



# ASBTE NEWS

AUGUST 2019

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## *From the President ,*

Hello All and Greetings from the Presidency.

I hope you are all keeping well and having a productive year. Where does the time go? I can't believe we are already ½ way through the year!

Since our last newsletter we had our very first ECR workshop and Society Strategy Day held in Sydney on the 4/5 April. Thanks so much to all who attended and participated. From my viewpoint it looked like everyone had a great time and that everyone got a lot out of it. We certainly met new people and discussed lots of important topics. The overwhelming feeling that I was left with after those days was that 1) we have an amazing and dynamic society and 2) there is a lot more we could do to make it even better. As such, the exec committee is working hard on several of the suggestions. We hope to implement a few things this year, and a few more are longer term projects. Thus, keep an on your inbox for exciting opportunities and announcements.

I would also like to remind everyone about the upcoming TERMIS-AP/ABMC meeting on 14-17th October in Brisbane. ASBTE is part of the Asian Biomaterials Federation (which is the ABMC part of the conference). It is looking like a great program with lots of great symposium (many of which are from ASBTE). If you haven't yet registered, I strongly encourage you to register and attend.

At our Society Strategy Day a few of our awards were announced. I would especially like to congratulate our two ASBTE Award winners: Lisbeth Grondahl won the ASBTE Award of Excellence and Jelena Rnjak-Kovacina won the inaugural ASBTE Emerging Investigator Award (yep, that is a brand new, sparkly name for the award). More details on both of these amazing women can be found later in the newsletter.

I would like to extend my congratulations to all of our members who have won awards, earned grants, or otherwise just been all around good people doing great science. Well done to all, keep up the good work.

As always, I love to chat, so you have any ideas or issues that you would like to discuss, please feel free to reach out: @Polymer\_Penny.

**ASBTE NEWS** is a biannual newsletter that covers news from The Australasian Society for Biomaterials & Tissue Engineering. If you have a news item that you wish to be included please contact the editors. Veronica Glattauer ([veronica.glattauer@csiro.au](mailto:veronica.glattauer@csiro.au)) and Anna Waterhouse ([anna.waterhouse@sydney.edu.au](mailto:anna.waterhouse@sydney.edu.au)).

## ASBTE 2019 ECR Day

The Inaugural ASBTE ECR Day was held on the 4th April. This day came about due to their being other meetings in the calendar year that ASBTE would attend, but we still needed to get together in the first half. Sally McArthur and Penny Martens suggest a day focused on our ECRs. We believe that they are our future, and they were well worth investing some time and effort into. As such, we had a few planning sessions, a few focus groups and came up with what became our ECR day. We wanted it to be a mix of career development and research. We took suggestions from our membership on the development topics, and the day was formed. Some of the key highlights are below.

The Inaugural ASBTE ECR Day was attended by 59 people, a mix of PhD students, ECRs and senior academics. 27 scientific posters were presented on the day.

The day kicked off with a lively speed networking event, followed by a presentation by Dr. Martijn Bijker on CV preparation for industry jobs. Martin is the founder of From SCIENCE to PHARMA (FSTP), the world's largest medical science liaison training company. Martin acknowledges that 'The biggest challenge for most (PhDs) students transitioning from academia into a job into (any) industry is writing a CV that shows that you have a good understanding of the role you are applying to and have the capabilities for this role. If you don't get any interviews, you know your CV is not good enough'.



There was then a poster session, followed by roundtable discussions. The roundtable discussions were with experts in the area over lunch. Topics included: getting grants (Prof Martina Stenzel, UNSW), getting published (Prof Justin Cooper-White, UQ), leadership skills (Prof Laura Poole-Warren, UNSW), industry connections (Prof Sally McArthur, Swinburne/CSIRO) and regulatory issues (Lionel King, ex-ResMed).

