

# NEWSLETTER

Dec 2022

# The Australasian Society for Biomaterials and Tissue Engineering

#### **INSIDE THIS ISSUE:**

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From the president,

Dear ASBTE friends and colleagues,

We're again approaching the end of another year. I hope you all are looking forward to a well-deserved break like I am, and to starting a brand new year. The ASBTE community is excited about plans for our 2023 annual conference. For the first time in 12 years, ASBTE will be returning to New Zealand (the last was 2011 in Queenstown), this time in beautiful Ōtautahi Christchurch. It will be fantastic to gather in person once again as a community to celebrate all of the exciting developments and achievements from our colleagues, friends, and industry partners. The local organising committee is busy planning the social events and scientific program, which I can ensure you is first-rate, so I highly recommend all to attend. ASBTE is once again planning on offering awards to support members to attend this conference. Be sure to keep up to date with our online information and member update emails.

I also want to particular thank our early and mid-career researchers, especially those who have volunteered to run the ASBTE showcases. The showcases have been highly successful, not only spotlighting all the particularly outstanding research happening in each region, but also fostered new connections between our members. Thank you to all who attended the showcases, in person or virtually, and also huge thanks to all the sponsors for their support. It's heartening to see how vibrant our community is, and I hope this continues for many years to come.

Finally, I want to thank ASBTE members for continuously supporting the society. Your membership is important to help the society grow and thrive. Now would be a good time to renew your memberships, and encourage your colleagues in Biomaterials and Tissue Engineering to join. If you have any ideas or feedback for the society, please do not hesitate to get in touch with members of the Exec Committee or your state representatives.

Khoon Lim, President

Conferences



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

**Penny Martens** 

Tim Woodfield

Science and Technologies Australia (STA)
Liaison Officer

**Kelly Tsang** 

#### **State Representatives**

- o Elena M. De-Juan-Pardo (WA)
- Farhad Soheilmoghaddam (QLD)

#### **ECR Representatives**

- o Alessia Longoni (NZ)
- o Ziyu Wang (NSW)
- Gabriel Huynh (VIC)
- Ashley Murphy (QLD)
- Ilze Donderwinkel (QLD)
- Huan Ting Ong (WA)

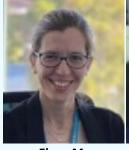
#### **Student Representatives**

- Danielle Vahala (WA)
- Samuel Maher(WA)
- George McColgan (WA)
- o Gretel Major (NZ)
- Asawari Parulekar (QLD)
- Aswathi Gopalakrishnan (QLD)
- o Taryn Smith (QLD)

#### **Student Representatives**

- Jasneil Singh (NSW)
- o Tiffany Goh (NSW)
- Johnny Wong (NSW)
- Stephanie Doyle (VIC)
- Thuy Phuong Thi Nguyen (VIC)
- Mohammad Ali Ahmadipour (VIC)

# ASBTE state/ECR/student reps







Farhad Soheilmoghaddam



Alessia Longoni



Ziyu Wang



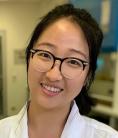
**Gabriel Huynh** 



**Ashley Murphy** 



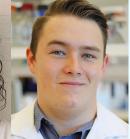
Ilze Donderwinkel



**Huan Ting Ong** 



**Danielle Vahala** 



Samuel Maher



George McColgan



**Gretel Major** 



Asawari Parulekar



Aswathi Gopalakrishnan



**Taryn Smith** 



**Jasneil Singh** 



**Tiffany Goh** 



Johnny Wong



Stephanie Doyle



**Thuy Nguyen** 



Mohammadali Ahmadipour

### Call for Nominations: ASBTE Award of Excellence 2023

The Committee of the Australasian Society for Biomaterials and Tissue Engineering invites nominations for the ASBTE **Award of Excellence** 2023.

