



*Linking the international community of tissue engineers and regenerative medicine scientists*



**NATIONWIDE CHILDREN'S®**

*When your child needs a hospital, everything matters.*

## Faculty Positions Regenerative Medicine/Tissue Engineering at Nationwide Children's Hospital

The new faculty member will hold a PhD, MD, MD/PhD, or equivalent degree, and will be expected to be an active participant in the mission of the Center for Regenerative Medicine to develop and accelerate the translation of novel tissue engineering technology into the clinic. Although the center is concentrated on cardiovascular diseases, interests in other areas of emphasis will be considered. The center is interested in all aspects of regenerative medicine, including but not limited to the use of mechanistic-based studies to elucidate the principles underlying neotissue formation; rational design of strategies to improve the performance of tissue engineered constructs; and computational modeling to accelerate the development and translation of tissue engineering technologies to the clinic. Inquiries and nominations are encouraged. Please submit your CV and personal statement via email to Christopher Breuer, MD, c/o Faculty Recruitment at [Patrick.kennedy@nationwidechildrens.org](mailto:Patrick.kennedy@nationwidechildrens.org).

Apply Today!

## Upcoming TERMIS Webinars

- **October 26th at 4:30 PM EDT**
  - [TWIGs: Stem Cells & Cell Therapies & Developmental Biology and Cell Signaling](#)
  - Speakers are: Sarah Heilshorn, PhD (Stanford University) and Jeffrey Millman, PhD (Washington University School of Medicine in St. Louis)
- **October 29th at 4:00 PM CEST**
  - [TERMIS-EU Lab Tour](#) - Dr. Debby Gawlitta Department of Oral and Maxillofacial Surgery & Special Dental Care, University Medical Center Utrecht Regenerative Medicine Center Utrecht (RMCU)
- **November 8th at 1:00 PM EDT**
  - [AST-TERMIS Joint Webinar](#)
  - Speakers are: Jennifer Elisseeff, PhD and Prof. Paolo De Coppi
- **November 16th at 6:30 PM CET**
  - [TERMIS-EU General Assembly Meeting](#)

# 2021 TERMIS Virtual World Congress



## TERMIS World Congress Announcement

**Final congress program of the 6th world congress of the Tissue Engineering and Regenerative Medicine International Society (TERMIS2021) [now](#) available.**

We are happy to announce that the final program is now available, please find the program [here](#).

We apologize for the delay in announcing the program, our team has been working hard to formulate the presentations for a compelling and exciting program.

**Instructions on how to prepare and upload your oral and poster presentations are also online and can be found [here](#).**

On Monday 15<sup>th</sup> November, we will open the program with the Industry Day, accompanied by a small series of Frontiers Symposia where a sensational line of invited speakers from within and outside the TERMIS community will provide forward thinking talks.

In addition to the oral presentations, The poster sessions are chaired group sessions where presenters can either present their poster in the classical way (providing live comments on the submitted poster file) or through a short prerecorded video.

**Do not miss out on this opportunity and join the TERMIS World Congress.  
Register now!**

[Register Here!](#)

---

## Instructions: Oral & Poster Presentations

To prepare your oral and poster presentations, please review the details instructions.

[Oral & Poster Instructions](#)

---

## Awards

We have a vibrant awards program. In addition to the SYIS Best Poster and Best Oral Presentation Awards, we will stimulate the community with:

1. SYIS Oral and Poster Chair Awards. Engage with the community and provide critical feedback to your peers to help progressing their science!
2. Best Keyword Seeker Awards. Entertain your brain while listening to some of the most inspiring lectures!

3. Best Riddle Solver Awards. Train your mind and challenge your sagacity in our new scientific conference game!

---

If you have any questions regarding the 2021 TERMIS World Congress, please contact:

Congress Secretariat  
Klinkhamer Group | conferences & events

E: [info@termis2021.org](mailto:info@termis2021.org)  
T: +31 (0)43-36 27 008

---

## Members Only Portal

Wondering what your TERMIS membership number is?

Missed a webinar and would like to view the recording?

