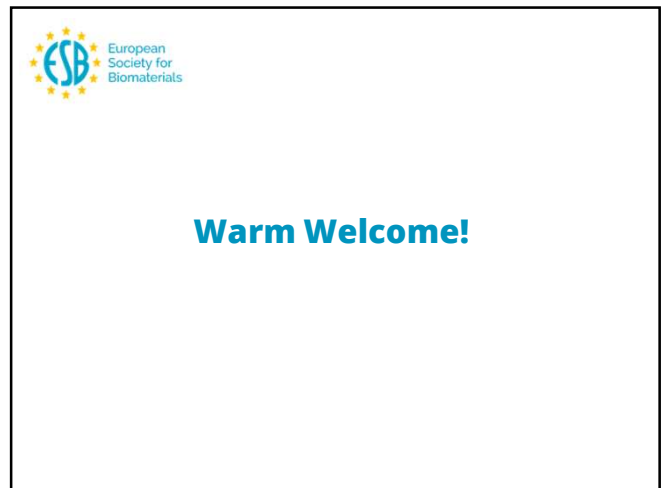




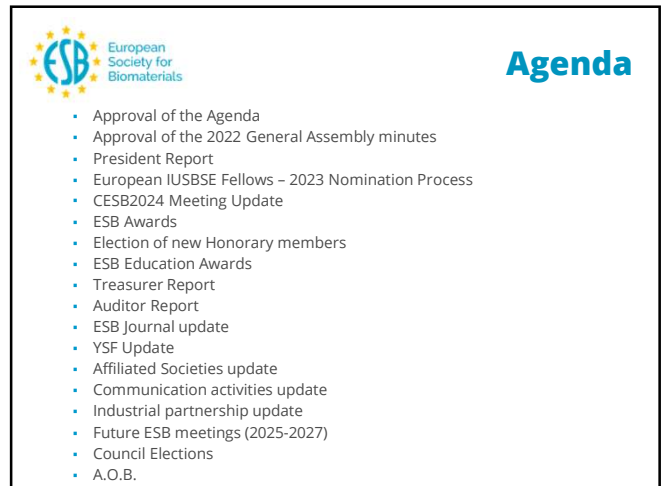
1



2



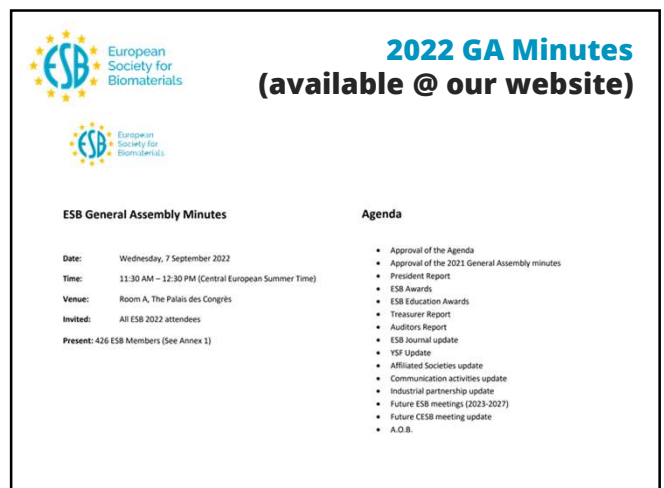
3



4



5



6



European Society for Biomaterials

President Report

Ana Paula Pêgo

7



European Society for Biomaterials

Current Council

- President: Ana Paula Pêgo
- Vice-President / YSF: Aldo R. Boccaccini
- Secretary: Nicholas Dunne
- Treasurer: Silvia Farè
- Education: Karine Anselme
- ESB Journal: Cristina Barrias
- Affiliated (national) Societies: Maria Grazia Raucci
- Industrial Liaison: Matteo D'Este
- Conferences / Communication: Sandra van Vlierberghe
- Past President: Pamela Habibovic

8



European Society for Biomaterials

Membership

- Current membership: >1,200 members
- Majority obtained membership through registration for the conference; a small part through registration at the ESB website.
- Advantages of being a member:
 - International visibility
 - Networking opportunities (new website)
 - Biomaterials Science Journal (discount access)
 - YSF Support
 - Education Awards
 - Sponsor members to organize sessions at conferences/events to increase visibility of ESB and Biomaterials

9



European Society for Biomaterials

Engagement with Peers

- Engagement with National Societies
 - ESB Affiliated Societies @ ESB2023 – "Tissue-biomaterial biointerfaces: strategies to understand the integration"
 - Webinars
- Engagement with IUSBSE (President: Joachim Kohn and Secretary: Mário A. Barbosa)
 - Meetings every trimester
 - MOU with TERMIS Global
 - Organization of WBC2024
 - Commission to define WBC bidding process (Abhay Pandit) – WBC2028 Bid
 - Fellows (to be inducted @WBC2024)





10



www.wbc2024.com

WBC2024
12th World Biomaterials Congress
MAY 26 – 31, 2024
DAEGU, KOREA, REPUBLIC OF



Ki Dong Park
Chair of Organizing Committee
WBC 2024

- ESB International Award symposium
- Joint special symposium submitted by ESB and the national affiliated societies - "Advanced Biomaterials with sensing properties to overcome the XXI century health challenges"