Following these roundtable discussions, Danielle Neale, Entrepreneur in Residence at UNSW's Faculty of Engineering presented a workshop on 'preparing a pitch'. Danielle has 20 years' experience in entrepreneurship, innovation, and digital transformation - in roles ranging from start-up founder, mentor, consultant, senior manager, director, advocate and board member. She presented on effective ways of communicating research findings to different audiences, using practical, hands-on examples and exercises. Our students and ECRs then had the opportunity to apply what they learned from Danielle and present their own pitch. Congratulations to Charleston Wilson (Swinburne University of Technology) and Muthu Vellayappan (Monash University), winners of the pitching competition.

The official proceedings ended with an informal panel discussion (panel members: Lisbeth Grondahl, Helmut Thissen, and Bryan Coad) on 'what not to do' when it comes to interviewing and presenting, followed by networking drinks and nibbles.



## ASBTE 2019 Strategy Day



The ASBTE strategy day was held 5<sup>th</sup> of April at the UNSW city campus in Sydney. This event was about listening to feedback from our members and involving everyone in forward strategic planning. Before the event, we asked members by email about what areas we should be focussing on, and on the day, we held a vote to determine the top priorities for attending members. In order is a brief summary of our round-table discussions.

### 1. Mentoring / Outreach

It was clear that many of our members, particularly ECRs, felt that mentoring and outreach is a top priority for our society. How do we connect our members and share experiences? Many members would like to see an ECR-focused event as part of our annual conferences

### 2. Promoting Australian / New Zealand Biomaterials

How to best showcase our member's successes and outcomes? What experiences do our members have with peer reviewing biomaterials grants?

### 3. Society Finances

We want to make sure that our members derive good value from their membership fees and we received a lot of great suggestions about what to prioritise.

### 4. Partnerships

Who should we partner with? We had a great discussion about our existing partnerships and possibilities for the future.

### 5. Conferences

We discussed the financial support and planning for future conferences.

### 6. Field of Research Codes

We discussed what FOR codes our members use particularly on grant applications. We also discussed if there was a need to suggest more specific codes or reclassification.

### 7. Name and Logo

We talked about our current name and logo and whether we should update it or keep it the same.

The ASBTE executive committee has now had a chance to discuss all of the member feedback. We will be establishing committees and asking our executive committee, our state, ECR, and HDR representatives, and all of our members to help execute our plans in the coming months and years. Thanks again to everyone who provided feedback and made the day a success. Keep up to date with our member updates and newsletters to see these exciting initiatives put into motion.

*Bryan Coad, Vice-President*

## Annual General Meeting of the Society



The 29<sup>th</sup> Annual General meeting of the Society was held on 5<sup>th</sup> of April, in Sydney during the Student/ECR Symposium and Strategic Planning 2-day workshop. 41 of our members were present. President, Penny Martens briefly went through the Annual report highlighting key activities during the year among those with special mention to the successful 26<sup>th</sup> ASBTE Annual conference held in Perth, Western Australia thanking the conference organisers and ASBTE Award of Research Excellence going to Thilak Gunatillake. New policies and initiatives during the year, ASBTE Data Management regulation, Inclusion, Diversity and Gender Equity policy and an inaugural ECR Award. Executive officer Bryan Coad reported on correspondence received and sent out to members during the year covering many diverse areas from job opportunities, enquiries through the website, travel awards and information on new policies. Jelena Rnjak-Kovacina, Treasurer and Secretary presented the Financial Report for year January-December 2018. A summary by Travis Klein on website and social media presence and content and report on IUSBSE by Lisbeth Grondahl highlighting the process of selecting Fellows and preparation for upcoming 2020 WBC in Glasgow. Justin Cooper-White provided an update on the organisation of the 2019 TERMIS-AP, Asian Biomaterials Congress in Brisbane. Helmut Thissen commenting that this is a great opportunity for the ASBTE and members.

Special guest Darren Saunders, secretary for STA gave a brief presentation about STA and activities.

