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From the President ,

First of all, I would like to thank all of you for giving me the opportunity to serve as a member of a great ASBTE committee. In return, I will do my best to fill the enormous shoes that Tim Woodfield, our previous ASBTE president, has left behind. At this point in time, several of our committee members are focused on organising the ASBTE conference 2017 (see more information in this newsletter) which I am sure will be another legendary opportunity to hear about excellent science, to network and to socialise!

Over the next year, our new committee will initiate several new activities that are designed to involve even more Biomaterials and Tissue Engineering enthusiasts in the activities of our society and to help our student and early career researcher members engage more effectively. However, I am sure that many of you will have additional ideas what we can do better as a society. Therefore, if you have any such ideas, please contact either the secretary (bryan.coad@unisa.edu.au) or myself (helmut.thissen@csiro.au) and we will look at these in detail.

With kind regards

Helmut

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.

Society Business

Annual General Meeting of the Society



IUSBSE Delegates addressing AGM

The Society's Annual General Meeting (AGM) was held during the World Biomaterials Congress in Montreal May 19th. Review of the past year was discussed in particular, Awards given for Lab visits and Conference Travel for young investigators and students, Budgetary update and report from our International Union of Societies for Biomaterials Science and Engineering (IUSBSE) members, Laura Poole-Warren and Justin Cooper-White. Special mention and gratitude was made to the great efforts of the committee involved in the ASBTE bid for the 2024 World Biomaterials Congress. This bid was unsuccessful with Korea awarded

the congress in 2024. A new ASBTE committee

(see below) was elected at the AGM. In addition, Lisbeth Grøndahl and Justin Cooper-White were confirmed as delegates to the IUSBSE, while Steffen Cosson was confirmed as delegate to the advocacy body Science & Technology Australia (STA). Student Representatives who volunteered were Brooke Pereira (VIC), Kiara Bruggeman (ACT), Alex Patton (NSW), Nendar Herdianto (QLD) and Stephanie Lamont-Friedrich. The next AGM will be held in at the next Annual Meeting to be held in Canberra April 18-20th 2017.

Introducing this year's ASBTE committee



Helmut Thissen (President)



Tim Woodfield (Vice-President)



Bryan Coad (Executive Officer)



Penny Martens (Treasurer)



Veronica Glattauer



Travis Klein



David Nisbet



Tony Weiss

Ordinary members

Congratulations, New FBSE Fellows



Lisbeth Grøndahl



Keith McLean



Tony Weiss

CONGRATULATIONS to Lisbeth Grøndahl, Keith McLean and Tony Weiss, who were awarded the honorary status of "Fellow, Biomaterials Science and Engineering" (FBSE) at the recent World Biomaterials Congress in Montreal. The Fellows are considered highly accomplished members and role models in the field of biomaterials science and engineering. The honorary status of FBSE was established in 1992 after the constituent biomaterials societies of the World Biomaterials Congress, now the IUSBSE, recognised the need for the public recognition of those of their members who have gained a status of excellent professional standing and high achievements in the field of biomaterials science and engineering.

A/Prof. Lisbeth Grøndahl

Lisbeth Grøndahl is currently an Associate Professor in the School of Chemistry & Molecular Biosciences at the University of Queensland. After completing her PhD degree at the University of Copenhagen, Denmark, she was an assistant lecturer at the University of Roskilde, Denmark, from 1995 to 1997 followed by positions as Postdoctoral Fellow at The University of Queensland and Queensland University of Technology. After being appointed as lecturer at The University of Queensland in 2002 she was promoted to Senior Lecturer in 2006 and to Associate Professor in 2012. Her research group has a clear focus on biomaterials science, particularly on bone repair and regeneration. Apart from her significant scientific contributions, she also stands out due to her contributions to the ASBTE in the role of executive committee member and society president.

