ESB 2021 General Assembly

Warm Welcome!

Attendance list will be obtained from the Zoom Platform

Agenda

Approval of the Agenda
Approval of the 2019 General Assembly minutes
President Report
European IUSBSE Fellows – Update
ESB Awards
Treasurer Report
Auditors Report
ESB Journal update
YSF
Affiliated Societies update
Communication activities update
Industrial partnership update
Future ESB meetings (2022-2026)
Future CESB meeting (2023)
ESB Council Election results
A.O.B.

Please vote: YES / NO

Approval of the 2019 GA Minutes

Ana Paula Pêgo
President Report

Pamela Habibovic

Membership

- New membership scheme implemented in 2018
- Current membership: >1000 members
- Majority obtained membership through registration for the conference, a small part through registration on the ESB website
- With increased number of members, ESB is able to propose new Fellows for the IUSBSE

Current council

- President: Pamela Habibovic (2017-2021)
- Vice-President / YSF: Aldo R. Boccaccini (2019-2023)
- Secretary: Ana Pilgo (2019-2023)
- Treasurer: Marc Böhmer (2017-2021)
- ESB journal: Nicholas Dunne (2019-2023, eligible for re-election)
- Industrial liaison officer: Peter Dubruel (2017-2021)
- Affiliated (national) societies: Silvia Farì (2017-2021, eligible for re-election)
- International and sister societies / conferences: Abhay Pandit (2017-2021)
- Education: Karina Ansellme (2019-2023, eligible for re-election)
- Communication officer: Nicholas Dunne (2019-2023, eligible for re-election)
- Past president: Matteo Santin

Staying connected

- Engagement with IUSBSE - new President, Joachim Kohn and new Secretary, Mário A. Barbosa
- Sessions organized with World Biomaterials Societies at ESB2021:
  - ESB - Latin American Society for Biomaterials, Tissue Engineering and Artificial Organs (LA-SART)
  - ESB - Chinese Society for Biomaterials (CUSBM) joint symposium
  - ESB - US Society for Biomaterials joint symposium
- Memorandum of Understanding with TERMS-EU signed
- Increasing involvement of individual members:
  - Initiative to sponsor members to organise sessions at conferences/events to increase visibility of ESB
European IUSBSE Fellows
Pamela Habibovic

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.

Nomination of new IUSBSE Fellows

- Call for proposals by members:
  - ESB member in good standing
  - ESB member for at least 5 years in the past 10 years
  - Attended at least 5 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 2 members in good standing

Congratulations to the 2019/2020 European IUSBSE Fellows

- Yves Bayon
- Maria Chatzinikolaidou
- Roberto Chiesa
- Lucy Di Silvio
- Michael Gelinsky
- Maria Cristina Martins
- Pedro L. Granja
- Maria Pau Ginebra
- João Mano
- Yannis Missirlis
- Elżbieta Pamuła
- Matteo Santin
- Pierre Weiss

Next call for nominations in 2023
Scientific ESB Awards
2020 & 2021
Pamela Habibovic

Scientific Awards Committee
- Luigi Ambrosio
- Elizabeth Tanner
- Sandra van Vlierberghe
- Previous George Winter awardee (in 2021, João Mano)

Congratulations to the 2020 ESB Awardees
- George Winter award: Pekka Kalevi Vallittu
- Jean Leray award: Riccardo Levato
- International award: David Mooney
- Klaas de Groot award: Clemens A. van Blitterswijk

Congratulations to the 2021 ESB Awardees
- George Winter award: João Mano
- Jean Leray award: Jeroen Leijten
- International award: David Grainger (Talk given at WBC2020)
- Klaas de Groot award: Mário A. Barbosa

Nomination 2022
- Deadline November 30, 2021
- 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
ESB Education Awards 2020 & 2021
Karine Anselme

Education Awards 2020
- Julia Polak European Doctorate Awards
  11 Awardees
  Winners were notified during the YSF General Assembly
  (6th September, 13:00 - 14:00)
- Racquel LeGeros Award
  1 Awardee
  Winner was notified during the YSF General Assembly
  (6th September, 13:00 - 14:00)
- Rudolf Cimdins Scholarships
  No application possible (WBC)
- Presentation Awards during the ESB conference
  No Best Student Oral Presentations (WBC)
  No Best Student Poster Presentations (WBC)

Education Awards 2021
- Julia Polak European Doctorate Awards
  13 Awardees
  Winners were notified during the YSF General Assembly
  (6th September, 13:00 - 14:00)
- Racquel LeGeros Award
  2 Awardees
  Winners were notified during the YSF General Assembly
  (6th September, 13:00 - 14:00)
- Rudolf Cimdins Scholarships
  No application
- Presentation Awards during the ESB conference
  The Four Best Student Oral Presentations
  The Four Best Student Poster Presentations
  Winners will be notified during the Closing Ceremony of the ESB conference
  (9th September, 13:15 - 14:00)

Treasurer Report
Marc Bohner
 Votes

Do you accept the accounting 2019?
Do you accept the accounting 2020?