Elections were held to determine the composition of the 2019 ASBTE committee. Penny Martens was re-elected as president and Bryan Coad was elected as in coming vice-president and leaving the Executive Officer position open with Veronica Glattauer elected into this position. Treasurer Jelena Rnjak-Kovacina was re-elected. The four ordinary member positions were determined by a vote, with Khoon Lim, Travis Klein, Anna Waterhouse and Neil Cameron elected. Following this, the non-elected positions were assigned, State student and ECR representation across States of Australia and New Zealand. A special mention to outgoing vice president Helmut Thissen and huge thank you for his very long service on the Executive committee. He now joins Lisbeth Grondahl as IUSBSE representatives of the ASBTE replacing Justin Cooper-White who was also thanked for his long standing representation.

Award presentations; 'ASBTE Award of Excellence', presented to a member for service to the society and for contributions to the field of biomaterials. The society congratulated Lisbeth Grondahl on winning this award; 'ASBTE Early Career Researcher Award' to recognise the achievements of an ECR member and their future vision for biomaterials research. The society congratulated Jelena Rnjak-Kovacina on winning this award.

Full details of AGM were sent out by Bryan Coad. The Society would like to thank Bryan for his contributions as Executive Office.

*Veronica Glattauer, Executive Officer*



## ASBTE Committee Members



**Penny Martens**  
(President)



**Bryan Coad**  
(Vice-President)



**Veronica Glattauer**  
(Executive Officer)



**Jelena Rnjak-Kovacina**  
(Treasurer)



**Travis Klein**



**Khoon Lim**



**Neil Cameron**



**Anna Waterhouse**

Ordinary members

### International Union of Societies for Biomaterials Science and Engineering (IUSBSE) Delegates

Helmut Thissen

Lisbeth Grondahl

### Science and Technologies Australia (STA) Liaison Officer

Kelly Tsang

### WA State Representative

**Yu Suk Choi, WA**

Senior Lecturer / Future Leader Fellow of Heart Foundation (2010 PhD)

Lab head of Stem cell mechanobiology lab in the School of Human Sciences at the University of Western Australia.

My team is interested in understanding biomechanical interaction between cells and their microenvironment. By presenting various extracellular matrix elasticity (stiffness) to cells (stem, cancer, and cardiac cells), we manipulate cellular mechanotransduction, process cells transduce biomechanical sensation to biochemical signalling. Main focuses of my team currently are 1) expanding our understanding of mechanotransduction from 2D to 3D, 2) developing bioinspired platform with spatiotemporally dynamic stiffness, and 3) investigating intracellular mechanism how cells actually feel the environment.



## 2019/2020 ECR Representatives

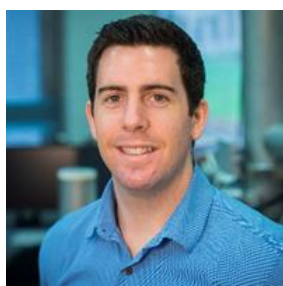


**Natalie Bock, QLD**

I am a NHMRC ECR fellow at the Queensland University of Technology at the Translational Research Institute in Brisbane. My research is about biomimetic model systems using tissue engineering and biofabrication for research in bone biology, bone diseases and bone metastasis. I have expertise in drug delivery, biofabrication, hydrogel and scaffold biomaterials, imaging, and cancer biology.

**Katie Sizeland, NSW**

Current position is Research Program Manager, NSTLI Human Health, ANSTO. My research aims to understand the hierarchical nanostructure of collagen, one of nature's very own building blocks, in biomaterials such as medical scaffolds and heart valve leaflets. Using synchrotron techniques, I can reveal the nanostructure and bio-mechanical response of collagen through simultaneously coupling small angle X-ray scattering measurements with in situ mechanical testing. With this knowledge it is possible to manipulate manufacturing processes to optimise the final properties of the medical material or device. I love working on real world problems and connecting the medical industry with synchrotron science.

