

ESB General Assembly Minutes

Date: Wednesday, 7 September 2022

Time: 11:30 AM – 12:30 PM (Central European Summer Time)

Venue: Room A, The Palais des Congrès, Bordeaux, France

Invited: All ESB 2022 attendees

Present: 426 ESB Members (See Annex 1)

Agenda

- Approval of the Agenda
- Approval of the 2021 General Assembly minutes
- President Report
- ESB Awards
- ESB Education Awards
- Treasurer Report
- Auditors Report
- ESB Journal update
- YSF Update
- Affiliated Societies update
- Communication activities update
- Industrial partnership update
- Future ESB meetings (2023-2027)
- Future CESB meeting update
- A.O.B.

Minutes

The General Assembly was conducted in person during the 32nd ESB Conference at Bordeaux.

Approval of the Agenda

Approved unanimously.

Approval of the 2021 General Assembly Minutes

Approved unanimously.

• President Report

The ESB President, Ana Pêgo, addressed the assembly to:

- present the current council members, as well as their duties within the council and their expected term in office;
- celebrate the contribution of Prof. Etienne Schacht to the field of Biomaterials Science, his long-standing role as an educator and mentor and as an Ambassador of ESB;
- report on the number of ESB members and the advantages of being a society member;
- report on the role of the IUSBSE, how to become an IUSBSE Fellow and the criteria & nomination process for new IUSBSE Fellows in 2023.

ESB Awards

Ana Pêgo presented the ESB Scientific awards and congratulated the 2022 Awardees. It was also highlighted the George Winter Award will be sponsored by Materials Today Bio, which is an Elsevier publication. The Scientific Awards Committee for 2023 was presented. Luigi Ambrosio will step down from the Committee. Abhay Pandit will be part of the committee as the George Winter Awardee of 2022 and Peter Dubruel will also be joining the Scientific Awards Committee for 2023. The requirements for 2023 nominations were presented for each of the ESB Scientific awards. The deadline for the nominations is November 30, 2022.

• ESB Education Awards

Karine Anselme reported on the following education awards:

- Julia Polak European Doctorate Awards 10 Awardees in 2022. The awardees were announced during the YSF General Assembly held on the 6th of September 2022 during ESB 2022.
- Racquel LeGeros Award No applications were received. Social media and ESB newsletters will be used to promote the call for nominations for the Racquel LeGeros Award in 2023. Additionally, there are now two deadlines for nominations (i.e., 31st of May and 30th of Nov).
- Rudolf Cimdins Scholarships there were no applications in 2022. Social media and ESB newsletters will be used to promote the Rudolf Cimdins Scholarship scheme in 2023, as well as an early announcement on the ESB 2023 conference website.
- Presentation Awards during the ESB2022 conference: Four Best Student Oral Presentations and Four Best Student Poster Presentations. Winners will be notified during the Closing Ceremony of the ESB conference (8th September, 12:15 - 13:00).

• Treasurer Report

Silvia Farè presented the Treasurer report, detailing the expenses and revenues of 2021.

Auditor's Report

E. Pamula, on behalf of the Auditors' team (E. Pamula and O. Sigurjónsson), proposed to approve the accounting for 2021. These were approved unanimously.

• Treasurer Report (continuation)

Silvia Farè continued with the Treasurer report to:

- present the proposed budget for 2023 and a breakdown of proposed expenses, which was unanimously approved;
- present the change in number of ESB members from 2015 to 31st of August 2022.

ESB Journal update

Cristina Barrias reported on the recent developments and activities of the RSC Biomaterials Science journal. Namely:

- Impact Factor: 7,590 (2022);
- One Editorial Board member, three Associate Editors (30%), and 30% of the Advisory Board of the journal are based in Europe;
- RSC supported activities at ESB 2022;
- Dedicated Biomaterials Science scientific session took place on the 5th of Sept 2022 at ESB 2022;
- 2022 Biomaterials Science Lectureship award (Dr. Yizhou Dong, Ohio State University, USA);
- 120 invitations were issued for the ESB 2021 collection, 43 submissions were received and 19 manuscript were accepted for publication in RSC Biomaterials Science (i.e., 44% acceptance rate);
- ESB 2022 collection (50 invitations issued in July 2022 and 16 have agreed to submit a manuscript);
- Current benefits to ESB Members.

YSF Update

Aldo Boccaccini reported on the activities of the Young Scientists' Forum, namely:

- Aims and objectives of YSF
- Previous and current YSF Board members;
- Overview of YSF scientific sessions and social activities at ESB 2022;
- YSF budget for 2022 and the provisional YSF budget for 2023;
- Representatives of 19 local YSF chapters and call for identification of YSF representatives in countries without a representing member;
- Overview of YSF National Chapter initiatives relating to scientific symposia, educational activities and networking events;
- Presentation of four YSF sponsored projects for 2021 and 2022;
- Call for Projects YSF Workshop Sponsoring 2023 (Deadline January 31, 2023);
- YSF Communication and Dissemination;
- YSF Logo Design competition.