[Access the TERMIS Membership Portal Today.](#)

Our membership portal enables our members to access

- the official journal of TERMIS, *Tissue Engineering, Parts A, B and C*, published by Mary Ann Liebert, Inc.;
- the Springer Updateable Book Series Chapters;
- your membership profile;
- the TERMIS Community Forum and Social Community (search for members, interact, etc.)
- as indicated above, the recordings of the various webinars TERMIS has conducted over the last year.

**Need assistance accessing the membership portal. Please reach out to [swilburn@termis.org](mailto:swilburn@termis.org).**

**NOTE: If you have tried to reset your password and cannot find the email (check your SPAM), please note that emails through MemberClicks are from [termis@memberclicks-mail.net](mailto:termis@memberclicks-mail.net).**

Membership Portal

Reset Your Password

---

## TERMIS Webinars Recordings

All members of TERMIS have access to view the webinars that have been recorded with permission by the speakers via access within the Members Only portal. If you have any questions on how to access the portal, please reach out to the [Executive Administrator](#).

Members have access to all of the TWIGs webinars, SYIS Virtual Webinar Series, SYIS-EU Interviews, Chapter Awards Presentations and webinars organized in collaboration with AST and ISBF.

Members Only Portal Login

---

## Member Accolades

Beginning in 2021, TERMIS would like to begin to recognize our members, who have received accolades (awards that you have received acknowledging your work in the field). If you would like to be recognized in the newsletter, please send the relevant details to the [Executive Administrator](#).

---

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

## The official journal of TERMIS

# Tissue Engineering

Parts A, B, and C

Mary Ann Liebert, Inc.  publishers

*Members of TERMIS receive free online access to Tissue Engineering.*

*Login to the membership portal to gain access today!*

### Latest Special Issues

- [Special Issue on Hydrogels and Injectable Systems](#)

### Tissue Engineering Resource Center

*Tissue Engineering, Parts A, B and C*, the Official Journal of TERMIS, is proud to present the “**Tissue Engineering Resource Center**” to all TERMIS members, presenting helpful tools and resources for researchers around the world. Included in this resource center are videos and presentation materials from Workshops held at past TERMIS meetings. We will be adding many additional resources as we build this “tool box” so make sure to access our Resource Center on a regular basis. To gain access to the Tissue Engineering Resource Center, please [click here](#).

If you would like to contribute to the Tissue Engineering Resource Center, please email Sophie Reisz [sreis@liebertpub.com](mailto:sreis@liebertpub.com) for more information.

### QR Code Implementation

Mary Ann Liebert, Inc., publishers of *Tissue Engineering, Parts A, B and C* are happy to announce a new initiative that will implement QR Codes on the foremost page of every article in the print and online PDF versions of upcoming issues.

The QR code will allow readers/users that are browsing the print version (or printed PDF version) of the journal, to simply scan the QR code with their smartphones and be immediately directed to the online version of the paper. In the future, if we want to get creative, we can link out to other versions of the manuscript – perhaps a translated version, a video, visual abstract, or a special collection in which the paper is featured. Implementing the QR codes should encourage more visibility, usage, downloads, and enhance reader experience.

The QR codes will be added to the *Tissue Engineering, Parts A, B and C* soon.

QR Code Example

---

### Encourage Your Institution to Subscribe to *Tissue Engineering, Parts A, B and C*

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



## Call for Abstracts

The TERMIS-AM 2022 Conference 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 fields of tissue engineering and regenerative medicine.

Please note, there is no fee or charge to submit an abstract.

Click [HERE](#) for COVID-19 Information

**The deadline to submit your abstract is December 6, 2021, 12:59 PM Pacific Time.**

To review the abstract submission guidelines, please [visit here](#).