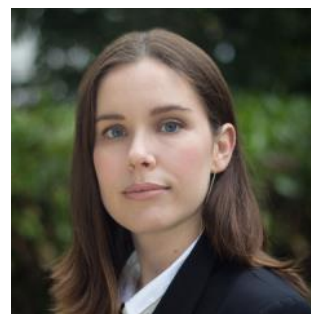


**Nicholas Welch, VIC**

I am a Postdoctoral Fellow at CSIRO in the Biomaterial Interface Chemistry Group. My research focusses on the development of antifibrotic medical devices coatings to mitigate the foreign body response (FBR). The natural host FBR to implanted materials is the major cause of device failure for blood glucose sensors, cell therapies and cochlear implants. Overcoming the FBR will significantly enhance the viability of indwelling devices and make possible an entirely new class of medical devices for the next generation of biosensing

**Amy Gelmi, VIC**

My research focuses on understanding how stem cells respond to external, controlled stimulus so that we can direct stem cell fate for tissue engineering applications. I do this both with using live single cell temporal AFM measurements, coupled with custom fabricated high throughput cell culture devices. I'm currently a Vice Chancellor's Research Fellow at RMIT University, using this fellowship to develop and build the Gelmi Lab.



## 2019/2020 State and ECR Representatives



**Thomas Michl, SA**

Research Fellow (completed PhD in 2015), Vasilev group, School of Engineering / University of South Australia

Plasma polymerization is capable of coating a broad variety of substrates with pinhole-free, nanometer-thin coatings. My research explores how we can use these plasma polymer thin films to change how biological systems interact with a given material. For example, we are looking at ways to prevent microbes colonizing a surface without harming the human cells present, a prerequisite for preventing implant-related infections. Furthermore, we have also coatings that down-regulate inflammation to help chronic wounds heal. Last but not least, I am currently working on an industrial project that is developing selective cell capture of bladder cancer cells to greatly simplify and automate bladder cancer screening from urine.

**Gabi Lindberg, NZ**

Dr. Lindberg is passionate about developing new generation biomaterials, she moved from Sweden to New Zealand to pursue a PhD in biomedical engineering at the University of Otago in between 2014-2017. She later did a two years postdoc and is since this year (2019) working as a research fellow in the Christchurch Regenerative Medicine and Tissue Engineering (CReaTE) Group. She holds a prestigious NZ Health Research Council Emerging Researcher First Grant and has also won several other awards such as the ASBTE best student presentation and University of Otago's integrity award.



Her research is focused on the design of cell-instructive photo-polymerisable bioinks and bioresins that mimics the native architectural organisation and biological niche. In the pursuit of a blueprint to bridge the gap between engineered and native tissues, she specifically strives to apply new technologies to study how cells respond to being the engineers themselves. Her research is part of larger collaborative projects involving both national and international collaborators in the likes of Germany, Netherlands, USA and Australia.

## 2019/2020 Student Representatives

**Argha Chakraborty, SA**

PhD Candidate | University of South Australia

I design and develop anti-infective biomaterials by utilising cutting edge nanotechnology which confers the ability to counter microbial infections with enhanced biocompatibility of biomaterials. Towards generating newer classes of anti-infective biomaterials, a fundamental understanding between the interaction of biomaterial surfaces with organics, such as human tissues and microbial biofilm needs to be established. Therefore, by closely investigating the interplay between biomaterial surface topography and chemistry, my PhD focuses on identifying some critical aspects of biomaterial surface design which can provide a long-term solution to counter biomaterial associated infections. Prior to starting my PhD, I worked as a research and development manager at a food and drug research laboratory in India, mostly overseeing 'bench-to-bedside' regulation and approvals process for new food and drug development.



## 2019/2020 Student Representatives



**Behzad Shiroud Heidari, WA**

I am a first-year PhD candidate at Harry Perkins Institute of Medical Research and University of Western Australia (UWA). I received a Master Degree in Polymer Engineering from the University of Tehran in 2014. I started my PhD journey in VASCLAB by winning the Industrial Transformation Training Centre (ITTC) PhD Scholarship and Science Industry PhD Fellowship in 2018. My PhD project, which is involved in an industrial partnership, is focused on developing different biodegradable scaffolds for tendon and ligament tissue engineering. I am trying to fabricate and functionalise the scaffolds based on the specific properties of the native tissues.