Affiliated Societies update

Maria Grazia Raucci reported on the:

- Updated list of National Societies;
- Activities and discussions towards the engagement of the ESB with all the Affiliated Societies conducted during the current year (i.e., 16th of Feb 2022 and 5th of Sept 2022);
- Scientific symposium session (titled "Sustainability of Biomaterials") on the 8th of Sept 2022 during ESB 2022.

• Communication activities update

Sandra Van Vlierberghe communicated on the:

- Development of the new ESB website;
- Twitter activity from @ESBiomaterials and the increase in Twitter followers to >1,220.

• Industrial partnership update

Matteo D'Este reported on the:

- Development of a strategic plan to increase interaction and leverage links between academic and industrial researchers;
- Organisation of translational research, technological and clinical symposia sessions during ESB 2022;
- Implementation of a "Startup Village" during ESB 2022;
- ESB involvement in EU policy via HealthTech4EU initiative.

• Future ESB meetings (2023-2027)

Sandra Van Vlierberghe presented the dates and location of the next ESB meetings and World Biomaterials Congress.

- ESB2023 will take place in Davos, Switzerland between 4-8 of September;
- CESB2024-Erlangen (Germany) is currently being planned.
- WBC 2024 will take place in Daegu, Republic of Korea between 26-31 of May;
- ESB2025 will take place in Torino, Italy between 7-11 of September;
- ESB2026 will take place in Ghent, Belgium between 7-11 of September;
- ESB2027 will take place in Uppsala, Sweden (dates to be confirmed);
- Bids for the organisation of the ESB2029 will be taken until January 31st, 2024.

• A.O.B.

ESB Council Elections 2023

Nicholas Dunne reported on the details for the forthcoming ESB Council elections. A total of four seats will become available in the council starting from September 2023. Details of the nomination process will be available on the *Election* web page of the ESB website from December 2022. The deadline for nominations will be February 28, 2023. Online voting will take place between March 3 and 31, 2023.

The slides of the general assembly are appended (see Annex 2) and reflect in detail the content of the general assembly.

Annex 1

ABDO Amir

ABELANET Alice ACOSTA Sergio

AGUILAR Maria Rosa

AHN Sug-Joon

ALEEMARDANI Mina

ALEHOSSEINI Morteza

ALT Franziska

ALTOMARE Lina

ALVAREZ PINTO Zaida

AMBROSIO Luigi

AMÉDÉE Joëlle

ANASTASIOU Antonios

ANGULO Carolina

ANSELME Karine

ANTALA Richard

ARAÚJO Marco

ARIAS-GONZÁLEZ Felipe

ARTUSI Chiara

ATILA Deniz

AUBERT François

AUBRY Clementine

AYADEN Liam

BABILOTTE Joanna

BAGCI Gülsün

BAGNOL Romain

BAKHT Syeda Mahwish Bakht

BALINT Tomáš

BANDIERA Antonella

BANKOUE NTATE Martial

BARBOSA DOMINGUES Beatriz

BAREILLE Reine

BARRIAS Cristina

BARRINO Federico

BASOZ Deniz

BAYON Yves

BECKER Malin

BEKTAS TAS Ezgi Irem

BELAID Habib

BELAMIE Emmanuel
BELVISO Immacolata

BEN ABLA Amina

BENKO Aleksandra

BERNIAK Krzysztof

BEYA BOB Robert

BEZJAK Dragica

BIDER Faina

BLANCHARD Camille
BLOEMEN Veerle
BOCCACCINI Aldo
BOCIAGA Dorota

BOEUF Hélène

BOHNER Marc
BOISSIÈRE Michel
BOIZIAU Claudine
BONFIELD Jack
BORGES João
BORGES João
BORGET Pascal
C. GONÇALVES Inês

