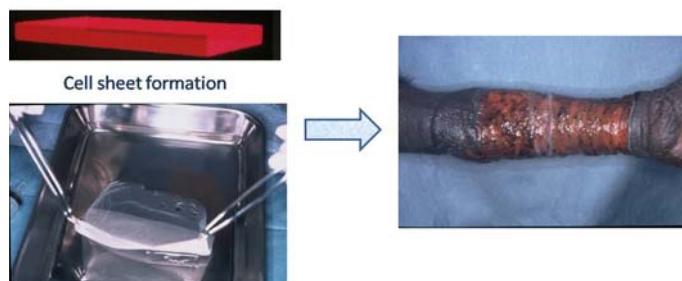
technology has been applied in clinical cases such as periodontitis, sinus floor elevation, and alveolar cleft, with favorable outcomes. This technology has been transferred to ArBlast Co., Ltd.



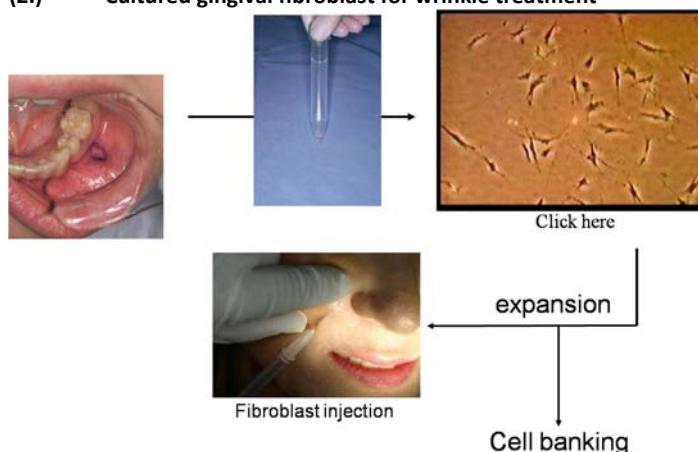
2.) Skin

(1.) Cultured epidermis

A cultured epidermis for skin grafting is made by isolating keratinocytes from a skin biopsy, culturing them in flasks, and forming them into epidermal sheets. By isolating keratinocytes from a 1-cm² skin sample and culturing them as illustrated below, a sheet of cultured epidermis measuring around 1000 cm² can be produced in around two weeks. This technology for keratinocyte cultivation was transferred to Japan Tissue Engineering Co., Ltd. (J-TEC).

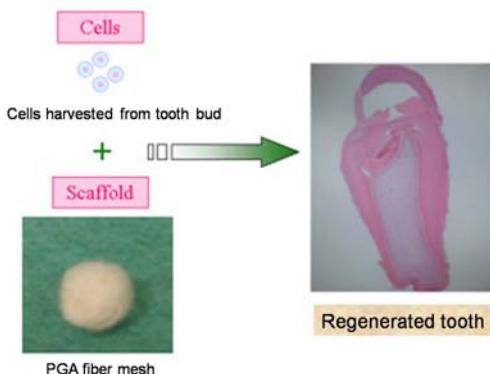


(2.) Cultured gingival fibroblast for wrinkle treatment



(3.) Tissue-engineered tooth

To regenerate teeth with tissue engineering, we are: a) identifying and characterizing stem cells in tissues from tooth germ, b) searching for molecules that affect stem cell differentiation, c) assembling these stem cells on artificial scaffold.



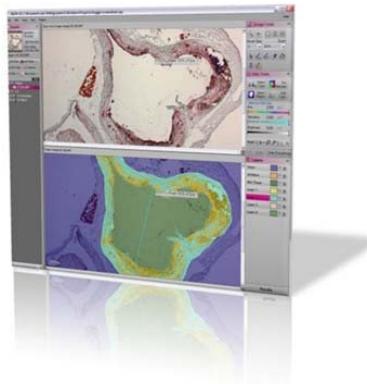
4. Social activities

Our research group has in the past organized several domestic and international meetings such as International Congress on Tissue Integration, the Tissue Engineering Society International and the Japanese Society for Regenerative Medicine. In addition to this, Professor Ueda serves on the continental council member of Tissue Engineering International & Regenerative Medicine, the international committee of the Academy of Osseointegration and he was the former president of the Asian Society of Tissue-Engineering. Moreover, Professor Ueda also serves as a scientific adviser of some bio-venture companies and he is a member of the regenerative medicine-related committee of the government.





Use your images as evidence!