11



European Society for Biomaterials

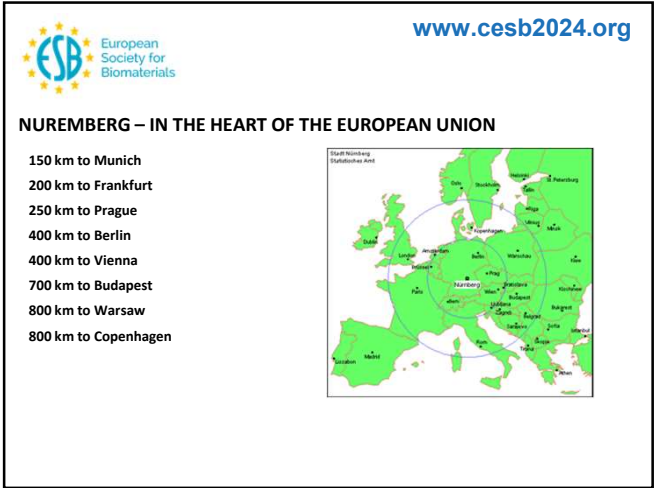
Engagement with Peers

- Sessions organized with World Societies @ESB2023
 - ISBF
 - Korean – EU Session
 - SSB+RM
 - TERMIS – EU
 - Australasia - Europe
- Joint session @SFB2023, @TERMIS-EU2023 and @ISBF2023
- CESB 2024 – Nuremberg (Germany)

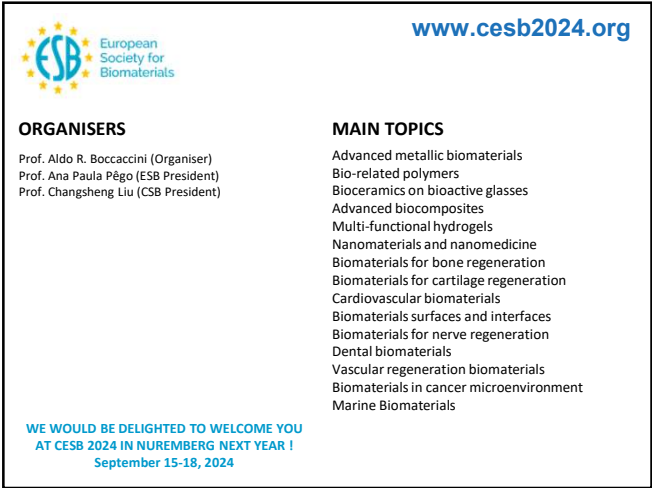
12



13



14



15



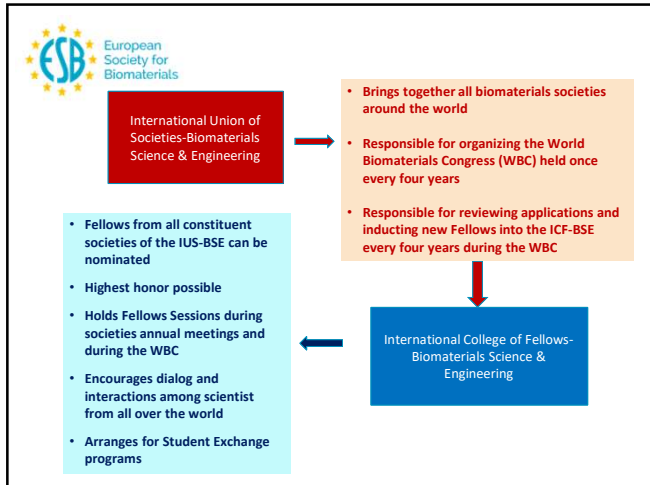
16



17



18



19

IUSBSE Fellows

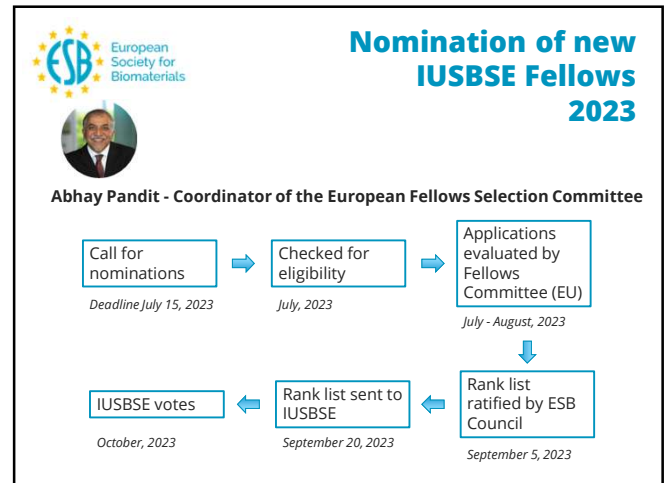
- Distinguished members who have gained accomplishments and are acknowledged as role models in the field of biomaterials science and engineering are given the Fellow status. Such Fellows are expected, through word and deed, to foster the field of biomaterials and to support its professional development as a practical and intellectual endeavour.
- The duly nominated, approved, confirmed, and installed Fellow has the right to carry the letters FBSE. These letters indicate the international recognition and respect of his/her comprehension of professional issues and accomplishments as a scientist or engineer in the field.
- Fellow status is awarded for life. A Fellow has all rights and obligations of an active member of their society.