CAMARERO-ESPINOSA Sandra

CAMERON Ruth

CAMPIGLIO Chiara Emma

CAPRASSE Jérémie CARRÊLO Henrique

CARVALHO Eva

CASTANO LINARES Oscar

CASTILHO Miguel CASTRO MARÍA Ángela

CAVALIERE Giulio
CELIKKIN Nehar
CHAPARRO Catarina

CHATZINIKOLAIDOU Maria

CHAUSSE CALBET Victor

CHEN Menglin CHEN Changhui

CHIAPPINI Ciro

CIARDELLI Gianluca

COLOMINA ALFARO Laura

COMBES Christèle

COMPÉRAT Léo

CONTESSI NEGRINI Nicola

COOKSLEY Grace

CORDOVA Gonzalo

CORTÉ Laurent

COSTA Rui

COVARRUBIAS Cristian

CROFT Elliot

CUNHA Anthony

D'ARROS Cyril

D'ESTE Matteo

DA SILVA Arua Clayton

DAI Michèle

DALMONICO Gisele

DAOU Farah

DE JONG Pier
DE OLIVEIRA Hugo
DEMIR OGUZ Öznur
DESIGAUX Théo

DI FILIPPO Maria Francesca

DI MEO Celeste DIBA Mani

DJOUDI Mounir

DOMALIK-PYZIK Patrycja

DOMINGUES Rui

DOSER Michael

DOUEST Yohan
DROUET Clément

DU Xiaoyu

DUBRUEL Peter
DUCEAC Ioana
DUFAUD Marjorie

DUFFY Garry Paul DUNNE Nicholas

DURRIEU Marie-Christine

DUTTA Deepanjalee

ECHEVERRI CORREA Estefanía

EGLE Karina EGLIN David EHRET Camille

EISCHEN-LOGES Maria José

EL HAJJ Soukaina

ELAHPOUR Nafise

ENGEL Elisabeth

FARE' Silvia

FARIAS MANCILLA Barbara

FEELY Sarah

FERNÁNDEZ VILLA Daniel

FERRAND Audrey
FERREIRA Helena
FILLAUDEAU Arnaud

FORNAGUERA PUIGVERT Cristina

FRANCO Albina
FRAUENLOB Martin
FRAULINI Francesca
FURLANI Franco
FURMIDGE Rachel

GALLI ENGLER Leonardo

GANJIAN Mahya

GARCIA Andrea

GARCIA FERNANDEZ Coral

GARCIA-ALONSO Cristina

GARISOAIN Zoé

GARRIDO Claudia

GASPAR Vitor

GAUTHIER Rémy

GELINSKY Michael

GENZOW Meike

GERING Christine

GERVASO Francesca

GHANDHI Laura

GHANDOUR Salim

GHASEMZADEH HASANKOLAEI Maryam

GHORBANI Farnaz

GINEBRA Maria-Pau

GIOL Elena Diana

GLADYSZ Magdalena

GLUAIS Maude

GOBBO Virginia Alessandra

GOMES Manuela

GOMES Diana

GONCALVES Raquel

GONÇALVES Adriana

GOÑI Isabel

GONTIJO DA SILVA Flavia

GRAVA Andra

GRIVET-BRANCOT Arianna

GRUBYS Osvaldas

GRUHN Dierk

GRZESZCZAK Ana

GUAGLIANO Giuseppe

GUERRERO Julien

GUICHEUX Jerome

GUILLAUME Olivier

GURRUCHAGA Mariló

H. ESCALERA Carmen

HABANJAR Ola

HABIB Michel

HAMIDIMasoud

HAMMER Tobias

HANDSCHIN Charles

HARBERTS Jann

HE Lei

HEGE Cordula

HELLO Emma

HINDIÉ Mathilde

HOMAEIGOHARShahin

HÜLSMANN Jörn

IQBAL Haffsah

IRLAM Rachel

JAFFERY Hussain

JIN Minye

JUNG Nathalie

JÜNGSTTomasz

KATSAROS Ioannis

KAUR Palwinder

KAWECKI Fabien

KEIKHOSRAVANI Pardis

KERIGNARD Eloïse

KEUTMANN Sabine

KHATAMI Neda

KIM Jin Beom

KLUFTS-EDEL Arthur

KNAP Karolina

KNARVANG Torbjørn

KOLE Gozde Ervin

KOSOVARI Melissa

KOVRLIJA Ilijana

KRIEGHOFF Jan

KRUPPKE Benjamin

KUTH Sonja

KYAMBADDE Alfred

LA GATTA Annalisa

LABOUR Marie-Noëlle

LACEY Joe

LAFITTE Guillaume

LALLUKKA Mari

LAMRET Fabien

LARRAÑAGA JAURRIETAGarazi

LARSSON Lisa

LATTANZI Giulia

LAYROLLE Pierre

LE NIHOUANNEN Damien

LEE Poh Soo

LEIJTEN Jeroen

LETOURNEUR Didier

LI Jiaping

LIGNERON Jérôme

LINS Luanda

LINTI Carsten

LIU Chih-Syuan

LIU Shuanfu

LLUSAR Elodie

LOGEART Delphine

LONGO Elena

LOPES CARDOSO FILHO João Carlos

LOPEZ SERRANO Cristina

LOUIS Fiona

LUCAS Anita

MAALOUF Mathieu

MACIEL Bruna Regina

MAEVSKAIA Ekaterina

MAILLARD Mathilde

MAJOR Roman

MARIELLA Rosalia

MARQUES Alexandra P.