**Trent Brooks-Richards, QLD**

I am in the second year of my PhD with the Biofabrication and Tissue Morphology Group at the Queensland University of Technology. Cardiovascular disease is the most common cause of death and disability, worldwide. With the desire to help improve patient outcomes, I am investigating the use composite biomaterials and additive manufacturing techniques, such as melt electrowriting for applications in the next generation of resorbable vascular polymeric stents, which hold the potential to negate shortcomings seen in metallic devices, such latent vessel closure.



**Naomi Paxton, QLD**

I am a third-year PhD student in the Biofabrication & Tissue Morphology group at QUT. I have a background in physics and completed the dual international biofabrication Masters degree. My PhD research now focusses on developing biomaterials for personalised 3D printed porous surgical implants. I work in collaboration with Anatomics, as part of the ARC Industrial Transformation Training Centre in Additive Biomanufacturing.

**Bradyn Parker, VIC**

My research focuses on the development of a material capable of supporting peripheral nerve regeneration through the combination of surface patterning and biodegradable porous materials. These designs aim to direct regenerating nerves towards their target more efficiently and expand upon the available treatments for trauma victims.

Currently, I am a second year PhD affiliated with Monash University, CSIRO, and ReNerve.





## 2019/2020 Student Representatives



**Jun Li, NZ**

I am a Ph.D. candidate of Christchurch Regenerative Medicine and Tissue Engineering (CReaTE) research group, Otago University.

My research interests include the surface design/modification of 3D printed titanium orthopedic implant for promoting osseointegration between bone and implant, and the delivery of biofilm inhibitor to reduce implant-associated infection. Additionally, I am also investigating the application of 3D bio-printing and bio-assembly to delivery bioactive factors/cells to enhance the coupled vasculogenesis and osteogenesis processes during bone regeneration.

**Rebecca Sehnert, NSW**

I am currently pursuing my PhD at UNSW, studying polymeric biomaterials. Specifically, I am investigating the use of hydrogels for the administration of small molecules that currently cannot be delivered to a target tissue location. For example, nicotinamide mononucleotide is an extremely promising treatment agent for many age related diseases, but currently has no method of controlled and specific targeting. Developing such a system could prove very beneficial in furthering research into these treatments. I am in my second year of my studies, and am excited to serve as a student representative for AS-



## Congratulations: Awards and Grants

**Professor Tony Weiss, University of Sydney**



### Clunies Ross Knowledge Commercialisation Award

Congratulations to Tony for the Clunies Ross Knowledge Commercialisation Award from the Australian Academy of Technology and Engineering.

You can read more about it here:

<https://sydney.edu.au/news-opinion/news/2019/06/13/professor-tony-weiss-wins-prestigious-clunies-ross-award.html>

**Naomi Paxton, Queensland University of Technology**



### New Investigator Grant

Congratulations to PhD student Naomi Paxton, QUT, who was awarded a New Investigator Grant from The Prince Charles Hospital Foundation.

You can read more about it here:

<https://research.qut.edu.au/biofabrication/news/2019/05/02/phd-student-naomi-paxton-awarded-new-investigator-grant-from-the-prince-charles-hospital-foundation/>

## ASBTE Research Excellence Award

**Associate Professor Lisbeth Grondahl—**

**Winner of the ASBTE Research Excellence Award**

CONGRATULATIONS!

The ASBTE Award of Excellence 2019 has been awarded to Associate Professor Lisbeth Grondahl. The award recognises a member of ASBTE who has made a significant contribution to the society and has an outstanding record in developing, maintaining and promoting the goals of the society. Due to her outstanding service to the society and the biomaterials community more generally, Lisbeth has more than deserved this award.



Her service to the society has included serving as President of the ASBTE from 2012 to 2014 and serving as the Conference Chair for the 2015 meeting of the 5th International Symposium on Surfaces and Interfaces for Biomaterials, which was held in conjunction with the 24th Annual Conference of the ASBTE. She is currently representing the ASBTE at an international level as a delegate to the IUSBSE.

Lisbeth and her team-work in the interdisciplinary field of biomaterials science. The work is focused on new biomaterials for use e.g. in bone repair. Her core research expertise ranges from the surface modification of polymers and inorganic particles to the controlled assembly of biopolymers and nanocomposites, and is supported by a comprehensive capability in regard to the characterisation of surfaces, composites and biopolymer assemblies.