#### **Nomination Process and Selection Criteria:**

Any member of the Society in good standing may nominate candidates for the award. The deadline for the nomination is **31 March 2023**. The successful candidate will be announced at the next ASBTE meeting. The award is determined by the selection committee chaired by the Society President. The award will consist of an inscribed medal and will be presented at the next ASBTE annual meeting. Only 1 award will be presented. The successful candidate will be announced at the next ASBTE meeting.

The following information must accompany each nomination:

- 1. Name and affiliation of three nominating members and statements from each nominator describing the reasons for nomination (1-2pages). It is an expectation that the criteria as stated in the guidelines are clearly articulated by the nominations.
- 2. Name, address and affiliation of the nominee
- 3. A Curriculum Vitae of the nominee, as far as is known, including education, membership of professional organizations, honours already received, main field of professional activity and a list of publications

#### **Guidelines for the Selection Committee:**

The ASBTE Award for Excellence recognizes a member of the Australasian Society for Biomaterials and Tissue Engineering who has made a significant contribution to the Society and has an outstanding record in developing, maintaining and promoting the goals of the Society. The selection panel may rank each nominee on the following criteria and make a judgement as to the best candidate to receive the award:

- 1. Nominees major contribution to ABSTE: (50 points)
  - i. Service to the society over a significant period of time
  - ii. Contribution towards a positive change in the society
  - iii. Contribution towards ASBTE's international standing and outreach to other international societies
- 2. Nominees major contribution to the discipline of biomaterials and tissue engineering: (25 points)
  - i. Publications in peer reviewed journals
  - ii. Citations and h index
  - iii. Books and book chapters
  - iv. International Society Fellowships
  - v. Invitations to present plenary/keynote lectures in international conferences
- 3. Leadership/mentoring roles: (15 points)
  - i. Number of PhD students or research scientists mentored
  - ii. Number of post-doctoral scientists
  - iii. Leadership positions in university and/or industry
- 4. Other Achievements/contributions: (10 points)
  - The selection panel may consider any other achievements/contributions cited in the nomination that may be recognized to demonstrate nominee's contributions to the discipline.

Please e-mail nominations to the attention of the ASBTE President Dr Khoon Lim (khoon.lim@sydney.edu.au) on or before 31 March, 2023.

# Call for Nominations: ASBTE Emerging Investigator Award 2023

The Committee of the Australasian Society for Biomaterials and Tissue Engineering invites nominations for the ASBTE **Emerging Investigator Award**. This award recognises an early career researcher, who has demonstrated outstanding research contributions and potential in regards to a future distinguished career in the field of biomaterials and/or tissue engineering. This award will be given every second year.

#### **Nomination Process and Selection Criteria**

Any member of the Society in good standing may nominate candidates for the award. The deadline for the nomination is **31 March 2023**.

#### Selection criteria include:

- 1. The early career researcher must be a current member of the ASBTE and must have been a continuous member of the society for a minimum of two full years prior to the submission deadline.
- 2. The nominee must be less than ten years post PhD at the close of nomination. (including career interruption)

The award is determined by a selection committee appointed by the ASBTE Committee and chaired by the Society President.

The following information must accompany each nomination:

- 1. Name and affiliation of the nominating ASBTE member, and one international member of the Biomaterials field.
- 2. A 1 page (maximum) statement from the nominating member and international expert describing the reasons for the nomination.
- 3. Name, contact details, and affiliation of the nominee.
- 4. A copy of the PhD certificate of the nominee showing the date awarded.
- 5. A 1 page (maximum) personal statement from the nominee articulating their vision and/or plans for the biomaterials and tissue engineering field in the future.
- 6. A 3 page (maximum) Curriculum Vitae of the nominee, including a brief description of the main field of professional activity, memberships of professional organisations, awards already received, a list of publications and patents, a list of plenary/keynote lectures at international conferences, a list of contributions to technology translation and commercialisation, and other relevant information.

**The Award:** The award consists of an inscribed medal and a cheque for \$1,000 and will be presented at the next ASBTE annual meeting, where the awardee will be invited to make a keynote speech on their research.