20

Nomination of new IUSBSE Fellows 2023

- Call for proposals by members:
 - ESB member in good standing
 - ESB member for at least five years in the past 10 years
 - Attended at least five ESB or WBC conferences in the past 10 years
 - Significant contribution to the knowledge in the field of biomaterials
 - Prominent leadership role in the field of biomaterials
 - Proposed by at least two members in good standing

21



22

European IUSBSE Fellows

Sandra Van Vlierberghe
Silvia Farè

23

Nomination of new IUSBSE Fellows 2023

- Independent nomination committee
- All current fellows invited – 11 accepted
- Final ranking based on criteria of merits
- 10 IUSBSE fellows proposed for nomination by ESB
- Final decision and nominations by the ESB Council to be sent to IUSBSE: September 20, 2023



24



Nomination of new IUSBSE Fellows 2023

- Independent nomination committee:

- Elżbieta Pamula
- Rui L. Reis
- Pedro Granja
- Peter Revell
- Matteo Santin
- Joost de Bruijn
- Andrew Lloyd
- Maria Chatzinikolaïdou
- Yves Bayon
- Michael Gelinsky
- Abhay Pandit

25



Election of Honorary Members

Ana Paula Pêgo

26



Honorary Members

"Section 2. Honorary members

Honorary membership can be awarded to any person **who has given the Society particularly meritorious services or who has made a significant contribution to research in the field of biomaterials.** Honorary members are proposed by the Council and are elected by the members of the Society.

Honorary members are entitled to vote and to be elected to the Council."

Byelaws of the ESB

27



Proposed Honorary Members



Elizabeth
Tanner



Lucy di
Silvio



Clemens
van
Blitterswijk



Joachim Kohn

28



Scientific ESB Awards 2023

Ana Paula Pêgo

29



ESB Scientific Awards

- George Winter Award** for outstanding contribution to the field of biomaterials
- Jean Leray Award** for outstanding contribution to the field of biomaterials by early-career researcher
- International Award** for outstanding biomaterials scientist outside Europe with close ties with ESB
- Klaas de Groot Award** for distinct ability to provide mentorship and guidance to young researchers

30

 European Society for Biomaterials

Scientific Awards Committee 2023



Elizabeth Tanner



Miroslawa El Fray



Peter Dubrue



2022 George Winter Award
Abhay Pandit

31

 European Society for Biomaterials

Congratulations to 2023 Awardees



George Winter Award
Marc Bohner



Jean Leray Award
Miguel Castilho



International Award
Antonios Mikos



Klaas de Groot Award
Joëlle Amédée

32

 European Society for Biomaterials

George Winter Award Sponsorship

€2,000 by Elsevier / Publication @materialstodayBIO



Editor in Chief
João Mano
University of Aveiro Chemistry Department,
Aveiro, Portugal

| | | | |
|---|------------------------|-------------|------------------|
| \$3150 | 2.1 weeks | 4.3 weeks | 0.8 weeks |
| Article Publishing Charge for open access | Time to First Decision | Review Time | Publication Time |




Impact Factor 8.2
CiteScore 6.5

Materials Today Bio is a multidisciplinary journal focused on the interface between biology and materials science, chemistry, physics, engineering, and medicine. From the design and assembly of novel structures, their functionalization and interaction with biological systems to biomimicry, therapies and diagnostics in healthcare, the journal will capture the most exciting advances and discoveries within this field.

Visit our journal homepage at:
<https://www.sciencedirect.com/journal/materials-today-bio>
Or scan the QR code to learn more

33

 European Society for Biomaterials

Nomination 2024

- Deadline November 30, 2023
- Nomination:
 - Name and address of the nominating member
 - Name, address and affiliation of the nominee
 - Statement by the nominating member describing the reasons for nomination
 - Curriculum Vitae (**maximum 3 pages**) of the nominee, including a link to the list of publications
- Per award, an ESB member can nominate one person per year
- Multiple nominations of the same person are not required
- Jean Leray Award rules have been reviewed in 2020
- Re-nomination of candidates is possible**

34

 European Society for Biomaterials

Scientific Awards Committee 2024



Elizabeth Tanner



Miroslawa El Fray



Peter Dubrue



2023 George Winter Award
Marc Bohner

35

 European Society for Biomaterials

ESB Education Awards 2023

Karine Anselme

36



Education Awards 2023

- Julia Polak European Doctorate Awards
 - 10 Awardees
 - Winners notified during the YSF General Assembly (05/09, 18:30 - 19:30)
- Racquel LeGeros Award
 - 2 awardees 2022 New deadlines (31st May + 30th November)
 - 1 awardee 2023
 - Winners notified during the YSF General Assembly (05/09, 18:30 - 19:30)
- Rudolf Cimdins Scholarships
 - 16 awardees
 - Boosted by the announcement on ESB conference website
 - Winners notified during the YSF General Assembly (05/09, 18:30 - 19:30)

37



Education Awards 2023

Presentation Awards during the ESB conference

Four Best Student Oral Presentations - ESB
Four Best Student Poster Presentations - ESB

Two Student Poster Presentation awards - Gels @ MDPI
Two Student Oral Presentation awards - Journal of Materials Science-Materials in Medicine
Two Student Poster Presentation awards - Journal of Materials Science-Materials in Medicine

Winners will be notified during the ESB Closing Ceremony (08/09, 12:15- 13:00)