Dr. Keith McLean

Keith McLean is currently the Director of the CSIRO Manufacturing business unit, with responsibility for more than 400 scientists working in chemical, biomedical and advanced manufacturing. After completing his PhD degree at the University of Aberdeen, UK, he undertook postdoctoral research in Scotland and New Zealand before joining CSIRO in 1989. Here, he focused on research in ophthalmic biomaterials before becoming Research Director for Biomedical Materials and Devices in 2006 and Director of CSIRO Manufacturing in 2014. Apart from his successful translational work with many commercial partners, he has been responsible for several spin-out companies. In addition, his service to the field of Biomaterials and Tissue Engineering stands out, exemplified by his previous roles as secretary and president of the ASBTE and his current role as secretary of the IUSBSE.

Prof. Tony Weiss

Tony Weiss is currently Professor of Biochemistry & Molecular Biotechnology at the University of Sydney. His research group at the University of Sydney is leading research internationally related to tropoelastin and synthetic elastin biomaterials. Many other societies have recognised his scientific contributions before, and his FBSE will join his FTSE, FRSC, FRACI, FRSA, FAIMBE and FAICD fellowships. This recognition, which is also reflected by an ASBTE Research Excellence Award, is not only due to his scientific contributions, but also to the fact that he is a prolific inventor and biotech company founder. His service to the field of Biomaterials and Tissue Engineering also stands out, exemplified by editorial board memberships for journals such as ACS Biomaterials Science and Engineering, Biomacromolecules, Biomaterials, Biomedical Materials, BioNanoScience and Tissue Engineering, his election to the Governing Board of TERMIS and his election as executive committee member of the ASBTE.

ASBTE Award of Research Excellence winner – Hans Griesser



Professor Hans Griesser



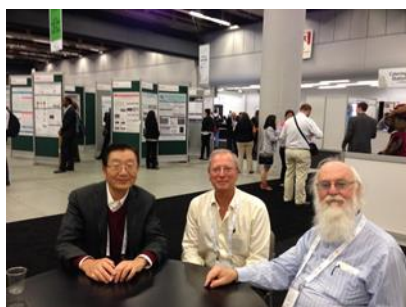
Helmut Thissen accepting the award on behalf of Hans Griesser from Tim Woodfield (picture: Bryan Coad) at WBC 2016

CONGRATULATIONS to Professor Hans Griesser (University of South Australia) who was awarded the prestigious 2016 ASBTE Award for Research Excellence. The award recognizes a society member who has made a significant contribution to the discipline of biomaterials and tissue engineering. The award specifically recognises leading scientists, researchers and innovators who have demonstrated: excellence in research publication, outputs and citations; an international reputation in the discipline evidenced by fellowships, invited contributions, editorial membership, awards and professional/commercial/advisory panel positions; excellence in development and commercialisation of research and innovation; and excellence in research and/or commercial leadership, mentorship and teaching. The ASBTE Award for Research Excellence is presented bi-annually. The 2016 award was announced at the World Biomaterials Congress in Montreal, Canada in May 2016.

Born in Switzerland, Prof. Griesser studied science at the Swiss Federal Institute of Technology (ETH), Zürich, obtaining a Diploma in Chemistry and Secondary Schools Science Teacher's qualifications. After pursuing PhD studies in molecular spectroscopy at the ETH Zurich, Prof. Griesser moved to Australia and spent almost five years with the Research Laboratory of Kodak Australasia where he combined spectroscopy and surface science skills to develop novel polymer surface treatments and vacuum-coated thin films for non-photographic applications. He then joined CSIRO in 1987, where he continued research on surface modification and thin film coating processes, and surface analysis methods. This work led to the establishment of a research group with a particularly focus on the development of novel biomaterial surfaces and coatings (including contact lenses), and for achieving adhesive bonding of polymers. Prof Griesser joined the University of South Australia in 2002, where he has continued to conduct research on surfaces and coatings, with a particular focus on biointerfaces.

He has made outstanding contributions across all of the categories that were assessed, exemplified by more than 250 published journal articles, more than 7,000 citations and key contributions to the development of successful commercial biomedical products, including the CibaVision 30-day extended-wear contact lens, which has revolutionised the contact lens market. His interdisciplinary research in surface science, surface analysis, biofouling and coatings for biomedical applications has also resulted in an international reputation as a true leader in the field of biomaterials, reflected by multiple awards, such as the CSIRO Medal for Research Commercialization (2002) and the CSIRO Medal for Research Excellence (2009), his election as President of the Australasian Society for Biomaterials (ASB) (2000, 2001, 2003) and his election as Fellow of the International Union of Biomaterials Science and Engineering (IUSBSE) (2004). Last not least, he is widely recognised as an excellent mentor and teacher, who has had a strong influence on the next generation of scientists in the field of biomaterials and tissue engineering.