[Submit Your Abstract](#)

## 2022 Business Plan Competition

2022 TERMIS-AM Business Plan Competition Organizers: Suzanne Tabbaa, PhD and Chelsea Bahney, PhD

For the 2022 TERMIS-AM Conference, the Commercialization and Regulation Thematic Working Interest Group (TWIG) proudly invites you to participate in a Business Plan Competition. The top three submissions will compete in the Finals during the 2022 TERMIS-AM conference that will be held in Toronto, ON, Canada from July 10-13 with podium presentations. The winner will be judged and selected by an expert judging panel. Apart from living a unique experience, finalists will receive mentorship, feedback, and exposure. The top 8 applicants not chosen to compete in the Finals will be awarded Honorable Mention and participate during a poster business plan competition. Semi-finalists will provide a 1-min elevator pitch during the poster session and receive scores and feedback from expert judges.

***Applicants should submit their "abstract" directly to Tatiana Veres, [am2022@termis.org](mailto:am2022@termis.org), using the published formatting requirements, with the exception of the Content. Abstracts should be comprised of the following content sections: (1) Company Summary, (2) Products and/or Service (3) Market and Competition Analysis (4) Strategy and Implementation, (5) Financial Plan and (6) Management Plan. All other rules apply.***

[Business Plan Competition Details](#)

# TERMIS-AP 2022

October 5-8, 2022 / JEJU, South Korea

New Chapter of Future Regenerative Medicine



## Call for Symposia

The scientific committee of TERMIS-AP 2022 invites you to submit a proposal for an exciting symposium at the upcoming AP chapter meeting to be held on Oct 5<sup>th</sup>-8<sup>th</sup> in Jeju, Korea. Submitted proposals of symposia are expected to provide an opportunity to share specific research issues, problems, or topics from a variety of perspectives.

The results of the review process of symposia proposals will be announced in the course of the month of February 2022, before the general abstract submission opens. Please be advised that the scientific committee reserves the right to merge or alter the symposia proposals.

## Dates to remember

Symposia Proposal Submission Due: January 31, 2022  
Notification of Symposia Proposal Acceptance: February 15, 2022  
Abstracts Submission: March 1 ~ May 15, 2022  
Early-bird Registration Due: July 31, 2022

[Symposia Submission Guidelines & Proposal Form](#)

## Student Paper Competition

2021 TERMIS-AP Webinar Student Paper Contest (2021-TERMIS-SPC) will be held as an on-line international symposium on 12/18 (Sat) and 12/19 (Sun) in order to promote students for their research activity in tissue engineering and regenerative medicine in Asia and Pacific regions. We are looking forward to your or your students participation.

**Honorary Chairman:** Prof. Yasuhiko Tabata (Kyoto U) and Prof. Jen Ming Yang (CGU)

**Chairman:** Prof. Akon Higuchi (NCU) and Prof. Guoping Chen (NIMS)

**Co-Chairman:** Jiao Jiao Li (UTS) and Haiyan Li (RMIT)

**Sponsored by:** Journal of Materials Chemistry B, Royal Society of Chemistry and the Department of Chemical Materials Engineering at the National Central University

**Awards:** Journal of Materials Chemistry Award (RSC),  
TERMIS-AP Webinar Student Paper Contest Award



## Abstract Submission Deadline: November 21, 2021

### Participant Requirements:

Students from the TERMIS-AP region that are required to be members of TERMIS.

1. Participants of this student paper contest should be a student in universities located within the Asian-Pacific regions.
2. Awards: TERMIS-AP Webinar Student Paper Contest (1st, 2nd and 3rd prizes).
3. Requirement: Please kindly be a student member of TERMIS, if you are not a student member of TERMIS. If you are not a member of TERMIS, you can join easily. Please refer to: [TERMIS Membership Types](#) and [TERMIS Membership Application](#).
4. Please send the payment screen of student member of TERMIS or screen shot of your membership page of TERMIS together with Registration form (excel file) and Abstract (word file) as described below.
5. Please write name of presenter, name of authors, affiliation, e-mail address, title of presentation, key words in an excel file (registration.elsx). Please make the name of excel file as your name.elsx. (if your first name is Tanjiro, family name is Kamado, and submission date is August 5, then, 8-05-Tanjiro-Kamado.xlsx)
6. Please write abstract following the guidance of abstract template. Please make the name of word file as your name.docx. (if your first name is Tanjiro, family name is Kamado, and submission date is August 5, then, 8-05-Tanjiro-Kamado.docx)
7. Please send (a) registration form, (b) abstract and (c) TERMIS student member certificate (jpeg or pdf file of payment certificate or your membership homepage) into [akon.higuchi@riken.jp](mailto:akon.higuchi@riken.jp)
8. TERMIS Member Certificate: After log in (<https://termis.memberclicks.net/login#/login>), Go to "Edit My profile", then you can see your name and membership No. Please take screen shot on this screen and send us.