Her contributions to the field of biomaterials are also reflected by her biography. Lisbeth holds a position as Associate Professor in the School of Chemistry and Molecular Biosciences at the University of Queensland, Australia and is an Affiliate Principal Research Fellow at the Australian Institute for Bioengineering and Nanotechnology. She received an MSc degree from the University of Copenhagen, Denmark, and PhD jointly with the University of Copenhagen and the Research School of Chemistry of the Australian National University. After completing her PhD degree in 1995 she was an assistant lecturer for two years at the University of Roskilde, Denmark, after which she held various positions as Postdoctoral Fellow at The University of Queensland and the Queensland University of Technology in Australia. She was appointed to a lectureship at The University of Queensland in 2002, promoted to Senior Lecturer in 2006 and to Associate Professor in 2012. She has published more than 100 book chapters and journal research papers and has presented at many national and international conferences related to surface science, biomaterials, and polymer science. She has supervised and graduated 27 Honours, three Masters' and 16 PhD students.

**ASBTE Website** [www.asbte.org](http://www.asbte.org)

Any member wishing to supply news items, links, PhD scholarships, job listings, or other relevant information to the **website** should contact the Travis Klein ([t2.klein@qut.edu.au](mailto:t2.klein@qut.edu.au)).

## ASBTE Emerging Investigator Award

**Dr Jelena Rnjak-Kovacina –**

### **Inaugural winner of the ASBTE Emerging Investigator Award**

Congratulations to our inaugural winner of this award. This award recognises an early career researcher, who has demonstrated outstanding research contributions and potential in regard to a future distinguished career in the field of biomaterials and/or tissue engineering.

Jelena is a most deserving winner, and we are proud to have her as an active member of our society. Her nominators have stated her accomplishments the best, so I include an excerpt here:



*Jelena received her PhD in 2011 from the University of Sydney and her accomplishments are at the interface of biology and engineering, in the multidisciplinary fields of biomaterials and tissue engineering. In particular, she aims to address the critical need for accelerated and enhanced vascularisation of engineered tissues and develops novel biomaterials for the treatment of cardiovascular disease, including vascular grafts and cardiac patches. She authored 48 peer-reviewed publications (35 journal papers, 10 conference proceedings and 3 book chapters), 33 of which were published since she joined UNSW in 2014, demonstrating her capacity for independent research and leadership. Her work has been cited 1316 times and her h-index is 20 (Scopus), an outstanding achievement for her career stage.*

Her commitment to her research is matched by her commitment to our society. Jelena has been a long-term member of our society. She first attended our meetings in 2007 at Mt Eliza and has been a loyal member ever since. She even joined the Executive in 2017 in the role of Treasurer.

I am sure everyone will join me in congratulating Jelena and wishing her every success in her future career.

Congrats Jelena!

### **ASBTE on LinkedIn**



**The ASBTE group on LinkedIn provides the latest news and discussions for society members.** If you are a LinkedIn member, search for “ASBTE - The Australasian Society for Biomaterials and Tissue Engineering” in groups and request to join the group. Or type in the following web address: [www.linkedin.com/groups?home=&gid=6512061](http://www.linkedin.com/groups?home=&gid=6512061)

If you are not a member of LinkedIn, start by registering today. It's free! [au.linkedin.com](http://au.linkedin.com)

## Biomimetics in Bioengineering

### BIOMIMETICS IN BIOENGINEERING CONFERENCE 2019

4-6 AUGUST 2019 BRISBANE, AUSTRALIA

#### LAST CHANCE TO REGISTER!

Don't miss your chance to develop research and cultivate new ideas with global colleagues and leaders in the industry! Visit the website now!

- 9** Global keynote speakers
- 25+** Unique plenary presenters
- 20** Rapid fire sessions
- 80+** Interactive posters
- 1** Diverse, global program!