Microscope images can, if objectively quantified or measured, often be used as scientific evidence. BioPix iQ is an image analysis program, used for quantifying histological images of cells and tissues. BioPix iQ is so **easy to use and learn**, that anybody in a lab can use it. Let BioPix empower you with image analysis that is both **easy yet powerful**.

The program has been developed together with scientists at Gothenburg University, in order to guarantee the usefulness and ease of use. The interface and workflow is adapted for fast and easy quantification of hundreds of images and produces reliable data in no time. The applications of the program have been published in several journals (e.g. [Boström et. al. Nature Cell Biology 2007](#)).

BioPix is now happy to give you as a TERMIS member, a special sponsorship offer. We will rebate the standard price (4200 USD) to **3500 USD**, and donate **15%** of all sales from its members to TERMIS.

A free trial of the program can be downloaded from our webpage www.biopix.se. Look for the TERMIS logo! For any questions, of scientific or technical nature, please email peter.holmdahl@biopix.se





Blood



Transfusion Centre of Slovenia

Faculty of Technology and Metallurgy, University of Belgrade, Serbia

National Institute of Biology, Slovenia

Tissue Engineering and Regenerative Medicine International Society

Organize the

International Summer School

On

Advanced Biomedical Technologies for Treatment of Osteochondral Defects

Piran, Slovenia, September 14- 21, 2008

The Summer School is organized as a PhD level course intended for graduate students in engineering and life sciences, with the focus on advanced approaches to the treatment of osteochondral defects. The aim is to introduce the students to different aspects of developing new strategies for clinical applications, starting with the clinical problem and laboratory scale systems, and ending with engineering, ethical and legislative issues in translation to clinics. The course will begin with the physiology of cartilage and bone, and the clinical problem of injury of these tissues. Next, the tissue engineering approaches to regeneration of injured tissues will be presented, with focus on the design and selection of appropriate biomaterials, and the design and operation of bioreactor systems. Finally, the methods for evaluation of engineered tissues will be reviewed followed by ethical issues and legislation in clinical applications. The course will include lectures and laboratory demonstrations of synthesis and production of various biomaterials as well as set up and operation of several tissue engineering bioreactors.

Program:

Clinical problem of cartilage and bone tissue injury

Autologous cell therapies for cartilage and bone tissue regeneration

Tissue engineering approaches to treat osteochondral defects

Biomaterials for cell support for cartilage and bone regeneration:

- Hydrogels (applications in cartilage tissue regeneration)
- Hydroxyapatites and composite biomaterials for bone tissue regeneration

Smart biomaterials in regeneration of cartilage and bone (functionalized biomaterials, biomaterials with controlled delivery of regulatory molecules, composite biomaterials)

Bioreactor systems for cartilage and bone tissue engineering

Characterization of engineered tissues

Ethical issues and legislation

Lecturers:

Andrea Barbero, Research Associate, University Hospital Basel

Bianca Baroli, Assistant Professor, University of Cagliari

Branko Bugarski, Professor, University of Belgrade

Smadar Cohen, Professor, Ben-Gurion University of the Negev

Matej Drobnič, Orthopaedic Surgery Consultant, University Medical Centre, Ljubljana

Djordje Janackovic, Associate Professor, University of Belgrade

Charles Kessler, Principal Scientific Officer, European Commission, Directorate-General for Research

Hana Krecic-Stres, Project Manager, Educell d.o.o.

Nevenka Kregar Velikonja, Managing Director, Educell d.o.o.

Darja Marolt, Postdoctoral Scholar, Columbia University

Lorenz Meinel, Senior Scientist, ETH Zurich

Ulrich Noth, Head of the Division of Tissue Engineering, University of Wurzburg

Bojana Obradovic, Associate Professor, University of Belgrade

Michael Sittinger, Head of the Laboratory for Tissue Engineering, Charite University Medicine
Ralf Toenjes, Professor, Paul Erlich Institute, Langen
Gordana Vunjak-Novakovic, Professor, Columbia University
Dieter Wirz, Senior Scientist, University-Hospital Basel

Literature: Course notes available on July 15, 2008

Exam: 2 hour written exam after the completion of the course

Total: 35 hours, 4 ECTS credits

Certificate: The students who have completed the course and passed the exam will obtain a certificate for the PhD level course "Advanced Biomedical Technologies for Treatment of Osteochondral Defects" (4 credits) from the Faculty of Technology and Metallurgy, University of Belgrade, Serbia.