38



Treasurer Report

Silvia Farè

39



Accounting 2022

Silvia Farè

40



Revenues & Expenses 2022

| | Budget 2022 | Accounting 2022 | Difference 2022 |
|-----------------------|-------------|-----------------|-----------------|
| Expenses | (€) | (€) | (€) |
| Student awards | 5160 | 10700 | 5540 |
| Racquel LeGeros award | 3000 | 3000 | 0 |
| Society awards | 10000 | 11072 | 1072 |
| Website | 1000 | 9004 | 496 |
| Sisal + Athena | 3850 | 5171 | 1321 |
| Bank/paypal fees | 300 | 561 | 261 |
| Mailjet (GDPR) | 155 | 298 | 143 |
| JoForm | 176 | 349 | 173 |
| YSF | 3000 | 2002 | -998 |
| Congress sponsoring | 2000 | 0 | -2000 |
| ESB council | 500 | 630 | 130 |
| Total main expenses | 38141 | 42836 | 4695 |
| Revenues | (€) | (€) | (€) |
| Journal | 4600 | 4543 | -57 |
| Membership | 30000 | 31998 | 1998 |
| Sponsor | 2000 | 4000 | 2000 |
| Interests | 15 | 117 | 102 |
| From saving account | 0 | 8000 | 8000 |
| Donation | 0 | 0 | 0 |
| Total | 36615 | 46659 | 12044 |
| Rev. - Exp. (€) | -1526 | 5822 | 7348 |

41



Accounts 2014-2022

| Year | Current account | Saving account | Paypal account | Porto account | Total | Result |
|------------|-----------------|----------------|----------------|---------------|-------|--------|
| | (€) | (€) | (€) | (€) | (€) | |
| 31.12.2014 | 13086 | 10 | 0 | 33729 | 46825 | |
| 31.12.2015 | 28846 | 10 | 716 | 0 | 29572 | -17253 |
| 31.12.2016 | 19350 | 10 | 2679 | 0 | 22040 | -7533 |
| 31.12.2017 | 720 | 5510 | 402 | 0 | 6632 | -15408 |
| 31.12.2018 | 30858 | 5527 | 50 | 0 | 36434 | 29802 |
| 31.12.2019 | 31781 | 30058 | 911 | 0 | 62750 | 26276 |
| 31.12.2020 | 35553 | 30033 | 135 | 0 | 65720 | 3011 |
| 31.12.2021 | 10860 | 55033 | 135 | 0 | 66027 | 307 |
| 31.12.2022 | 14091 | 47150 | 135 | 0 | 61376 | -4652 |

42



European Society for Biomaterials

Auditor Report

E. Pamula
O. Sigurjónsson

43



European Society for Biomaterials



European Society for Biomaterials

Auditor Report

ESB Auditor Report September 2023


32nd Annual Conference of the European Society for Biomaterials
General Assembly, 7th September 2023

We can confirm that following our in depth examination of the finances and discussions with the treasurer we are confident that the accounts for 2022 are accurate and a correct record of the financial business of the society.

Elzbieta Pamula
E Pamula

Olafur E. Sigurjónsson
Olafur E. Sigurjónsson

44



European Society for Biomaterials

Votes

Does anyone NOT accept the account report from 2022?

45




European Society for Biomaterials

Budget / Accounts 2023

Silvia Farè

46




European Society for Biomaterials

Budget & Accounting 2023

As of July 31, 2023

| | Budget 2023 | Accounting 2023 | Di |
|-----------------------|-------------|-----------------|----|
| Expenses | | | |
| [€] | [€] | [€] | |
| Student awards | 5160 | 0 | |
| Racquel LeGeros award | 3000 | 0 | |
| Society awards | 13600 | 0 | |
| Website | 6000 | 456 | |
| Secal + Athena | 3850 | 3209 | |
| Bank/paypal fees | 300 | 536 | |
| Majket (GDPR) | 155 | 298 | |
| JoForm | 176 | 176 | |
| YSF | 3000 | 1731 | |
| Congress sponsoring | 2000 | 0 | |
| ESB council | 500 | 700 | |
| Total main expenses | 37741 | 7107 | |
| Revenues | | | |
| [€] | [€] | [€] | |
| Journal | 4600 | 0 | |
| Membership | 35000 | 36308 | |
| Sponsor | 2000 | 0 | |
| Interests | 15 | 116 | |
| Donation | 0 | 0 | |
| Total | 41615 | 36425 | |
| Rev. - Exp. (€) | 3874 | 29318 | |

47



European Society for Biomaterials

Accounts 2014 - 2022

| Year | Current account | Saving account | Paypal account | Porto account | Total | Result |
|------------|-----------------|----------------|----------------|---------------|-------|--------|
| | [€] | [€] | [€] | [€] | [€] | |
| 31.12.2014 | 13086 | 10 | 0 | 33729 | 46826 | |
| 31.12.2015 | 28846 | 10 | 716 | | 29572 | -17253 |
| 31.12.2016 | 19350 | 10 | 2679 | | 22040 | -7533 |
| 31.12.2017 | 720 | 5510 | 402 | | 6632 | -15408 |
| 31.12.2018 | 30858 | 5527 | 50 | | 36434 | 29802 |
| 31.12.2019 | 31781 | 30018 | 911 | | 62710 | 26276 |
| 31.12.2020 | 35553 | 30033 | 135 | | 65720 | 3011 |
| 31.12.2021 | 10860 | 55033 | 135 | | 66027 | 307 |
| 31.12.2022 | 14091 | 47150 | 135 | | 61376 | -4652 |
| 31.07.2023 | 41075 | 47150 | 3207 | | 91432 | 30056 |