World Biomaterials Congress 2016– Montreal



World Biomaterials Congress 2016– Montreal

Snapshot Reports from Conference Travel Awardees

The World Biomaterial Congress in Montreal in May 2016 was the largest gathering of researchers in the field to date. Over 4000 attendees from a multitude of disciplines and from all across the globe have attended to network, share ideas and expand their horizon. Personally, I was initially worried about the size of the conference; would it be a hindrance to meet new colleagues? Thanks to the organization though, the opposite turned out to be true, as there was a social program almost every day after the daily program. Networking during the conference days was also facilitated, the general atmosphere had somewhat of a “Déjà vu” in a good sense, as the common topic amalgamated all participants and nobody you met really felt to be a stranger. Furthermore, the atmosphere also helped to break down hierarchies, hence one had the chance to freely talk to researchers of all age, gender, position and origin. In summary I can honestly say that it was the best and most productive conference I personally have been to so far.

Dr. Thomas D. Michl

Having returned from the world biomaterials congress (WBC) in Montreal, Canada, I want to thank the ASBTE association for the generous 700 dollar travel grant. The experience was truly enlightening and enjoyable. I was able to strengthen the collaborative ties I have started on, being able to discuss science with my colleagues from both the UMC, Utrecht and FMZ, Würzburg and help move the current collaborative projects forward. I was also able to get a snap shot of the current trends in my field of research. At the conference, I i the Bioinspired materials and devices for regenerative medicine session and was able to get good feed-back from other researchers in that field. Beyond presenting, I appreciated listening to other scientists from around the world. I am excited to share what I have learned from these sessions with my colleagues back here in Australasia. Overall, the conference provided an ideal venue for both professional and personal development in many ways. I hope to continue within this field of science and explore future conference opportunities. Thank you again for the generous travel award that made it possible for me to attend the WBC.

Gabriella Brown

My research titled “Evaluation of the In Vivo Fate of Ultrapure Alginate in Mice Model” was selected for the poster presentation in the World Biomaterial Congress, Montreal, QC, Canada, May 2016. Of course it was a great conference in the Biomaterial field and I had a wonderful opportunity to learn and update my knowledge in the biomaterial science. Also the poster sessions were well exposed and I got a lot of opportunities to talk and discuss my research with experts in the Academia as well as the Industrial avenues. As a result of the networking through this event, I and our group are trying to explore some collaboration from people in the industry avenue that we got out through this conference. I am really thankful to ASBTE for supporting my conference travel through an ASBTE travel award.

Anitha Sudheesh Kumar

ASBTE Website 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 Executive Officer (Bryan.Coad@unisa.edu.au)

2016/2017 Student Reps

I'm currently finishing up my PhD (fingers crossed) at the Australian National University, working under the supervision of Dr. David Nisbet. I've been developing controlled drug delivery systems out of hydrogel tissue engineering materials, specifically for applications in nervous tissue regeneration. This is my second year with the ASBTE, and after great experiences at the 2015 ISSIB/ASBTE and 2016 WBC conferences I'm looking forward to the ASBTE conference coming to Canberra soon. You can contact me at kiara.bruggeman@anu.edu.au.



ACT: Kiara Bruggeman



VIC: Brooke Pereira

My name is Brooke Pereira and I am a second-year PhD student in the Prostate Cancer Research Group at Monash University, within the Biomedicine Discovery Institute and Department of Anatomy and Developmental Biology. My lab, led by Prof Gail Risbridger, is a large multidisciplinary group which focuses on all areas of prostate research. For my undergraduate studies, I did a double degree in Materials Engineering and Science at Monash University. These studies led to my PhD project, where I am using melt electrospin scaffolds, developed by Prof. Dietmar Hutmacher and his team at QUT, to model the prostatic tumour microenvironment in 3D. I have been a member of the ASBTE since 2015 and have been fortunate enough to attend the 2015 ISSIB/ASBTE Annual Conference and 2016 World Biomaterials Congress, in part due to receiving a generous travel grant from the society. As the student representative for Victoria, I hope I can help promote the ASBTE and advocate for biomaterials research in Australia. Contact me at brooke.pereira@monash.edu.

