



termis®

Newsletter - *interLink*

Linking the international community of tissue engineering and regenerative medicine

happy holidays



'TIS THE SEASON

WE'D LIKE TO WISH YOU A
WONDERFUL HOLIDAY SEASON
AND A PEACEFUL AND
PROSPEROUS NEW YEAR!

As we look back on the past year,
we want to recognize you, our
members. Thank you for all of
your support!

Best wishes,

The TERMIS Governing Board &
Chapter Councils



2018 WinterSchool



Dear Colleagues,

We want to invite you to the

First INTERREG - 6th TERMIS Winterschool 2018

on "Mechanobiology in Musculoskeletal Tissue Regeneration - In Vitro/In Vivo Preclinical Models and Imaging" in Radstadt, Salzburg, Austria from **January 14th-17th, 2018**.

(Address: Hotel Zum Jungen Römer, Römerstr. 18, A-5550 Radstadt, <http://www.roemer.at/>)

This is both a great opportunity for your students to get first-hand experience in performing preclinical (in vitro and in vivo) models as well as in vivo imaging and European networking with team activities in a beautiful environment and ski slopes just 100m from the meeting venue. There is also a possibility to **present posters** on the workshop's topic.

Limited attendance: 30 Students (only double rooms available)

Contact & Registration

Mag. Bettina Standhartinger Email: office@trauma.lbg.ac.at Tel.: +43 (0)5 93 93-41961

Ludwig Boltzmann Institute for Experimental and Clinical Traumatology Austrian Cluster for Tissue Regeneration

Donaueschingenstrasse 13, A-1200 Vienna – Austria <http://trauma.lbg.ac.at/>



Call for Abstracts
Submission Deadline - January 24, 2018

Abstracts are invited for consideration for the 5th World Congress of the Tissue Engineering and Regenerative Medicine International Society - 2018 Kyoto, Japan (TERMIS-WC 2018), which will be held from September 4-7, 2018 at the Kyoto International Conference Center, Kyoto, Japan. The TERMIS-WC 2018 Kyoto will feature an outstanding scientific program bringing together national and international communities of scientists, clinicians, industry leaders, post-doctoral fellows, graduate students entrepreneurs, and representatives of government funding agencies engaged in the field of

Call for Abstracts Submission Instructions

2018 World Congress Website

Cellular Therapy and Regenerative Medicine Survey

Dear Colleagues,

We continue to collect data to establish a comprehensive, quantitative map of patients being treated in Europe with cellular and engineered tissue therapies (i.e. any clinical treatment based on living cells excluding DLI, donor lymphocyte infusions, and hematopoietic stem cells for hematological reconstitution). The survey is backed by the ISCT and TERMIS-EU and supported by 3 further international organizations as shown above.

If, in 2016, you treated patients with cellular or engineered tissue therapies in Europe or a non-EU EBMT associated country (Algeria, Iran, Israel, Jordan, Lebanon, Nigeria, Saudi Arabia, South Africa or Tunisia) and would like to see your name listed among the 150 or so participating teams, please complete the attached survey form (also found on the **ISCT website** and send it no later than January 13th 2018 to Max Gay by Email: **max.g@usb.ch**).

Please also contact us by email if you have practiced such therapies in the past or have them in preparation for the coming years. This way we can also ascertain the variety of teams capable of performing such therapies. You would also be listed in the report.

We strive to make the results available to the scientific community much earlier than in past editions and to achieve this we ask for your response as soon as possible. Please do not forget to identify in the questionnaire to which of the 5 supporting societies, if any, you belong.

As always, if you know of any group that is performing such therapies please forward this message to them and encourage them to participate. This will help us to have a much more effective impact on the scientific, clinical and regulatory aspects of this continually evolving sector of cellular and engineered tissue therapies.

Previous survey reports which include the number of treated patients, without any reference to clinical outcomes, information on specific cell types, processes and delivery modes in use as well as an appendix listing active teams together with the survey form and guidelines can be found on the **TERMIS website**.