Accounting 2021
Marc Bohner

Budget 2021

Accounts 2014-2021

Budget 2022
Marc Bohner

Budget 2022
Vote

Do you accept the ESB budget for 2022?

Membership

Marc Bohner

Membership

- 2015: 280
- 2016: 207
- 2017: 288
- 2018: 939 (367, 564 o.)
- 2019: 1082 (395 j, 678 o., 9 h/r)
- 2020: 1237 (465 j, 761 o., 11 h/r)
- 30.08.2021: 886 (439 j, 438 o., 8 h/r, 1 corp./RSC)

Journal Update

Nicholas Dunne

Journal Update

- Jianjun Cheng, Anhui University, China
- Jöns Hilborn, Uppsala University, Sweden
- Khouda Al-Jamal, King’s College London, UK
- Lino Ferreira, University of Coimbra, Portugal
- Shyni Varghese, Duke University, USA
- Pamela Habibovic, Maastricht University, the Netherlands
- Fujian Xu, Beijing University of Chemical Technology, China
- Can Zhang, China Pharma University, China
- Xinyuan Zhu, Shanghai Jiao Tong University, China
Journal Update

2021 Lectureship Winner – Nasim Annabi, UCLA

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

Previous winners include:
2020 – Kanyi Pu, National University of Singapore
2019 – April Kloxin, University of Delaware
2018 – Zhen Gu, University of North Carolina at Chapel Hill & North Carolina State University

Emerging Investigators 2021

Free to read until the end of 2021
rsc.li/bm-emerging-2021

The very best work from biomaterials scientists in the early stages of their independent careers in recognition of their potential to influence future directions.

2021 Ongoing Collections

Emerging Investigators – give us your nominations
ESB 2021 collection – submissions being received
CRISPR Biomaterials – first articles published
HOT articles – updated monthly
Coronavirus collection – free to access

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 available for RSC members.

ESB 2021 collection

Working in partnership with ESB to highlight some of the most interesting research on the conference topic of ‘Future with Biomaterials’.

ESB referees assessed abstracts, Biomaterials Science shortlisted based on topics of interest.
Invites sent on 18 June 2021
Invited papers: 120; Agree to submit paper: 57

Submissions open now until 26 November 2021

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

Young Scientists Forum

Aldo Boccaccini
Overview of YSF activities at ESB2021

- Sunday 5 December:
  - YSF Workshop
  - Sections:
    - Green Lab sustainability
    - Communication Skills
- Monday 6 December:
  - YSF General Assembly (13-14 CET)
  - YSF Night Out – social event (19.30 CET)
- Tuesday 7 December:
  - YSF educational workshop on writing and publishing (13.30 CET)

YSF Green Lab sustainability networking event

Finances 2022

Call for Projects - YSF Workshop Sponsoring 2022

- Initiative launched in ESB 2018
- Budget up to 1200 € (total), partial or total sponsoring or 1+ projects
- Preferred formats: Workshops and Symposia directed to YSF audience
- Aims: To promote professional valorization, training and networking

- 2019: 1 project Approved and sponsored
- 2020: 2 projects Approved: 1 sponsored, 1 postponed
- 2021: 2 new projects Approved
YSF Workshop Sponsoring 2022

- Call open (total amount up to 1,200 Euros)
- DEADLINE: 31st January 2022
- Preferred formats: Workshops and Symposia directed to YSF audience (also online events)

Information about how to apply: https://www.esbiomaterials.eu/Cms/Content/24

18 National Chapters

- Hanna Tiainen
- Ignacio Fernandez
- Kyriakos Spanoudes
- Tom Kamperman
- Jasper Van Hoorick
- Dalia Dranseikiene
- Alfredo Ronca
- Inês Castro Gonçalves
- Pedro F. Costa
- Joana Magalhães
- Jānis Ločs
- Patrycja Domalik-Pyzik
- Thomas Distler
- Olivier Guillaume
- Diana Dragusin
- Selestina Gorgieva
- Athina Bakopoulou
- Ercan Batur
- Janne Koivisto

Young Scientists Forum

Missing countries

- BULGARIA
- CIPRUS
- CROATIA
- DENMARK
- ESTONIA
- HUNGARY
- LITHUANIA
- LUXEMBOURG
- MALTA
- SLOVAKIA

YSF Communication and Dissemination

Aims at:

- Providing a forum for communication for young scientists interested in biomaterials
- Organizing meetings for dissemination of information relating to education and career in matters related to biomaterials

Affiliated Societies Update

Silvia Farè

Complete information/details will be available later in 2021 at: ysf.esbiomaterials.eu

2022 Elections

- YSF will have elections for 5 new representatives (roles are not pre-defined) in 2022