Hi! My name is Nendar. I am a second-year PhD student at School of Chemistry and Molecular Bioscience, the University of Queensland. I have joined ASBTE since early 2015, and the ISSIB 2015 is my first involvement with ASBTE. I found a great experience by joining the conference. I was so amazed by the most recent development in biomaterials, a research area that I have been doing since years ago, shown in the conference. And, 2 months ago, I was also involved in the WBC 2016 in Montreal, where I got a travel award from ASBTE. It is even a much greater experience! I am so enthusiastic being involved in ASBTE and hope will find more great experiences ahead. Contact me at n.herdianto@uq.edu.au.



QLD: Nendar Herdianto

Student Representatives (continued)

Alex Patton obtained his B.Eng (R&D) from the Australian National University, Canberra, in 2011. Following this he spent 2 years working in engineering consulting. He will complete his Ph.D. in 2017 under the supervision of Prof. Laura Poole-Warren at the University of New South Wales, Sydney. During his time with the biosynthetic polymers group at GSBmE he has worked on projects dealing with conducting polymers, specifically PEDOT, and the development of soft freestanding electrodes for use in cardiac patches. In particular, Alex focuses on the nucleation of conducting polymer within hydrogel networks using conducting polymer seeding and electrodeposition. Contact him at a.patton@unsw.edu.au.



NSW: Alex Patton



SA: Stephanie Lamont-Friedrich

It has been a fun and exciting year so far. I started my PhD in February and can't believe how quickly the time has gone. I'm having a great time and have already learnt a lot. I have been lucky to stay with the same group that I completed my Honour's degree with (Coad Laboratories, Future Industries Institute, University of South Australia). I am great friends with all of my group members, and am learning a lot from everyone. I was recently sent to the Australian Society for Microbiology conference in Perth, where I presented a poster and my first Three Minute Thesis presentation on novel chlorine surface coatings and their antifungal activity against different *Candida* spp. This was very challenging but also a great experience. I was also lucky enough to be one of two people to be sent by ASBTE to 'Science meets Business' in Melbourne in a few months time. I am really looking forward to this. I am currently doing a lot of literature reading and drafting my Research Proposal, which is due in around one months time. I am looking forward to seeing what the rest of my first PhD year has to offer. If you have any questions or want to know anything more about things I've mentioned, please feel free contact me: lamsj005@mymail.unisa.edu.au.

ASBTE

Student Opportunities

Check out the opportunities available for students in the ASBTE:

Lab Travel Awards: The ASBTE will fund one or more Travel Grants of up to a total of \$4,000 for international or local travel during 2017 for postgraduate research students and early-career researchers.

Conference Travel Awards: The ASBTE will fund conference travel awards to assist selected postgraduate research students and early-career researchers.

Job Hunting: The ASBTE is a great networking opportunity, and also provides information about current research position opportunities.

Spotlight on Science

NHMRC-Marshall and Warren Award , Justin Cooper-White



Australian Government

National Health and Medical Research Council



Professor Justin Cooper-White (left) with fellow award winners
Dr Joseph Powell and Professor Kirill Alexandrov (University of Queensland)
<https://www.uq.edu.au/news/article/2016/07/uq-shines-research-awards>

Congratulations to Professor Justin Cooper-White, who has been recognised by the National Health and Medical Research Council (NHMRC) at the Research Excellence Awards in Canberra. He was awarded the **Marshall and Warren Award** for the most innovative and potentially transformative grant from the 2015 project grants funding round. This award reflects the outstanding nature of Prof. Cooper-White's research contributions at the University of Queensland [Australian Institute for Bioengineering and Nanotechnology](#) (AIBN). His project, *Direct reprogramming of adult cardiac fibroblasts to functional cardiomyocytes through targeted delivery*, aims to restore damaged heart tissue to a functional state following injury. "Current therapies have limited abilities to repair damaged heart tissue, but reprogramming cardiac fibroblasts could restore healthy function for survivors of heart disease," Prof. Cooper-White said. The proposal was developed with UQ [School of Biomedical Sciences](#) [Dr Enzo Porello](#) and AIBN's [Professor Ernst Wolvetang](#).