Fees: The School fee is 300 Eur, which will include attendance to the school lectures, exam, course notes, the book of abstracts as well as welcome cocktail and the farewell dinner. All students from Slovenia and Serbia are granted with the 60 % of the School fee by the Blood Transfusion Centre of Slovenia and the Faculty of Technology and Metallurgy, University of Belgrade so that the school fee for them is 120 Eur.

All members of the Tissue Engineering and Regenerative Medicine International Society (TERMIS) are granted with 60 % of the School fee.

Students of the Faculty of Technology and Metallurgy, University of Belgrade are exempt of paying the School fee and will receive the book of abstracts and course material for free. For a limited number of the best graduate students who are granted stipends from the Ministry of Science, Republic of Serbia during the year 2008, free travel to Piran, accommodation and attendance to the School will be arranged.

Contact persons:

Miomir Knezevic (miomir.knezevic@ztm.si; miomir.knezevic@nib.si)

Chair of the Organizing Committee

Assist. Prof.

Head Unit for the Collection and Processing of Haematopoietic Stem Cells, Blood Transfusion Centre of Slovenia

Assistant Director of Technology Transfer, National Institute of Biology, Slovenia

Bojana Obradovic (bojana@tmf.bg.ac.yu)

Co-chair of the Organizing Committee

Assoc. Prof. & Vice-Dean

Faculty of Technology and Metallurgy, University of Belgrade

Program Committee:

Bojana Obradovic (University of Belgrade)

Gordana Vunjak-Novakovic (Columbia University)

Miomir Knezevic (Blood Transfusion Centre of Slovenia)

Organizing Committee:

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Gaspar Polajnar (National Institute of Biology, Slovenia)

Jure Sah (Blood Transfusion Centre of Slovenia)

Upcoming Sessions Organized by the TERMIS-EU[ESAO Annual Meeting](#)

Conference Dates: 3-6 September 2008
Conference Location: Geneve, Switzerland

Session title: "Innovative Emerging Approaches for the Tissue Engineering of Bone"

Time: 4 September, 2008 from 10:00 AM – 11:00 AM
Speakers: Dr. Rui Reis and Ivan Martin

[European Society of Biomechanics](#)

Conference Dates: July 6-9, 2008
Conference Location: Lucerne, Switzerland
ESB in Lucerne, details are as follows:

Session title: "Physical conditioning of engineered tissues: in vitro or in vivo bioreactors?"

Time: 7 July, 2008 from 16:00-17:30
Speakers: Mauro Alini, Georg Duda, Keita Ito, Ivan Martin

Solicitation of Proposals for the 2011 TERMIS-NA Chapter Meeting

The TERMIS-NA Chapter Council would like to announce the solicitation of proposals for hosting the 2011 TERMIS-NA Chapter meeting. If you are interested in hosting the 2011 TERMIS-NA Chapter meeting, 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 will be reviewed by the TERMIS-NA chapter council and an official vote is conducted. [Click here](#) to view details about hosting a TERMIS meeting.

The deadline to submit proposals is July 31, 2008.

2009 2nd TERMIS World Congress
In

***Daejeon, South Korea at the
Daejeon International Convention Center***

From
August 31 – September 3, 2009

***In Conjunction with the
2009 Seoul Stem Cell Symposium***

www.termis.org/wc2009

Conference President: Dr. Shin-Yong Moon

Honorary Presidents: Drs. Hai Bang Lee, Jeong Man Kim, Kwang Won Kim and Chong Su Cho

Organized by:

The Tissue Engineering and Regenerative Medicine International Society
The Korean Tissue Engineering and Regenerative Medicine Society
Stem Cell Research Center

Contact:

Prof. Gilson Khang

+82 19 410 7579 or gskhang@kRICT.re.kr or gskhang@conbuk.ac.kr

2009 3rd TERMIS World Congress

In

Vienna, Austria

September 5-8, 2012

[Hofburg Congress Center](#)

"Tissue Engineering and Regenerative Medicine"

Conference Chair: Heinz Redl, PhD

Program Chair: Martijn van Griensven

**Ludwig Boltzmann Institute for Trauma Care in the AUVA Research Center and
the Austrian Cluster for Tissue Regeneration**



To request further information, please send an email to Office@lbitrauma.org.



Tissue Engineering, Official Journal of the Tissue Engineering and Regenerative Medicine International Society, has been receiving increasing numbers of excellent reviews and methods papers. *Tissue Engineering* (Part A) has traditionally focused on hypothesis-driven scientific reports. The *Reviews* and *Methods* journals will enable the flagship *Tissue Engineering* to bring these valuable papers to the readership on a much larger scale.