Account closed in 2015

48




European Society for Biomaterials

Budget 2024 - 2025

Silvia Farè

49



European Society for Biomaterials


Budget 2024

| Budget 2024 | |
|----------------------------|--------------|
| Expenses | |
| | (€) |
| Student awards | 2000 |
| Racquel LeGeros award | 3000 |
| Society awards | 3000 |
| Website | 4200 |
| Secal + Athena | 3850 |
| Bank/paypal fees | 350 |
| Mailjet (GDPR) | 300 |
| JetForm | 176 |
| YSF | 3000 |
| Congress sponsoring | 2000 |
| ESB council | 1000 |
| CESB organization | 20000 |
| Invited speakers | 2000 |
| Total main expenses | 44676 |

| Budget 2024 | |
|-------------------|--------------|
| Revenues | |
| | (€) |
| Journal | 4600 |
| Membership | 3500 |
| Sponsor | 2000 |
| Interests | 110 |
| CESB organization | 20000 |
| Donation | 0 |
| Total | 29710 |

| Rev. - Exp. (€) | |
|-----------------|--------|
| | -14966 |

50



European Society for Biomaterials


Budget 2025

| Budget 2025 | |
|----------------------------|--------------|
| Expenses | |
| | (€) |
| Student awards | 5500 |
| Racquel LeGeros award | 3000 |
| Society awards | 24200 |
| Website | 4000 |
| Secal + Athena | 3850 |
| Bank/paypal fees | 350 |
| Mailjet (GDPR) | 300 |
| JetForm | 176 |
| YSF | 3000 |
| Congress sponsoring | 2000 |
| ESB council | 1000 |
| Invited speakers | 2000 |
| Total main expenses | 49376 |

| Budget 2025 | |
|--------------|--------------|
| Revenues | |
| | (€) |
| Journal | 4600 |
| Membership | 35000 |
| Sponsor | 2000 |
| Interests | 110 |
| Donation | 0 |
| Total | 41710 |

| Rev. - Exp. (€) | |
|-----------------|-------|
| | -7666 |

51



European Society for Biomaterials

Vote

Does anyone NOT accept the ESB budget for 2024 and 2025?

52




European Society for Biomaterials

Membership

Silvia Farè

53



European Society for Biomaterials

Membership Evolution 2015-2023

- 2015: 280
- 2016: 207
- 2017: 288

- 2018: 939 (367 j., 564 o.)
- 2019: 1082 (395 j., 678 o., 9 h./r.)
- 2020: 1237 (465 j., 761 o., 11 h./r.)
- 2021: 1121 (513 j., 599 o., 8 h./r., 1 corp./RSC)
- 2022: 1053 (460 j., 589 o., 6 h./r., 1 corp./RSC)
- 2023: 1154 (524 j., 671 o., 7 h./r., 1 corp./RSC)

As of August 31, 2023

54




European Society for Biomaterials

Journal Update


Cristina Barrias

55



European Society for Biomaterials

Journal Update




Exploring the science of biomaterials and their translation towards clinical use

Editor-in-Chief: **Jianjun Cheng**
(Westlake University, China)


Article submissions: 2111
Article publications: 506
Impact Factor: 6.6
5-year Impact Factor: 6.8
CiteScore: 10.9
Time to first decision (all decisions): 9 days
Time to first decision (peer reviewed only): 31 days

ESB Official Journal



@BioMaterSci

56



European Society for Biomaterials

Journal Update

Biomaterials Science



Editor-in-Chief
Jianjun Cheng, Westlake University, China


Executive Editor
Maria Southall

Deputy Editor
Laura Ghandhi

Associate Editors


Khuloud Al-Jamal, King's College London, UK
Nasim Annabi, University of California, Los Angeles, USA
Lino Ferreira, UC-Biotech, Portugal
Jöns Hilborn, Uppsala University, Sweden
Won Jong Kim, Pohang University of Science and Technology, Korea
Shyni Varghese, Duke University, USA
Fulian Xu, Beijing University of Chemical Technology, China
Can Zhang, China Pharmaceutical University, China
Chuan Zhang, Shanghai Jiao Tong University, China **NEW in 2023**

Editorial board members
Pamela Habibović, Maastricht University, The Netherlands
Xinyuan Zhu, Shanghai Jiao Tong University, China



@BioMaterSci

57




European Society for Biomaterials

Journal Update

Biomaterials Science

Biomaterials Science Lectureship Winner 2023


An annual award to honour an early-stage career scientist who has made a significant contribution to the biomaterials field



Eric Appel
Stanford University, USA


'Biomaterials Science is a terrific journal at the interface between chemistry and bioengineering that uniquely highlights the role of robust chemical design in creating new opportunities in biomedicine'

Nominations are welcome from anyone
Winner selected by the Biomaterials Science Editorial Board



@BioMaterSci

58



European Society for Biomaterials

Journal Update

Biomaterials Science

Themed Collections

Emerging Investigators Series

ESB 2022 collection

Biomaterials Science 10th Anniversary collection


Microneedles

Injectable hydrogels

Novel biomedical polymer materials

HOT articles

59



European Society for Biomaterials

Journal Update

Biomaterials Science

ESB 2022 collection

15 papers: free to read until 8 Oct 2023 @rsc.li/3KWDHbF

ESB 2023 collection


Working in partnership with ESB to highlight some of the most interesting research from the conference

ESB referees assessed abstracts, *Biomaterials Science* shortlisted based on ranking and topics of interest.