#### FACES OF BIOMIMETICS 2019



Professor  
Frank  
Caruso



Professor  
Chris Chen



Professor  
Thomas  
Clemens



Professor  
Peter Fratzl



Assoc Prof  
Sarah  
Heilshorn



Professor  
Melissa Little



Professor  
Alan Rowan



Dr Anna  
Waterhouse



Winthrop Prof  
Fiona Wood

#### VISIT THE WEBSITE TO REGISTER

For more information:

**W:** [biomimeticsinbioengineering.com](http://biomimeticsinbioengineering.com)

**E:** [biomimetics@qut.edu.au](mailto:biomimetics@qut.edu.au)

*Biomimetics*  
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## TERMIS-AP &amp; ABMC7 2019

## EXCLUSIVE DISCOUNT FOR ASBTE MEMBERS

Save up to **A\$430** when registering before 14 August 2019

Use promo code **ASBTE** (for members) or **ASBTESTU** (for student members)

Visit [termis.org/ap2019-register](https://www.termis.org/ap2019-register) and secure your exclusive rate today!

Note the discount applies until **11:59pm 14 August 2019 AEST**; regular registration rate and regular student rate will apply thereafter.

*You will be required to upload a copy of your ASBTE renewal and student confirmation during registration (if applicable)*

JOIN US IN  
BRISBANE

14 - 17  
October 2019

[www.termis.org/ap2019](https://www.termis.org/ap2019)



Tissue Engineering & Regenerative Medicine  
International Society – AP Chapter and  
the 7th Asian Biomaterials Congress

**14 – 17 OCTOBER 2019**  
Brisbane Convention & Exhibition Centre,  
AUSTRALIA

**termis**  
TERMIS-AP 2019


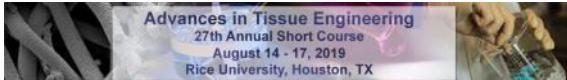






**ASBTE**

**ABMC7**

<https://www.termis.org/ap2019>





## Spotlight on Conferences

Please check the Web to get further information and also details on due dates

CONFERENCE	DATES	LOCATION	WEBSITE
 <p><b>Biomimicry in Bioengineering, Nature Conference</b></p>	August 4-6, 2019	Brisbane, QLD	<a href="https://www.biomimeticsinbioengineering.com/">https:// www.biomimeticsinbioen gineering.com/</a>
 <p><b>Advances in Tissue engineering Short Course</b></p>	August 14-17, 2019	Rice Universi- ty, Houston, TX, USA	<a href="http://tissue.rice.edu/">http://tissue.rice.edu/</a>
 <p><b>TERMIS EU Workshop: 3D bioprinting in cancer research</b></p>	August 26-27, 2019	Nantes, France	<a href="https://www.workshop-termis.eu/">https://www.workshop- termis.eu/</a>
 <p><b>Surfaces in Biomaterials Foundation Biointerface Workshop &amp; Symposium</b></p>	September 4-6, 2019	Utah, USA	<a href="https://www.surfaces.org/page/BioInterface2019">https:// www.surfaces.org/page/ BioInterface2019</a>
 <p><b>International Conference on Biofabrication for Tissue Engineering (ICBTE)</b></p>	September 5-9, 2019	Prague, Czechia	<a href="https://waset.org/conference/2019/09/prague/ICBTE">https://waset.org/ conference/2019/09/ prague/ICBTE</a>
 <p><b>30th Annual European Biomaterials Society</b></p>	September 9-13, 2019	Dresden, Ger- many	<a href="http://www.esbiomaterials.eu/">http:// www.esbiomaterials.eu/</a>
 <p><b>International Conference on Materials Science and Engineering</b></p>	September 16-17, 2019	Melbourne, Australia	<a href="https://www.materialsconferenc eaustralia.com/">https:// www.materialsconferenc eaustralia.com/</a>
 <p><b>TERMIS AP &amp; ABMC7</b></p>	October 14-17, 2019	Brisbane, QLD	<a href="https://www.termis.org/ap2019">https://www.termis.org/ ap2019</a>