Please send nominations addressing the selection criteria above to the attention of the ASBTE President Dr Khoon Lim (khoon.lim@sydney.edu.au) on or before 31 March 2023.

### Call for Nominations: ASBTE 2023 CONFERENCE ATTENDANCE AWARD

#### Announcement

The ASBTE will fund Awards <u>up to \$500.00</u> each for postgraduate research students and early career researchers to attend the ASBTE Annual Conference, Te Pae Christchurch Convention Centre, Christchurch, NZ, 12-14 April 2023. This document summarises the eligibility criteria, guidelines for the application and application submission deadlines. The major objectives of these travel grants are to provide students/ECRs with:

- Financial assistance to attend the ASBTE Annual Conference, to present their research, network with peers and develop new collaborations or enhance existing collaborations;
- The opportunity to interact with groups outside their specific research area.

These grants are available solely for the purpose of attending the ASBTE Annual Conference and will not be awarded for any other conference or meeting. The decisions on the Grants will be made by the ASBTE Committee and may vary at the Committee's discretion.

#### **Guidelines**

#### Eligibility

- Full-time postgraduate student currently enrolled at a recognised higher education provider, or earlycareer researcher with less than 3 years of post-doctoral experience between date of award of PhD and date of application for grant.
- Current, paid, financial member of ASBTE for the 2022 & 2023 calendar years
- Applicants should be enrolled/employed in Australia or New Zealand, but applications from expatriate ASBTE members will also be considered.
- Accepted oral or poster presentation at the conference
- INCOMPLETE/LATE APPLICATIONS INELIGIBLE

Any risks associated with travel are not the responsibility of ASBTE. It is the responsibility of the Student/ECR and their Supervisor to ensure compliance with their host University/Institute travel policy.

#### **Application**

At the time of application, applicants must submit online:

- (i) A completed application form here
- (ii) Evidence of study/employment and PhD completion date (if applicable)
- (iii) ASBTE membership receipt for 2022 & 2023
- (iv) Evidence of abstract acceptance

Uploaded files must be PDFs. If any of these items are missing, your application will be deemed ineligible. The conference travel awards are intended to help those who have difficulty attending the conference through shortage of funds. The decisions on the awards will be made by the ASBTE Committee and may vary in amount at the discretion of the Committee. Application forms are provided on the ASBTE website (<a href="www.asbte.org">www.asbte.org</a>).

### Call for Nominations: ASBTE 2023 CONFERENCE ATTENDANCE AWARD

Submission Details

Applications should be submitted online no later than 5 pm (AEST) on Wednesday 25<sup>th</sup> January 2023.

All documentation, including relevant membership receipts, must be supplied at the time of application. If any of the items are missing, your application will be deemed ineligible. Uploaded files must be PDFs.

Please do not submit applications by post or email.

#### Acknowledgement

Any poster or oral presentations and any publications resulting from the work must acknowledge the funding obtained from ASBTE.

#### Report

A short report detailing the activities undertaken during the conference and any outcomes from the conference will be required within 2 months of returning from the conference. The format will be an online form that will be provided to you and will require the following:

- 100-word summary of the activities undertaken
- 100-word summary of outcomes from your attendance at the conference
- 30-word summary quote about your experience
- Actual expenditure breakdown
- 1-3 photos from your experience

These summaries and photos may be used on the ASBTE website, Newsletter and/or social media.

Any questions, please contact Anna Waterhouse (anna.waterhouse@sydney.edu.au)

# **ASBTE** membership and website

### **ASBTE on Twitter**



The ASBTE handle @ASBTE1provides the latest news and discussions for society members. If you are on Twitter, use @ASBTE1 to publicise your publications, awards, and grant successes that you want to share with the society members. Please follow us on Twitter: <a href="https://twitter.com/ASBTE1">https://twitter.com/ASBTE1</a>

# **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

# Call for Nominations: 2023 INTERNATIONAL AND LOCAL LAB TRAVEL

#### **Announcement**

The ASBTE will fund Travel Grants up to \$2,000 for international travel or up to \$1000 for domestic/local travel each for postgraduate research students and early career researchers. This document summarises the eligibility criteria, guidelines for the application and application submission deadlines. The major objectives of these travel grants are to provide students/ECRs with:

- The opportunity to travel to other institutions to develop new collaborations or enhance existing collaborations;
- Increased access to equipment and/or expertise that is not available in their own institution; and
- The opportunity to interact with groups outside their specific discipline area or culture.