Thank you and with our best regards

Prof. Ivan Martin PhD

Cellular Therapy & Regenerative Medicine Survey Website



Registrations are open
Abstract Submission Deadline - 15th January 2018

It is our pleasure to invite you to attend the 1st TERMIS-EU Workshop which will be hosted in Warsaw, on 22-23 March 2018. The theme for the Workshop is "3D Printing in Musculoskeletal Tissue Engineering".

1st TERMIS-EU Workshop will be organized in collaboration with International Society for Biofabrication. The workshop will provide with insights into the state-of-the-art technologies, methods and biomaterials in 3D printing of biomimetic scaffolds and implants that stimulate desirable cellular responses and tissue regeneration. Additionally, the latest developments and future perspectives in the field of 3D bioprinting used to build 3D personalized living tissue/organs substitutes or models will be discussed.

The important part of the meeting will be hands-on sessions on 3D printing and bioprinting. These sessions will provide participants opportunity to see the 3D printing and 3D bioprinting in action to understand how these technologies might be used in engineering of musculoskeletal tissues.

The Workshop will take place in Warsaw, Poland's capital, with a rich history, and a wonderful combination of modern urban development and historical architecture.

We hope to welcome all of you to the 1st TERMIS-EU Workshop on "3D Printing in Musculoskeletal Tissue Engineering" in Warsaw, Poland!

Abstract Submission Deadline - 15th January 2018

Don't miss the opportunity to submit your Abstract and become part of the exciting 1st TERMIS-EU WORKSHOP Program!

Registrations are OPEN!
Check out the Registration Options

Workshop Website



NSF/CASIS Collaboration on Tissue Engineering Research on the International Space Station to Benefit Life on Earth

The National Science Foundation (CBET - Chemical, Bioengineering, Environmental and Transport Systems Division of the Engineering Directorate) and the Center for the Advancement of Science in Space (CASIS) are pleased to announce a new collaborative initiative. This program will support transformative tissue engineering research that can take advantage of experiments conducted on the International Space Station (ISS) in order to benefit life on earth.

The primary program interest is in tissue engineering. However, any research that would fit within the scope of the Engineering of Biomedical Systems Program but that requires access to experimental facilities on the International Space Station may be considered. This includes cellular engineering, tissue engineering, and modeling of physiological or pathophysiological systems in areas that include, but are not limited to:

- Scaffolds and matrices
- Cell-cell and cell-matrix interactions
- Stem cell engineering and reprogramming
- Cellular immunotherapies
- Cellular biomanufacturing
- System integration between biological components and electromechanical assemblies

Before submission of the proposal to the NSF, a Feasibility Review must be conducted by CASIS. Details of this requirement are provided within the solicitation.

Prospective investigators are encouraged to contact the EBMS Program Director, Michele Grimm (mgrimm@nsf.gov), to discuss the intended scope of the research project. Projects that do not fit biomedical engineering scope of the program will be returned without review. Researchers may submit only one proposal to this solicitation as a PI or co-PI per year. Projects will not be accepted that substantially duplicate those that have been submitted for review through a standard NSF program.

Submission window: January 30 – February 12, 2018

Award amount: Maximum of \$300k

Award duration: Up to 3 years

Full information on the program is available through the NSF Solicitation 18-514, available at www.nsf.gov.

Employment Opportunities

[Looking for a New Position](#)

Upcoming Meetings Endorsed by TERMIS

[List of Meetings](#)

News in TERM

Reports Published in September/October 2017

UCL publishes independent report into regenerative medicine research:

<http://www.ucl.ac.uk/news/news-articles/0917/290917-regenerative-medicine>

And comment in the Guardian, a UK national newspaper:

<https://www.theguardian.com/science/2017/oct/01/guinea-pigs-experimental-implants-used-despite-no-approval-for-human-use>