Prof. Justin Cooper-White of course has been a strong supporter of the ASBTE for many years, reflected by his current position as IUSBSE representative of the ASBTE and his former role as president of the ASBTE.

ASBTE on LinkedIn

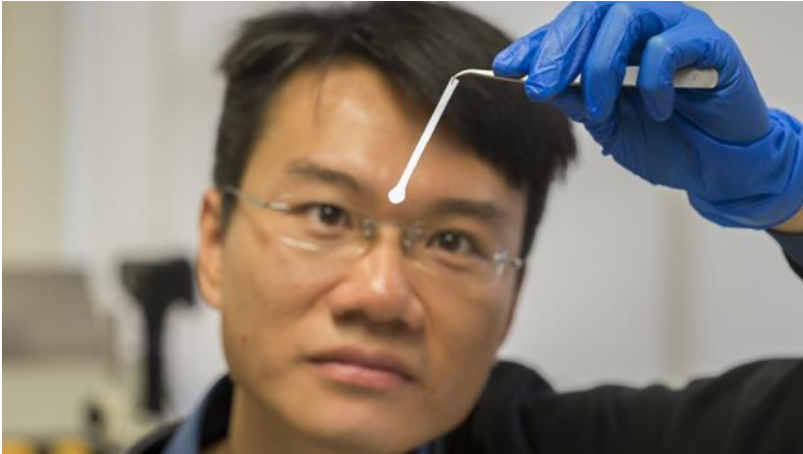


The ASBTE group on LinkedIn provides the latest news and discussions for society members. If you are a LinkedIn member, search for "ASBTE - The Australasian Society for Biomaterials and Tissue Engineering" in groups and request to join the group. Or type in the following web address: www.linkedin.com/groups?home=&gid=6512061

If you are not a member of LinkedIn, start by registering today. It's free! au.linkedin.com

Spotlight on Science

Scientists make a self-folding straw



William Wong (Image Stuart Hay, ANU)

<http://www.anu.edu.au/news/all-news/scientists-make-a-self-folding-straw#overlay-context=news/all-news/scientists-make-a-self-folding-straw>

Scientists at The Australian National University (ANU) have made a new material which folds itself into a straw-like tube when it comes into contact with water, and then propels the liquid through the tube. The new material can be used to easily create cheap fluid distribution systems that could be used for medical sample analysis, biological sensors or micro-robotics. Lead researchers William Wong and Associate Professor Antonio Tricoli

said the paper-like material can respond to a small water droplet by folding in a tube several centimetres long. The water then moves through the tube. "If we place a drop of water at one end, the material will curl into a tube, delivering the liquid up to 15 centimetres away," said Mr Wong, from the ANU Research School of Engineering. "This enables a rapid self-assembly of complex shapes, such as bent, curved and splitting channels, that are a building block for micro-fluidic systems."

Previous studies have harnessed surface tension to fold materials into origami shapes such as tiny cubes or pyramids, but this is the first to use the effect for a tube of several centimetres. The team at the Nanotechnology Research Laboratory of the Research School of Engineering found that the channelled water could even navigate challenging shapes such as T-intersections, forks and curves. The ability to control and direct the flow of tiny amounts of liquid will be useful where there are inherent dangers to humans, such as highly reactive environments or with bio sensors of infectious diseases. The material is cheap and the manufacturing process is non-toxic and will scale well to industrial levels.

Co-researcher Dr Dave Nisbet, from the ANU Research School of Engineering, said the material was also compatible with living tissue. "Because it is safe this could be used for cheap sensors to diagnose cancer and other diseases. It will be really important for biology," Dr Nisbet said.