These grants will not be allocated for conference travel alone, however, if applicants can organise their laboratory visit/s at times coinciding with relevant Biomaterials/Tissue Engineering conferences, support may be approved. The decisions on the Grants will be made by the ASBTE Committee and may vary at the Committee's discretion.

#### Guidelines

*Travel Dates:* Travel is to be commenced before 31st December 2023.

#### Eligibility

- Full-time postgraduate student currently enrolled at a recognised higher education provider, or earlycareer researcher with less than 3 years of post-doctoral experience between date of award of PhD and date of application for grant (taking into account career breaks).
- Current, paid, financial member of ASBTE for the 2022 & 2023 calendar years
- Applicants should be enrolled/employed in Australia or New Zealand, but applications from expatriate ASBTE members will also be considered.
- INCOMPLETE/LATE APPLICATIONS INELIGIBLE

Any risks associated with travel are not the responsibility of ASBTE. It is the responsibility of the Student/ECR and their Supervisor to ensure compliance with their host University/Institute travel policy.

#### **Application**

At the time of application, applicants must (1) complete the <u>application form online</u> and (2) provide the <u>following</u> attachments in ONE PDF:

- (i) Justification for the travel and proposed budget breakdown (1 page maximum)
- (ii) List of publications
- (iii) List of grants and awards
- (iv) Letter of support from the applicant's supervisor
- (v) Letter of support from the host laboratory
- (vi) Evidence of study/employment and PhD completion date (if applicable)
- (vii) ASBTE membership receipts for 2022 & 2023

If any of these items are missing, your application will be deemed ineligible. Application forms are also provided on the ASBTE website (<u>www.asbte.org</u>).

# Call for Nominations: 2023 INTERNATIONAL AND LOCAL LAB TRAVEL

#### Submission Details

Applications should be submitted online HERE no later than 5 pm (AEST) on Wednesday 25<sup>th</sup> January 2023.

All documentation, including relevant membership receipts, must be supplied at the time of application. If any of the items are missing, your application will be deemed ineligible.

Please do not submit applications by post or email.

#### Acknowledgement

Any poster or oral presentations and any publications resulting from the work must acknowledge the funding obtained from ASBTE.

#### Report

A short report detailing the activities undertaken during the travel and any outcomes from the visit will be required within 2 months of returning from the visit. The format will be an online form that will be provided to you and will require the following:

- 100-word summary of the activities undertaken
- 100-word summary of outcomes from your visit
- 30-word summary quote about your experience
- Actual expenditure breakdown
- 1-3 photos from your experience

These summaries and photos may be used on the ASBTE website, Newsletter and/or social media.

Any questions, please contact Anna Waterhouse (anna.waterhouse@sydney.edu.au)

### ASBTE membership and website

#### www.asbte.org

You can now sign up for 1, 2, or 3 year ASBTE Standard Membership at <a href="https://www.asbte.org/shop">https://www.asbte.org/shop</a>

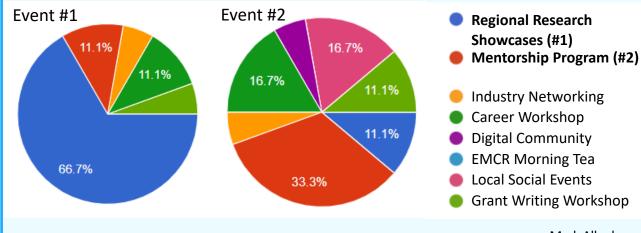
Any member wishing to supply news items, links, PhD scholarships, job listings, or other relevant information to the *website* should contact Jess Frith, <u>jessica.frith@monash.edu</u>

Dec 2022

# ASBTE ECR showcase recap (Nov – Dec 2022)

We held nominations for 'preferred events', and ASBTE Regional Showcases came out as a clear favourite ('Event #1' pie chart), followed by the Mentorship Program as second in a tiebreaker vote-off ('Event #2' pie chart).