Deadline of the submission is November 21, 2021.

If you do not receive a registration acknowledgement by the end of November, please send an mail to [higuchi@ncu.edu.tw](mailto:higuchi@ncu.edu.tw).

[Access to the Registration Form](#)

[Access to INFORMATION](#)

[Access to the ABSTRACT TEMPLATE](#)

## TERMIS-EU News

2022

TERMIS

EU-Chapter  
Kraków  
28.06-1.07.2022



 termis.

## Call for Symposia

Dear TERMIS Members,

It is our great pleasure to announce the Tissue Engineering and Regenerative Medicine International Society (TERMIS) European Chapter Conference 2022 will be held in Krakow, Poland, from 28th June to 1st July 2022.

The TERMIS-EU 2022 will be revolving around the topic “Perspectives and Challenges in Regenerative Medicine.” This conference will rely on presenting cutting-edge science in cell biology, biomaterials, biofabrication, 3D tissues and organs development, numerical and experimental methods, clinical applications, and many more. The plenary lectures will be complemented by invited keynotes and scientific symposia.

We invite you to participate in creating an exciting conference program. Please submit your ideas for the 2022 TERMIS-EU symposia in all areas of tissue engineering and regenerative medicine.

The deadline to submit your proposal is 22nd November 2021.

The details associated with preparing your symposia proposal can be accessed via the conference website (link below). If you have any questions, please reach out to [TERMIS-EU-2022@pw.edu.pl](mailto:TERMIS-EU-2022@pw.edu.pl).

Soon we will be announcing the call for abstracts. More details to follow.

We rely on you to make the 2022 TERMIS-EU a successful event.

We are looking forward to welcoming you to Krakow in 2022!

Sincerely,  
Wojciech Świążkowski and Zygmunt Pojda

[Call for Symposia Guidelines & Submission Form](#)

---

## TERMIS-EU Lab Tour

Join us on 29th October at 4pm CET for the next virtual lab tour!

Dr Debby Gawlitta, Associate Professor

Department of Oral and Maxillofacial Surgery & Special Dental Care, University Medical Center Utrecht

Regenerative Medicine Center Utrecht (RCU)

Converging engineering, biological and clinical expertise is pushing her innovative research in maxillofacial bone regeneration at the RCU. Recent findings of her lab were supported by an AO start-up grant on endochondral bone regeneration (via a cartilage intermediate) showing great promise for actual clinical implementation of a cell-based cartilaginous tissue construct in bone defect regeneration.

[Register for the Lab Tour](#)

---

## TERMIS-EU Workshop Overview

The 1st virtual TERMIS Workshop on “Cell-matrix Interaction and Mechanobiology in Regenerative Medicine” took place in Brno, the second biggest city in Czech Republic on June 10-11, 2021.

It was hosted by the International Clinical Research of St. Anne's University Hospital Brno with the collaboration of Masaryk University. The workshop was sponsored by two world-leader companies in microscopy, ZEISS and TESCAN, and endorsed by the Embassy of Italy in Prague and the MARIE SKŁODOWSKA-CURIE H2020-MSCA-ITN-2019 SINERGIA.

Unfortunately, due to covid-19 pandemic and the related restrictions, the workshop took place online. The workshop program revolved around the interaction of cells with the surrounding environment and

touched the very interesting and novel topic of the response of cells to mechanical stimuli, mechanobiology.

The online workshop was a great success: it brought together 99 participants from 20 different countries, with a strong representation of students and young scientists.