Submissions open now until end of November 2023

To submit, contact: biomaterialsscience-rsc@rsc.org

60





European Society for Biomaterials

Journal Update Biomaterials Science


Biomaterials Science 10th Anniversary Symposium

- One day in person symposium in London, UK on **01/11/2023** featuring speakers on a range of topics across biomaterials
- Registration deadline **16/10/2023** – discount for ESB members with **code ESB10**

For more information and to register @rsc.li/44G9K76


 @BioMaterSci

61





European Society for Biomaterials

Journal Update Biomaterials Science

Benefits to ESB Members

- All ESB members are eligible for a 15% discount on APCs in *Biomaterials Science*
- All RSC members are eligible for a 15% discount on APCs in all RSC journals
- A variety of funding and grants are available for RSC members


 @BioMaterSci

62



European Society for Biomaterials

Young Scientists Forum

Aldo R. Boccaccini

(Slides Dr. Arn Mignon - YSF Spokesperson)

63



European Society for Biomaterials

YSF Aims

- Promote **biomaterials education and training** in Europe
- Provide a **forum for communication** among young researchers in biomaterials
- Enhance **collaborations and networks**
- Promote **meetings to encourage the dissemination** of information about education and careers in biomaterials



YSF
European Society for Biomaterials

64



European Society for Biomaterials

Current YSF Board

| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Spokesperson | National Chapters Liaison Officer | Secretary | Education Officer | Industry Liaison Officer | Communication and Dissemination Officer |

ESB
Liaison



65



European Society for Biomaterials

YSF Activities – ESB 2023

Monday, September 4 – 14:00-16:00 (CET)

- Perspectives from Nature Scientific Editors
- Navigating the AI Era: Shaping Your Profile for the Job Market
- Stony road to transfer a new biomaterial into a medical device



Tuesday, September 5 18:30-19:30


- ESB-YSF General Assembly

Wednesday, September 6 19:00-Late


- YSF Night out





66

|  YSF Finances | | | |
|---|---------|-------------------------|----------|
| Budget 2023 | | Provisional Budget 2024 | |
| Item | Cost | Income | |
| Annual ESB allowance (max) | | 3000 | |
| Leftovers 2022 | | 863 | |
| Call for NC Projects | 1581.33 | | |
| ESB2023 contribution workshop/travels | 600 | Estimated | |
| ESB2023 contribution social YSF night out | 1200 | | |
| Marketing NC | 0 | | |
| Image of the month Prize | 100 | | |
| ESB YSF Logo Prize | 150 | | |
| | | Remaining total | |
| | 3531.33 | 3863 | € 331.67 |

67

|  YSF National Chapters | |
|---|--|
| <p>YSF National Chapters are young ESB members* who:</p> <ul style="list-style-type: none"> Manage activities on biomaterial research in their countries Have active interaction with the National Chapter Liaison Officer Efficiently inform and disseminate the activities of the local chapter society and of YSF-ESB to the local members | |
| <p>*below the age of 40</p> <p>**appointed by the National Society President</p> | |


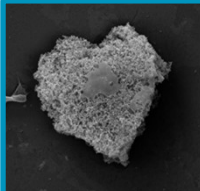

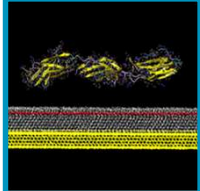
68

|  YSF National Chapters | |
|--|--|
|  | |



69

|  YSF Sponsorship | |
|--|--|
| <p>Call for Projects</p> <ul style="list-style-type: none"> Budget set at €1,200 (total), to be divided into two projects Aim: To promote professional valorization, training and networking Preferred formats: Workshops and Symposia directed to YSF audience Information available on the YSF section of the ESB website <p>2023 Awardees: Caroline S. Taylor and Daphne van der Heide</p> | |

70

|  YSF Image Competition | | |
|---|--|---|
| <p>"Nanohearth"</p>  <p>Lorenzo Degli Esposti National Research Council, Italy</p> <p>Nominated by the board of ESB-YSF February 2023</p> | <p>"A Colourful Cuddle"</p>  <p>Niels Willemen University of Twente, The Netherlands</p> <p>Nominated by the board of ESB-YSF March 2023</p> | <p>"BBB: Gateway to the Mysteries"</p>  <p>Viswanath Vittaladevaram University of Galway, Ireland</p> <p>Nominated by the board of ESB-YSF May 2023</p> |

71

|  YSF Connections | |
|--|--|
| <p>How?</p> <ul style="list-style-type: none"> https://twitter.com/YSF_ESB https://www.linkedin.com/groups/8676375/ http://esbiomaterials.eu/ <p>ysf@esbiomaterials.eu</p> | |
|  <p>YSF European Society for Biomaterials</p> | |