**Please consider joining our ASBTE Representative Board at the upcoming conference**, where you can propose, plan, contribute to, and direct these initiatives which support your greater ASBTE community.



### Mark Allenby

# ASBTE ECR showcase recap - NSW 25th Nov 2022

Winners

ECR award: Bram Soliman / HDR award: Mitchell St Clair-Glover / People's choice award: Henry Hien Tran



Chair: Ziyu Wang / Co-chairs: Tiffany Goh, Jasneil Singh, Habib Joukhdar, Zachary Och

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# ASBTE ECR showcase recap - QLD/NZ 30th Nov 2022

Winners

ECR award: Alessia Longoni / HDR award: Jordan Davern



Chair: Ilze Donderwinkel

Co-chairs: Farhad Soheilmoghaddam, Ashley Murphy, Asawari Parulekar, Gretel Major, Alessia Longoni

# ASBTE ECR showcase recap – WA/SA 8<sup>th</sup> Dec 2022

Winners

ECR award: Matt Hepburn / HDR award: Michael Vernon (best), Danielle Vahala (1st runner-up), Samuel Maher (2nd runner-up), Francois Rwandamuriye (2nd runner-up) / Undergraduate award: Brooke Maitland



Chair: Huan Ting Ong / Co-chairs: George McColgan, Samuel Maher, Danielle Vahala, Elena de Juan Pardo

Dec 2022

# ASBTE ECR showcase recap – VIC 9th Dec 2022

Winners

Best presentation: Emily Liu / Best presentation runner-up: Kai Mayer, Nicolas Chan



Chair: Gabriel Huynh

Co-chairs: Thuy Nguyen, Mohammadali Ahmadipour, Stephanie Doyle

#### **Biomaterials Bites**

We have started a new initiative to showcase the fantastic people that make up our society:

**Biomaterial Bites** is a series of 5-minute videos that you can watch to find out more – perfect to watch on your coffee break. We would love to highlight the diversity of our members, at all career stages, locations and research interests so if you would like to participate, please contact <a href="mailto:Jessica.frith@monash.edu">Jessica.frith@monash.edu</a>

Previous interviews can be found on the ASBTE website: <a href="https://www.asbte.org/biomaterial-bites">https://www.asbte.org/biomaterial-bites</a> or our youtube channel:

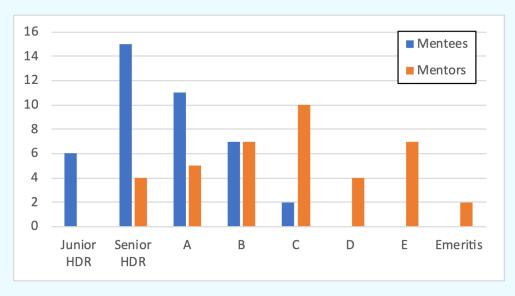
- #1 Bryan Coad, <a href="mailto:youtube.com/watch?v=QcsFareWUtU&t=10s&ab">youtube.com/watch?v=QcsFareWUtU&t=10s&ab</a>
- #2 Penny Martens, <a href="mailto:youtube.com/watch?v=SQZ-8EEC3iM&ab">youtube.com/watch?v=SQZ-8EEC3iM&ab</a>
- #3 Khoon Lim, youtube.com/watch?v=AB1HcE3IF9M
- #4 Ashley Murphy, <a href="mailto:youtube.com/watch?v=SO5f4OCO1As&t=3s&ab">youtube.com/watch?v=SO5f4OCO1As&t=3s&ab</a>
- #5 Gretel Major, <a href="majory/youtube.com/watch?v=bwwkhcLyPaY&ab">youtube.com/watch?v=bwwkhcLyPaY&ab</a>
- #6 Kelly Tsang, youtube.com/watch?v=ZpladXfjnk0&t=11s&ab\_channel=ASBTE
- #7 Elena de Juan Pardo <a href="https://youtu.be/dihiMEXMPY0">https://youtu.be/dihiMEXMPY0</a>
- #8 Amy Gelmi <a href="https://youtu.be/YLZqFc0ZXs8">https://youtu.be/YLZqFc0ZXs8</a>