Complete information/details will be available later in 2021 at: ysf.esbiomaterials.eu

YSF National Chapters

2022 Elections

- YSF will have elections for 5 new representatives (roles are not pre-defined) in 2022

Complete information/details will be available later in 2021 at: ysf.esbiomaterials.eu
Engagement with National Societies

- French Society for Biomaterials (BIOMAT)
- Biomaterials and Tissue Engineering Society (Turkey)
- Finnish Society for Biomaterials
- German Society for Biomaterials
- Hellenic Society for Biomaterials
- Iberian Society for Biomaterials & Biomechanics
- Italian Society for Biomaterials (SIB)
- Netherlands Society for Biomaterials and Tissue Engineering (NBTE)
- Polish Society for Biomaterials
- Romanian Society for Biomaterials
- Scandinavian Society for Biomaterials
- UK Society for Biomaterials
- Swiss Society for Biomaterials and Regenerative Medicine

Meeting with Presidents of National Societies by Zoom (05/02/2021)
- Communication about ESB awards
- Update on the Biomaterials Science Journal
- Involvement of national societies in European research funding and Horizon Europe programme
- Initiatives for increasing ESB visibility in other international meetings

Engagement with National Societies

- Initiatives for increasing ESB visibility during 2021
  - awards to young researcher during National Conference sponsored by ESB
  - Scandinavian Society for Biomaterials
  - UK Society for Biomaterials
- Next meeting ESB - National Society Presidents: mid September / mid October

Communication Activities Update
Nicholas Dunne

Info Update

Modification of the ESB Webpage
- Changes to Council membership
- ESB and ESB-endorsed meetings and other events
- ESB Newsletters and Updates
- New Awards and Awardees
- Promotion of Academic and Research positions
- Changes in the information relating to ESB webpages

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

Industrial Liaison Officer Report
Peter Dubrueel
• Organisation of Translational Research Symposia on ESB 2021
  - Regulatory session: Perspective from large companies, SME and MedTech Europe on the new medical device legislation
  - Investment session: Investment rounds in a highly competitive landscape
  - Success stories: Session on tutoring and inspiring the entrepreneurs of the future

• Entrepreneurship @Young Scientist Forum
  - Pitching to investors, from academic research to spin-off company, ...

• Translational Research Symposia on ESB 2022: Planning to be initiated

• Involvement of ESB in EU policy
  - HealthTech4EU Expert Forum:
    - an alliance impacting the research and innovation agenda
    - first meeting: June 2021
    - first target: impact the Innovative Health Initiative agenda (IHI, public-private partnership)
    - involvement from the ESB council: Abhay Pandit and Peter Dubruel

Future ESB Meetings

Abhay Pandit
Hosting Conference

- Updated conference guidelines on website
- Next bid (ESB2027)
- Jan 31\textsuperscript{st}, 2022 - Deadline

Future ESB/WBC Meetings

- 2022: Bordeaux
- 2023: Davos
- 2024: Korea (WBC)
- 2025: Turin
- 2026: Ghent

CESB2023

Aldo R. Boccaccini

Council Elections

Ana Paula Pêgo and Liz Tanner
Council before the election

• Matteo Santin (Past President)
• Abhay Pandit (elected in 2013 and 2017)
• Marc Bohner (elected in 2013 and 2017)
• Pamela Habibovic (elected in 2013 and 2017)
• Peter Dubruel (elected in 2013 and 2017)
• Aldo Boccaccini (elected in 2015 and 2019)
• Ana Paula Pêgo (elected in 2015 and 2019)
• Silvia Farè (elected in 2017)
• Karine Anselme (elected in 2019)
• Nicolas Dunne (elected in 2019)

Voting

• 1 Candidate for re-election
  • Silvia Farè
• 10 New candidates
  • Matthew BAKER, Cristina BARRIAS, Miguel CASTILHO, Matteo D'ESTE, Julien GAUTROT, Håvard Jostein HAUGEN, Joao MANO, Miguel OLIVEIRA, Maria Grazia RAUCCI, Sandra VAN VLIERBERGHE
• Online vote from March 3 to March 31

New Council

• Pamela Habibovic (Past President)
• Aldo Boccaccini (elected in 2015 and 2019)
• Ana Paula Pêgo (elected in 2015 and 2019)
• Silvia Farè (elected in 2017 and 2021)
• Karine Anselme (elected in 2019)
• Nicolas Dunne (elected in 2019)
• Cristina Barrias (elected in 2021)
• Matteo D'Este (elected in 2021)
• Maria Grazia Raucci (elected in 2021)
• Sandra van Vlierberghe (elected in 2021)

Council Change

Pamela Habibovic
New council

WELCOME

Cristina Barrias
Matteo D’Este
Maria Grazia Raucci
Sandra van Vlierberghe

New council functions

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

secretary@esbiomaterials.eu

THANK YOU!