Figure 1: The team of young scientists from the International Clinical Research Center of St. Anne's University Hospital Brno (FNUSA-ICRC) who were involved in the organization, proudly showing the iconic bag produced to promote the workshop.

The main goal of the workshop was to provide students and young scientists with insights into the novel and growing interdisciplinary field of mechanobiology and its application to regenerative medicine. Moreover, it became a great chance to promote the excellence of TERMIS in front of the Czech community. This was - in fact - the first event organized by TERMIS in the country ever since.

Right after the welcoming address was given by the organizer, Giancarlo Forte from FNUSA-ICRC, TERMIS scientific society was introduced by Heinz Redl from Ludwig Boltzmann Institute (Vienna) and past President of TERMIS EU.

Right after the introductory speeches, scientific presentations from a mix of young and worldly-renowned scientists started, which included Pere Roca-Cusachs from IBEC (Spain), Diana S. Nascimento from ICBAS/i3S/INEB (Portugal), Guido Caluori (LIRYC INSERM) France, Paolo Maiuri (IFOM) and Sirio Dupont (University of Padova, Italy), Carl-Philipp Heisenberg (IST Austria), Oleg Lunov (Czech Academy of Sciences), Giancarlo Forte (FNUSA-ICRC, Czech Republic), Serena Zacchigna (ICGEB, Italy), Valerio Izzi (University of Oulu, Finland), Annalisa Tirella (University of Manchester, UK), and Chiara Arrigoni (Ente Ospedaliero Cantonale, Switzerland). The quality of the presentations was extremely high.

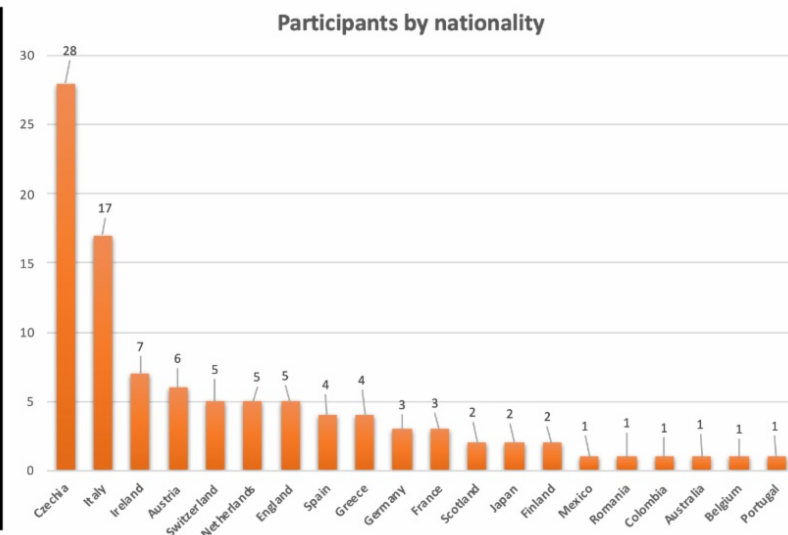
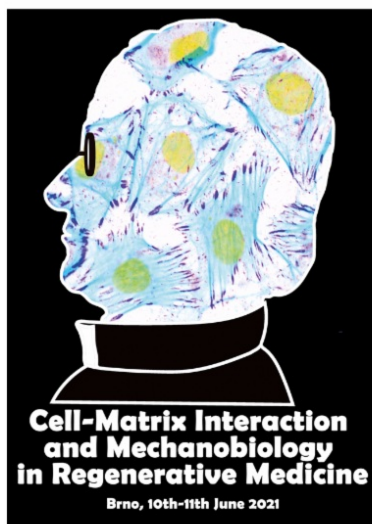


Figure 2: the logo of the virtual TERMIS workshop "cell-matrix interaction and mechanobiology in regenerative medicine" with an elaboration of Gregor Mendel's profile and the number of participants grouped by nationality.

Poster sessions were organized with the aim of giving the possibility to all the young scientists who registered to the workshop to discuss their results in a pre-recorded video (rapid-fire poster presentations) and receive questions from the audience. The discussion ended up to be lively and interactive.