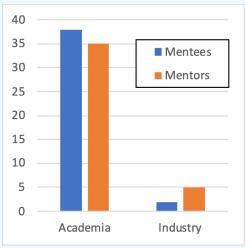
Jess Frith

# ASBTE mentoring 2.0 (launched Sep 2022)

ASBTE's 2022-2023 mentorship program went through recruitment stages in August and September and then was launched on the 30<sup>th</sup> September 2022, prospectively running for 6 months, October – March, or until the ASBTE conference. ASBTE's mentorship program carries an expectation of oncemonthly mentor-mentee meetings to discuss all things biomaterials and tissue engineering, including career progression, publishing and grants strategy, to industry opportunities.

Versus prior ASBTE mentorship initiatives comprised of ten or less mentees and mentors, this year we have 65 unique participants and 40 unique mentee-mentor pairings (increase of 650% versus last round). Mentees ranged from HDRs who have just begun their PhD journey, to C-level academics (senior lecturers) interested in their next steps. Mentors ranged from senior PhDs supporting junior PhDs, all the way up to distinguished and emeritus professors mentoring junior faculty. Our mentorship community strongly favoured academic participants, and while several industry mentees and mentors also participated, industry participation should be an area of future growth in the mentorship initiative.





Mark Allenby

Dec 2022

### **Getting to know other Biomaterials Societies**

The ASBTE is partnered with 10 other biomaterials societies around the world. In this feature, we profile one of the oldest Biomaterials Societies, and one with many similarities to the ASBTE: the Korean Society for Biomaterials (KSBM).

The next annual KSBM conference in Korea will likely be in the Spring of 2023.



#### When and where was your society founded and by whom?

The Korean Society for Biomaterials (KSBM) was founded in 1996 in accordance with rapidly growing biomaterials sciences and technology in Korea. Many universities, research institutes, and hospitals have directly engaged in the research and development of biomaterials, and almost all aspects of biomaterials are involved including the research, development, production, clinical application, education, and so on.

The founding president of the KSBM was Un Young Kim from Korea Institute of Science and Technology (KIST). The first annual meeting was held in 1996 and meetings have been held since then.

#### Can you please tell us a brief history and notable achievements of your society and/or members?

KSBM is a member of the international community of biomaterials societies as represented by the International Union of Societies of Biomaterials Science and Engineering (IUSBSE).

As of 2020, 21 members have been awarded Fellowship to the International College of Fellows of Biomaterials Science and Engineering.

The KSBM will host the 12th World Biomaterials Congress (WBC) in Korea in 2024.

We have been actively involved in the Society for Biomaterials, Asian Biomaterials Congress, and the European Society for Biomaterials. Our members are also willing to volunteer such professional services; international journal editorial members, conference speakers, session organizers, and chairs. It is notable that Korea is one of the leading countries contributing to the Journal 'Biomaterials'

'Biomaterials Research', the official journal of KSBM, is published both online (every month) and in hard copy (four times per year). It was listed in 2021 and received its first impact factor of 15.46 in 2022.

Abstract submissions and presentations at the annual conference may be made in either English or Korean.

#### How often do you meet for scientific meetings?

KSBM is holding domestic annual meetings twice a year, where about 300 papers per meeting are presented covering the recent advances in polymers, ceramics, and metals for medical applications. Also, our society runs Summer Membership Training and Tutorial Symposium every year.

Since the first meeting in 1996, more than 80 meetings have been held across the country.