72



European Society for Biomaterials

National Affiliated Societies Initiatives

Maria Grazia Raucci

73



European Society for Biomaterials

Engagement with National Affiliated Societies

| SOCIETY | COUNTRY | PRESIDENT |
|---|----------------|--------------------|
| 1. BIOMAT | France | Joelle Amédée |
| 2. Biomaterials and Tissue Engineering Society | Turkey | Y. Murat Elcin |
| 3. Finnish Society for Biomaterials | Finland | Minna Kellomäki |
| 4. German Society for Biomaterials | Germany | Michael Gelinsky |
| 5. Hellenic Society for Biomaterials | Greece | Dionysios Mouzakis |
| 6. Iberian Society for Biomaterials & Biomechanics | Spain | Diego Velasco |
| 7. Italian Society for Biomaterials | Italy | Silvia Farè |
| 8. Netherlands Society for Biomaterials and Tissue Eng.(NBTE) | Netherlands | Aurélie Carlier |
| 9. Polish Society for Biomaterials | Poland | Elzbieta Pamula |
| 10. Romanian Society for Biomaterials | Romania | Iulian Antoniac |
| 11. Scandinavian Society for Biomaterials (SCSB) | Scandinavia | Hanna Tainen |
| 12. UK Society for Biomaterials | United Kingdom | Paul Roach |
| 13. Swiss Society for Biomaterials and Regenerative Medicine | Switzerland | Martin Ehrbar |

74



European Society for Biomaterials

Engagement with National Affiliated Societies

Meeting with Presidents of National Societies by Teams

Nov 30, 2022 | 13:00-14:00 (CEST time)


Agenda:

1. Organization of symposium for ESB2023 (deadline submission 15th December 2022);
2. Planning of webinar series 2023

Participants:

- Joelle Amedee (France)
- Luis Rodriguez-Lorenzo (Spain)
- Cecilia Persson (Scandinavia)
- Murat Elcin (Turkey)
- Elzbieta Pamula (Poland)
- Ehrbar Martin (Switzerland)
- Silvia Farè (Italy)
- Cherly Miller (United Kingdom)
- Dionysios Mouzakis (Greece)
- Aurélie Carlier (Netherlands)
- Jonathan Massera (Finland)
- Maria Chatzinikolaïdou (Greece)
- Michael Gelinsky (Germany)

75



European Society for Biomaterials

Engagement with National Affiliated Societies

Second Meeting with Presidents of National Societies

Sept 05, 2023 | 12:15 PM – 2:00 PM (CEST) [Room: FORUM]

Participants | **ESB Council:** Ana Pêgo (AP), Nicholas Dunne (ND), Cristina Barrias (CB), Karine Anselme (KA), Sandra Van Vlierberghe, Matteo D'Este, Maria Grazia Raucci (MGR)

Guest | Laura Gandhi - Biomaterials Science Journal

NS Presidents participants: Hanna Tainen (Scandinavia), Diego Velasco Bayon (Spain) represented by Luis Rodriguez, Dionysios Mouzakis (Greece) represented by Maria Chatzinikolaïdou, Elzbieta Pamula (Poland), Joelle Amédée (France), Martin Ehrbar (Switzerland), Markus Rottmar (Switzerland), Michael Gelinsky (Germany), Aurélie Carlier (Netherlands) represented by Jeroen Leijten, Iulian Antoniac (Romania), Minna Kellomäki (Finland), Silvia Farè (Italy)

Agenda

1. **President's update (AP)**
 - iUSBE President and Secretary Elections
 - WBC2024 Activities
 - Next WBC conferences (2028 & 2032)
 - ESB awards
 - ESB-China symposium
 - ESB Education Awards
 - Journal - Biomaterials Science
2. **Joint actions (MGR):**
 - Session @ESB2023
 - Webinar series organization:
 - Spring event feedback
 - Autumn event
 - Webinars in 2024
 - Symposium @WBC2024
 - PhD students' exchanges
3. Scheduling of the mid-term meeting
4. AOB

76



European Society for Biomaterials

Engagement with National Affiliated Societies

OUTCOMES | Webinar Series

ESB Webinar Series National Societies

- Webinar will be held 2 times per year, i.e., 1 time per semester.
- Speakers: national society awardees (recommended), or other national speakers selected by the President of national society.
- All speakers and topics should be approved by the Liaison Officer National Affiliated Biomaterials Societies (Dr. Maria Grazia Raucci).
- Timing: at lunch time 12:00-13:30 (CEST), or at other times that work for the speakers and host societies.
- Talks should be 20 min (3 talks; 15' presentation + 5' discussion), allowing for 10 min conclusions.

77



European Society for Biomaterials

Engagement with National Affiliated Societies

OUTCOMES | Webinar Series

Spring Webinar

European Society for Biomaterials & National Affiliated Societies

WEBINAR SERIES 2023: National Society Awardees

10 MAY 2023 | 12:00-13:30 (CEST)

CHAIRS: Maria Grazia Raucci* and Ana Pêgo†

*Instituto de Polímeros, Composites and Biomaterials – National Research Council (IPC/CNM)
†Instituto de Investigação e Inovação da Universidade do Porto (I3P)

SCANDINAVIAN SOCIETY FOR BIOMATERIALS (SCSB)
Pekka Vallittu, Hybrid composite of fiber glass and bioactive glass in bone repair

IBERIAN SOCIETY FOR BIOMATERIALS & BIOMECHANICS
Pedro M Alves, Anticorrosion peptide-decorated particles to fight infection in skin chronic wounds

BIOMAT
Jerome Sohler, Porous and injectable hydrogels: from hurdles to potentials