The material is made of two thin layers of nanofibres sandwiched together. The top functional layer, made of polycaprolactone nanofibres, is the water-responsive energy-dense component (superhydrophilic), which draws the material up around the water droplet. The bottom layer is made of microfibrils of polyvinylchloride (PVC) which is strongly water repellent (superhydrophobic) and prevents the water from escaping once the material has rolled into a tube.

Associate Professor Tricoli, the research group leader, said the folding motion could also be used to move limbs that are attached, similar to the way the fronds of the Asian Mimosa plant close up when touched.

"We can make the material roll up with water, and then unroll again by adding ethanol. This gives us chemically activated movement, that could be really useful in biological sensors and actuators," Associate Professor Tricoli said.

The research is published in *Science Advances* (<http://advances.sciencemag.org/content/2/6/e1600417>).

Science Meets Parliament



Athena Brunt and Senator James McGrath

PhD candidate, Athena Brunt, travelled to Canberra in March to represent the Australian Society for Biomaterials and Tissue Engineering at the 16th *Annual Science Meets Parliament*. The forum brought together 200 scientists from across Australia, with the country's leading policy makers, journalists and parliamentarians. Athena learnt vital skills in building collaborations and driving policy development and implementation. Athena met one-on-one with Senator James McGrath, Assistant Minister to the Prime Minister, and Senator Barry O'Sullivan, the Nationals Whip in the Senate, to discuss the Government's National Innovation and Science Agenda, and

the importance of international collaboration and support for early career researchers, which she was able to demonstrate through her own research, having recently returned from her fellowship at the Institut national de la santé et de la recherche médicale (INSERM) UMR 1033 in Lyon, France. These experiences and new professional relationships will allow Athena to drive public engagement with researchers, and contribute to policy development in the future.



To assist us with planning we are calling on,

Speakers,

Suggestions for distinguished international speakers who would increase the scope and impact of the conference and to inspire and engage the community.

We are particularly interested in attracting leading researchers who may be currently (or interested in) visiting Australia at that time, and who would enhance the program with a plenary or keynote presentation.

Sponsors,

If you would like to sponsor or have contacts to support this conference, we have a wide range of opportunities,

Please contact Clive McFarland from Small Talk Events, clive@smalltalkevents.com.au

Spotlight on Conferences

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

CONFERENCE	DATES	LOCATION	WEBSITE
 9th Latin American Congress on Artificial Organs	August 24-27, 2016	Foz do Iguaçu, Brazil	http://www.colaob.com.br/us/9-congresso-latino-americano-de-orgaos-artificiais-e-biomateriais.php
  termis®	September 3-7, 2016	Tamsui Town of New Taipei City	http://www.termis.org/ap2016/
 APA International Conference on Advanced Polymers, Biomaterials, Bioengineering & Nano Drug Delivery APA Conference: Advanced Polymers, Bio-	September 5 – 7, 2016	Flic-En-Flac, Mauritius	http://www.apa2016.com/welcome.html
 The 6th Thesinge biofilm meeting	September 12-13, 2016	Thesinge, near Groningen, The Netherlands	http://www.rug.nl/research/biomaterials/6ththesingebiofilmmeeting/?lang=en
 MedTex16 - Medical Textiles & Healthcare	September 13- 14, 2016	Raleigh, NC, USA	https://sites.textiles.ncsu.edu/medtex/
 FILK Forschungsinstitut Leder und Kunststoffbahnen 6th Freiberg Collagen Symposium	September, 14 - 15, 2016,	Freiberg, Germany	https://www.dgbm.org/fileadmin/user_upload/medien/veranstaltungen/2016_CollagenSymposium_Programme2016.pdf
 International Conference on Nanomedicine and Nanobiotechnology	September 28 -30, 2016	Paris	http://premc.org/iconan2016/
 한국생체재료학회 The Korean Society for Biomaterials Biomaterials Society Conference - 20 years Anniversary	September 29 – 30, 2016	Korea Institute of Science and Technology	https://translate.google.com.au/translate?hl=en&sl=ko&u=http://www.ksbm.or.kr/&prev=search