Mary Ann Liebert, Inc. publishers, would like to announce that

Tissue Engineering: Parts B and C are now accessible online to TERMIS members free via the secure login.

Tissue Engineering, Part B, Reviews

Co-editors: John P. Fisher, Antonios G. Mikos, and Peter C. Johnson

Published: Quarterly ISSN: 1937-3368

TERMIS Member Prices: Print: \$50.00 Online: FREE to members

This new journal meets the urgent need for high-quality review papers due to the rapid expansion of the field. The Journal presents critical discussions, analyses, and concise summaries of research in different aspects of the field to assess where we are now and future directions.

Tissue Engineering, Part C, Methods

Co-editors: John A. Jansen, Antonios G. Mikos, and Peter C. Johnson

Published: Quarterly ISSN: 1937-3384

TERMIS Member Prices: Print: \$50.00 Online: FREE to members

This new journal presents procedures and protocols that will be adopted by the tissue engineering community as the research is translated into clinical applications. Authoritative papers will bring consistency to the research methods employed and help the field grow and mature.

To view both *Tissue Engineering*: Parts B and C, login now at:

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

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!

Upcoming Meetings Endorsed by TERMIS!**July 2008**

- [European Society of Biomechanics](#)
Conference Dates: July 6-9, 2008
Conference Location: Lucerne, Switzerland

A TERMIS-EU Session will be held on July 7th from 16:00-17:30 titled, "Physical conditioning of engineered tissues: in vitro or in vivo bioreactors?" The speakers are Maruo Alini, Georg Duda, Keita Ito and Ivan Martin.

- [XX International Fibrinogen Workshop](#)
Conference Dates: 10-13 July 2008
Conference Location: Venice, Italy

August 2008

- [Advances in Tissue Engineering Short Course](#)
Conference Dates: August 13-16, 2008
Location: Rice University Campus, Houston, Texas
- [CELLutions SUMMIT](#)
Conference Dates: August 11-13, 2008
Conference Venue: Boston Marriott Cambridge Hotel
Location: Cambridge, Massachusetts, USA

September 2008

- [3rd International Conference on Tissue Engineering](#)
Conference Dates: September 21-16, 2008
Conference Location: Rhodes, Greece
Conference Chair: Dr. Antonios G. Mikos
- [ESAO Annual Meeting](#)
Conference Dates: 3-6 September 2008
Conference Location: Geneve, Switzerland
Deadline for Abstracts: 1 April 2008
[2nd Announcement & Call for Papers](#)

October 2008

- [IFATS08](#)
Conference Location: Toulouse, France
Conference Dates: October 24-26, 2008
Abstract Submission Deadline: August 10, 2008
- [bone-tec 2008 - International Bone Tissue Congress](#)
Conference Dates: 7 - 9 November 2008
Conference Location: Hanover, Germany

'The Institute Indente and all scientific partner organisations would like to invite you to participate in the international congress for modern bone regeneration **bone-tec 2008**. On the initiative of the ESB there will be a special ESB symposium as part of the bone-tec congress. We ask you to submit abstracts for this symposium 'Biomaterials for Hard Tissue Replacement'. **Bone-tec 2008** is based on the intention of showing new ways in bone, cartilage and tendon regeneration for the benefit of our patients. We would be delighted to welcome you to Hanover in November 2008.'

Incorporating Special ESB Symposium
„Biomaterials for Hard Tissue Replacement“
ESB co-chairs: Prof. E. Schacht & Prof. L. Di Silvio
CALL FOR ABSTRACTS
Poster or Oral presentation
- online submission only -
Deadline 31 July, 2008

Sixth Annual meeting of the International Federation of Adipose Therapeutics and Science (IFATS)
Investigators in basic and translational science and therapy will share knowledge, ideas, applications and prospective issues in an interactive and collaborative meeting from **October 24-26, 2008** in downtown Toulouse. Highlights of the conference will be characterization of the adipose stromal/stem cells, mechanisms and processes involved in the control of their fate, engineering and therapeutic applications in soft tissue reconstruction, bone formation, cardiovascular repair as well as plastic surgery.

We anticipate more than 150 researchers attending from dozens of countries around the world, joining with representatives of the more than 15 companies that are actively working in the area of adipose stem cells. [Register now for IFATS 08!](http://www.ifats08.org) www.ifats08.org.

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