<https://www.esb-europe.org/2023/05/10/2023-05-10-12-00-13-30-CEST/>

SAVE THE DATE

Pekka Vallittu (SCSB)

Pedro M. Alves (SIBB)

Jerome Sohler (BIOMAT)

78

Engagement with National Affiliated Societies

OUTCOMES| Webinar Series
Spring Webinar
Participant registration: 288

Promoted by:
✓ ETP-Nanomedicine

Position

Gender

✓ ESB website and social media

79

Engagement with National Affiliated Societies

OUTCOMES| Webinar Series
Autumn Webinar

Speakers from:

- Swiss Society for Biomaterials and Regenerative Medicine
- Italian Society for Biomaterials
- Hellenic Society for Biomaterials

Potential date & time:
16.11.2023 | 12:00-13:30 (CEST)

80

Engagement with National Affiliated Societies

OUTCOMES
ESB N.Societies - Tissue-biomaterial biointerfaces: strategies to understand the integration
Room Aspen, Wednesday, 6 September 2023, 10:30am-12:00pm
Chaired by Maria Grazia Raucci & Maria Chatzinikolaïdou

10:30 | k1 Communication at Biointerfaces
Peter Thomsen, Department of Biomaterials, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

11:00 | O1 Prevention of aortic anastomotic leakage using a surgical adhesive based on catechol group modified Alaska pollock gelatin
Kazuhiro NAGASAKA, University of Tsukuba, Ibaraki, Japan.

11:15 | O2 Effect of surface properties on the vascular biocompatibility of 3D-printed shape-memory alloys for the development of smart cardiovascular implants
Jesús ORDOÑO, MDEA Materials Institute, Getafe, Spain

11:30 | O3 Influence of training in bone healing around bio-resorbable implants imaged by scattering methods
Irene RODRIGUEZ FERNANDEZ, PSI, Villigen, Switzerland

11:45 | O4 Characterizing materials-tissue interface and in vivo bone regeneration of critical-sized bone defects loaded with osteogenic ceramic granules
Oihane MITXELENA-IRIBARREN, Biodonostia Health Research Institute, San Sebastian, Spain

81

Engagement with National Affiliated Societies

OUTCOMES
WBC2024 | NS Joint Symposium

Status | Abstract Approved by Organizing Committee

Title of the accepted symposium | **Advanced Biomaterials with sensing properties to overcome the XXI century health challenges**

Chaired by Maria Grazia Raucci & Ana Paula Pêgo

Keynote speaker | Katja Schenke-Layland - Eberhard Karls University Tübingen
Title | Raman microspectroscopy and imaging for the assessment of cells and tissues

Invited speaker | Matteo Santin - University of Brighton
Title | Biomimicry at nanoscale level: a step forward towards tissue integration and regeneration

Call for Abstracts
Become involved in WBC 2024 scientific program! Make your contribution to the advancement of biomaterials by submitting your abstracts **until September 30, 2023!**

82

Interactions and Integration Strategy

Initiatives for increasing integration/cooperation of the ESB and National Societies

- PhD students' exchanges
- Organization of Symposium/Sessions within National Societies conference
- Endorsement/sponsorship of scientific events in other conferences to improve ESB visibility

83

Communication Activities Update

Sandra Van Vlierberghe

84


ESB European Society for Biomaterials

Info Update

ESB Webpage (<https://www.esbiomaterials.eu/>)

- Member profile with search function: VISIBILITY & NETWORKING!
- ESB and ESB-endorsed meetings and other events
- ESB Newsletters and Updates
- New Awards and Awardees
- Promotion of Academic and Research positions

Regular update on ESB activities via social media
(@ESBiomaterials)



85




86

ESB European Society for Biomaterials

Info Update

- >1620 followers
- Follow us @ESBiomaterials
- Main tweets about:
 - YSF retweets
 - Relevant biomaterials journals
 - Awards received by ESB members
 - ESB conferences (@ESB2023 : separate account)



87

ESB European Society for Biomaterials

Industrial Liaison Officer Report

Matteo D'Este

88

ESB European Society for Biomaterials

- Built a GDPR-compliant list of contacts of industrial partners
- Participation in EU Policy:
 - IHI => translational projects with major involvement of industry.
 - HT4EU Alliance => Platform to connect with research institutions, industries, policy makers.
 - Thanks to Abhay Pandit and Peter Dubrue
- Upcoming: space on the new ESB website for industry sponsors

89

ESB European Society for Biomaterials

ESB2023

- One plenary speaker from industry
- Two Translation Sessions co-organized by AODI
 - Startups, industry experts, company funders, discussion on business models, fund raising, IP, build you team
- One Applied symposium on Translation in India and EU
 - S1.6-K1
- Several plenary keynote and oral presenters involved in startups

90



91



92



93



94



95



96




European Society for Biomaterials

Council Change

Ana Paula Pêgo




103



European Society for Biomaterials

Current Council

THANK YOU






Ana Paula Pêgo

Aldo R. Boccaccini

Karine Anselme





104



European Society for Biomaterials

New Council

WELCOME

Nicholas Dunne

Elzbieta Pamula

Jérôme Sohier

Zeinab Tahmasebi Birgani

105



European Society for Biomaterials

New Council Functions

- Will be decided upon and communicated to the members via a newsletter in the next month.

106



European Society for Biomaterials

secretary@esbiomaterials.eu

107



European Society for Biomaterials

THANK YOU!

108