The year before last, in 2020, we hosted our first online conference, and this year, in 2022, we held the Spring Conference online and the Fall Conference on Jeju Island.

### **Getting to know other Biomaterials Societies**

#### How many current members (full, associate, students and etc) do you have?

We have over 3,880 current members.

Of these members, 146 are life-time regular members, 1,004 are regular members, and 2,730 are student members.

#### Have you had special activities (e.g. zoom conference) during the pandemic if travelling has been restricted?

We held our first online Summer Membership Training in 2020, and we delayed the fall conference and Tutorial Symposium in November.

In 2021, due to COVID-19, the Spring Conference in March was held online, and the Fall Conference and Tutorial Symposium in September were held as online-oriented hybrids.

This year, in 2022, the spring conference was held online, and the summer workshop was held offline. The fall conference and Tutorial Symposium were held in Jeju Island as a hybrid with an emphasis on offline, with foreigners attending online and locals attending on-site.

#### Please highlight a few active members (recent award winners at different career stages).

The 2022 Society Awards were presented as follows:

OSSTEM IMPLANT Biomaterial Award: Byeongmoon Jeong (Ewha Women's University)

DENTIUM Academic Award : Jae Hyup Lee (Seoul National University of Medicine)

CGBIO Senior Investigator Award: Won-Gun Ko (Yonsei University), Hee Seok Yang (Dankook University), Seong Keun Kwon (Seoul National University Hospital)

HISTOSTEM Best Paper Award: Sang-Soo Park (Eulji University), Dong-Hyung Kim (Korea Institute of Standards and Science)

INNOTHERAPY Female Scientist Award: Sung Yun Yang (Chungnam National University), Youngmi Jung (Korea Institute of Science and Technology)

PHI BIOMED Emerging Investigator Award: Jung Bok Lee (Sookmyung Women's University), Mikyung Shin (Sungkyunkwan University), Won-Hwa Lee (Sungkyunkwan University)

NIBEC Young Scientist Award (Korea-Japan Young Scientist Exchange Program):

Geon-Hui Lee (Pohang University of Science and Technology), Bon Il Koo (Korea Advanced Institute of Science and Technology), Sunho Park (Chonnam National University)

Shinnosuke Nishimura (Doshisha University), Ryo Hamai (Tohoku University), Yuto Honda (Tokyo Institute of Technology)

# **Upcoming conferences**

Conference	Dates	Location	Link
ASBUE	12-14 Apr 2023	Christchurch, NZ	https://www.asbte2023.co.nz/
TERMIS EU-Chapter / Manchester	28-31 Mar 2023	Manchester, UK	https://eu2023.termis.org/
Termis.  A M E R I C A S  2023 Annual Conference & EXHIBITION  April 11–14, 2023 Boston Marriott Copley Place	11-14 Apr 2023	Boston, USA	https://am2023.termis.org/
2023 ANNUAL MEETING AND EXPOSITION SHERATON SAN DIEGO HOTEL & MARINA APRIL 19 - APRIL 22, 2023	19-22 Apr 2023	San Diego, USA	https://biomaterials.org/2023- SFB-Annual-Meeting
SESB'	4-8 Sep 2023	Davos, Switzerland	https://esb2023.org/
2023 TERMIS-AP CONFERENCE October 16-19, 2023 • Hong Kong	16-19 Oct 2023	Hong Kong, China	https://ap2023.termis.org/
WBC 2024 12" World Biomaterials Congress MAY 26-31, 2024 2 XCO, DAEOU, KOMEA	26-31 May 2024	Daegu, Korea	http://wbc2024.com/
etermis.	25-28 Jun 2024	Seattle, USA	https://termis.org/World- Congresses

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 editor Yu Suk Choi (<a href="mailto:yusuk.choi@uwa.edu.au">yusuk.choi@uwa.edu.au</a>) or Executive Officer Veronica Glattauer (<a href="mailto:veronica.glattauer@csiro.au">veronica.glattauer@csiro.au</a>).

2022 Dec issue edited by Yu Suk Choi