## Spotlight on Conferences

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CONFERENCE	DATES	LOCATION	WEBSITE
 <p><b>International Conference on Tissue Repair and Regenerative Medicine</b></p>	November 7-8, 2019	Melbourne, VIC	<a href="http://tissuerepair.alliedacademies.com/">http://tissuerepair.alliedacademies.com/</a>
 <p><b>International Conference on Biomaterials, Bioengineering and Bioinformatics</b></p>	November 18-19, 2019	Rome, Italy	<a href="http://bioengineering.alliedacademies.com/">http://bioengineering.alliedacademies.com/</a>
 <p><b>8<sup>th</sup> India-Australia joint BiTerm Meeting</b></p>	November 28 – December 1, 2019	Kanpur, India	<a href="http://bioterm2019.org/">http://bioterm2019.org/</a>
 <p><b>ICBN 2019: 3rd International Conference on Nanomaterials and Biomaterials</b></p>	December 2-4, 2019	Lisbon, Portugal	<a href="http://www.icnb.org/">http://www.icnb.org/</a>
 <p><b>2019 TERMIS-AM Conference</b></p>	December 2-5, 2019	Orlando, FL	<a href="https://www.termis.org/am2019/index.php">https://www.termis.org/am2019/index.php</a>
 <p><b>4th Conference on Tissue Engineering and Regenerative Medicine (CTERM-BT)</b></p>	December 13-15, 2019	Bangkok, Thailand	<a href="http://www.janconf.org/conference/CTERM-BT2019/">http://www.janconf.org/conference/CTERM-BT2019/</a>
 <p><b>3rd International Conference on Mechanics of Biomaterials and Tissues</b></p>	Feb 19-20, 2020	Hawaii, USA	<a href="https://www.elsevier.com/events/conferences/international-conference-on-mechanics-of-biomaterials-and-tissues">https://www.elsevier.com/events/conferences/international-conference-on-mechanics-of-biomaterials-and-tissues</a>



## Spotlight on Conferences

CONFERENCE	DATES	LOCATION	WEBSITE
 <p><b>International Conference on Biomaterials Engineering</b></p>	April 23-24, 2020	Kyoto, Japan	<a href="https://waset.org/conference/2020/04/kyoto/ICBE">https://waset.org/conference/2020/04/kyoto/ICBE</a>
 <p><b>5th International Congress on Biomaterials &amp; Biosensors</b></p>	April 23-29, 2020	Oludeniz, Turkey	<a href="http://www.biomatsencongress.org/">http://www.biomatsencongress.org/</a>
 <p><b>2nd Global Congress &amp; Expo on Biomaterials</b></p>	May 11-12, 2020	Manchester, UK	<a href="https://scientificfederation.com/biomaterials-2020/">https://scientificfederation.com/biomaterials-2020/</a>
 <p><b>11th World Biomaterials Congress, 2020</b></p>	May 19-24, 2020	Glasgow, UK	<a href="http://www.wbc2020.org">www.wbc2020.org</a>
 <p><b>2020 TERMIS-EU Conference</b></p>	May 26-29, 2020	Manchester, UK	<a href="https://www.termis.org/sites/default/files/termis-eu2020-savethedate.png">https://www.termis.org/sites/default/files/termis-eu2020-savethedate.png</a>
 <p><b>Gordon Research Conference – Bioinspired Materials</b></p>	June 7-12, 2020	Les Diablerets CH, Switzerland	<a href="https://www.grc.org/bioinspired-materials-conference/2020/">https://www.grc.org/bioinspired-materials-conference/2020/</a>
 <p><b>Gordon Research Conference – Biointerface Science</b></p>	June 14-12, 2020	Lucca, Italy	<a href="https://www.grc.org/biointerface-science-conference/2020/">https://www.grc.org/biointerface-science-conference/2020/</a>
 <p><b>ICTERM 2020: International Conference on Tissue Engineering and Regenerative Medicine</b></p>	July 20-21, 2020	Paris, France	<a href="https://waset.org/conference/2020/07/paris/ICTERM">https://waset.org/conference/2020/07/paris/ICTERM</a>