Additionally, sessions with 7 selected talks from the most interesting posters were interspersed in the program and proved extremely effective in showcasing the quality of the studies. All presentations were recorded and made available on an online repository for the registered participants.

Thanks to the contribution of the sponsors, four prizes were awarded to the best rapid-fire poster presentations. The prizes went to three very promising PhD students and one postdoc: Tosca Roncada, from the University of Portsmouth (UK), Annalena Dittmann, from the University of Oulu (Finland), Mazaya Najimina, from the University of Tsukuba (Japan) and Vladimir Vinarsky from FNUSA-ICRC (Czech Republic).

The virtual hands-on sessions organized by ZEISS and TESCAN were equally interesting and extremely appreciated by the audience. This way, regardless of the physical distance, registered participants could learn how volumetric imaging and advanced electron microscopy are pushing the boundaries of cell ultrastructural analysis. More importantly, they could see how these techniques might be of great use in regenerative medicine.

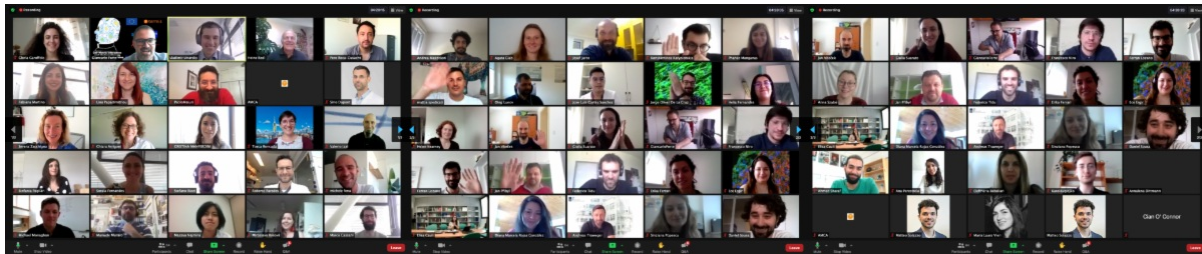


Figure 3: The group picture with the participants of the TERMIS workshop "Cell-matrix interaction and mechanobiology in regenerative medicine".

It was overall a great experience also for the organizers, and, as far as we understood from the enthusiastic comments, the high quality of the talks was highly appreciated from the attendees also.

We hope we will be able to host all of you soon in person in beautiful Brno!

On behalf of the organizers,

Giancarlo Forte

---

---

## Employment Opportunities

We are presently implementing a new tool - job postings e-blasts - to promote career opportunities in our community. We believe that this will significantly help our members in recruitment/job hunting processes as the e-blasts/posts will be seen by a target/specific audience and immediately recognized by candidates that may comply with the requirements of specific job opportunities in the TERM field, all over the world.

As so, all members that have currently job openings are invited to send their post to the TERMIS Executive Administrator to be included in the TERMIS Job e-blasts. These will be simultaneously also advertised through TERMIS social media.

- [Design/Product Engineer at NYU Abu Dhabi](#)
- [Center for Regenerative Medicine at the Abigail Wexner Research Institute at Nationwide Children's Hospital seeks outstanding candidates for recruitment at the assistant, associate, or full professor rank](#)

---

## Meetings Endorsed by TERMIS

The meetings listed on the TERMIS website under Endorsed Meetings have been reviewed and approved by the TERMIS Endorsement Committee. If you are interested in TERMIS promoting your meeting, please complete the Endorsement Request Form.

### Nov 2021

[BIOtech Seminars Series 2021-2022](#)

November 9, 2021, h. 2:30 - 3:30 pm CET

Speaker: prof. Andrés García, Georgia Institute of Technology, with the title Bioengineered Synthetic Hydrogels for Regenerative Medicine. The Seminar will be held online on Zoom platform.

### Dec 2021

[2021 eCM XX: Biofabrication for Orthopaedics](#)

Conference Dates: 3-5 December 2021

Conference Location: Congress Center, Davos, Switzerland

Conference Chair: Prof. Dr. Martin Stoddart, PhD

[View Complete List of Endorsed Meetings](#)

---