Spotlight on Conferences

 <p>Deutsche Gesellschaft für Biomaterialien e. V. (DGBM)</p>	September 29 –October 1, 2016	Aachen	https://www.dgbm.org/153.html
 <p>NEW JERSEY CENTER FOR BIOMATERIALS</p> <p>Symposium on Biomaterials Science, New Jersey Center for Biomaterials, Rutgers University</p>	October 9-11, 2016	Heldrich Hotel, New Brunswick, NJ	http://www.njbiomaterials.org/biomaterials-symposia.htm
 <p>25th Conference on Biomaterials in Medicine and Veterinary Medicine</p>	October 13-16, 2016	Rytro, Poland	http://www.biomat.agh.edu.pl/
 <p>BioMaH - Biomaterials for Healthcare</p>	October 17-20, 2016	Rome, Italy	https://biomah.ism.cnr.it/?lang=en
 <p>International Conference on New Advances in Probing Cell-Extracellular Matrix Interactions</p>	October 20-21, 2016	Berlin, Germany	http://www.nanoge.org/CellMatrix/index.php
 <p>Bioceramics 28</p>	October 18-20, 2016	Charlotte, NC	www.bioceramics28.com
 <p>Biomaterials International 2016</p>	Oct 30 – Nov 3, 2016	Kenting, Taiwan	http://www.biomaterials.tw
 <p>Japanese Society for Biomaterials 日本バイオマテリアル学会</p>	November 21 – 22, 2016	Fukuoka Congress Center	http://www.kokuhoken.jp/jsb2016/
 <p>2016 TERMIS-AM Conference</p>	December 11-16, 2016	San Diego, CA	http://www.termis.org/chapters_am.php

Spotlight on Conferences





And some Meetings for next year, 2017:

 Scandinavian Society for Biomaterials Scandinavian Society for Biomaterials Confer-	March 15-17, 2017	Hafjell, Norway	http://www.scsb.eu/
 SOCIETY FOR BIOMATERIALS Society for Biomaterials 2017 Annual Meeting	April 4- 8, 2017	Minneapolis Convention Center	https://www.biomaterials.org/events/sfb-2017-annual-meeting
 Australasian Society for Biomaterials and Tissue Engineering	April 18-20, 2017	Canberra, ACT	http://www.asbte.org/
 6th China Europe Symposium on Biomaterials in Regenerative Medicine	May 21-24 2017	Porto, Portugal	www.cesb2017.i3s.up.pt
 Canadian Biomaterials Society Société Canadienne des Biomatériaux	May 24 – 27, 2017	Winnipeg, Manitoba	https://biomaterials.ca/
 ISHAS Hyaluronan 2017	June 11-15 2017	Cleveland, OH	https://www.ishas.org/
 termis	26-30 June 2017	Davos, Switzerland	http://www.termis.org/eu2017/
 on Frontiers in Biomedical Polymer 12th International Symposium on Frontiers in	July 11-14, 2017	Seoul, Korea	http://www.fbps.org
 Gordon Research Conferences Gordon Research Conference - Biomaterials & Tissue Engineering	July 23-28, 2017	Holderness, NH	https://www.grc.org/programs.aspx?id=10961

Spotlight on Conferences

 ESB 2017	September 4 – 8, 2017	Athens, Greece	http://www.esb2017.org/
	October 27 - 29, 2017	Thiruvanan- thapuram, India.	http://www.sbaoi.org/6abmc/ index.html

And some Major Events in 2018 and beyond to Plan Ahead for:

 SOCIETY FOR BIOMATERIALS	April 11-14, 2018	Hilton, At- lanta	https://www.biomaterials.org/ events/sfb-2018-annual- meeting
SFB 2018 Annual Meeting			
 termis® <small>Tissue Engineering International & Regenerative Medicine Society</small>	September 4 -7, 2018	Kyoto, Ja- pan	http://www.termis.org/ meetings_worldcongress.php
TERMIS World Congress			
 European Society for Biomaterials	September 8 -13 2018	Maastricht, The Nether- lands	www.esb2018maastricht.org
29th European Conference on Biomaterials			
 11th World Biomaterials Congress 19 - 24 May 2020, Glasgow, Scotland	May 19 -24 2020	Glasgow	www.wbc2020.org
11th World Biomaterials Congress			

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) and David Nisbet (david.nisbet@anu.edu.au)