MARTÍN JIMÉNEZ Cristina

MARTINIER Isabelle

MARTINS Cristina

MATESANZ Ana

MATHIEU Noelle

MEAZZO Martina

MÉDINA Chantal

MELORODRIGUEZ Gabriela

MENDIBIL Unai

MERCO Miriam

MEURICE Edwige

MIGNON Arn

MIKLOSIC Gregor

MINSART Manon

MISSIRLIS Yannis

MITRACH Franziska

MONTUFAR Edgar B.

MORÁVKOVÁ Karolína

MOREIRA TEIXEIRA Liliana

MORONI Lorenzo

MUÑOZ CASTRO Natalia

NAJMI OTERABAD Ziba

NAVALON LOPEZ Maria

NAVARRETE SEGADO Pedro Jesús

NEWLAND Ben

NICA Valentin

NIKODY Martyna

NIKOLITS Ilias

NILSSON ÅHMAN Hanna

NORKUS Skirmantas

NOURI GOUSHKI Mahdiyeh

O'REILLY Muireann

OATES William

OLDERBØ Bergitte Pearl
ONESTO Valentina
ÖZDABAK SERT Ayse Buse

PAEZ Julieta

PAIVA DOS SANTOS Bruno

PALVAI Sandeep Kumar PAMULA Elzbieta

PANDIT Abhay

PAPA Steve

PAPPALARDO Roberta

PARK Yeseu PASINI Chiara

PASQUALE Claudio
PASQUET Charlotte
PATTERSON Jennifer
PAVARINI Matteo

PÊGO Ana Paula

PELLEGRINO Rebecca PÉREZ ARALUCEMaría

PERSSON Cecilia

PICART Catherine

PIÑERA AVELLANEDA David

PISTILLO Michele

PITTON Matteo

PLESEC Vasja

POLINI Alessandro

POTART Diane PUDELKO Iwona

PUERTAS BARTOLOMÉ Maria

PUIGGALI JOU Anna
PUISTOLA Paula
PUSCHHOF Jens
QUÍLEZ LÓPEZ Cristina

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QUINTAS Paula

RAI Akhilesh

RAMÍREZ MORALES María Antonieta

RAMOS-DÍEZ Sandra

RANDRIANTSILEFISOA Rotsiniaina

RAUCCI Maria Grazia

RAVIPATI Priusha

RAWAT Niharika

REBELO Ana Lúcia

REIS Rui

RICHTER Richard Frank

RIMONDINI Lia

RITZ Ulrike

RIZVI Syed Wahaaj Ali

ROBINSON Thomas

RODRIGUEZ LORENZO Luis

RODRÍGUEZ-CABELLO José Carlos

ROERIG Josepha

ROHMAN Geraldine

RONCA Alfredo

ROQUE Micaela

ROSSI Andre

ROTTMAR Markus

SACCO Anna Maria

SALAR AMOLI Mehdi

SALBER Jochen

SALINAS Antonio J.

SAMMON Chris

SANCHEZ Javier

SÁNCHEZ LÓPEZ Luna

SANTIN Matteo

SANTOS BEATO Patricia

SARANGOVA Victoria

SARGIOTI Nikoletta

SCALIA Alessandro Calogero

SCHIAFFINO Matteo

SCHIRALDI Chiara

SCHMIDT Amanda

SCHÖNLEIN Richard

SCHREIBER Lucien

SCIORTINO Antonio

SENIOR Jessica

SENNI Karim

SERAFIN Aleksandra

SERRA Tiziano

SEVINÇ ÖZDEMIR Neval

SEYER Damien

SHARIPOVA Aliya

SHAYYAGhannaa

SHINODA Shunsuke

SHINOHARA Yuko

SIMÕES Beatriz

SIMON-YARZA Teresa

SIRJANI Elaheh

SKORUPA Malgorzata

SMIRANI Rawen

SOARES Paula

SOATO Matteo

SOUZA PLATH André Mathias

SPANOU Andrea
SPENCER Ana
STAMBOULIS Artemis
STAUNTON Katrina
STIPNIECE Liga

STOKES Alexander

SUAY ANTÓN Julio

SYED MOHAMED Syed Mohammad Daniel

TADIC KRIPPENDORF Vedrana

TAMAY Dilara Goksu

TANNER Elizabeth

TEXIER Isabelle

THORAVAL Léa
TIODOROVIC Vera
TOMASINA Clarissa
TORRADO Marília

TOUYA Nicolas

TROMP Lisa

TSACHOURIDIS Konstantinos

TZAGIOLLARI Antzela

ŠUGÁR Peter

UNALAN Irem

VALEO Michele

VAN DAELE Lenny

VAN VLIERBERGHE Sandra

VANNOZZI Lorenzo

VARONIElena Maria

VELARDFrédéric

VILLAPUN PUZAS Victor Manuel

VITRY Julien

VOGEL-KINDGEN Sarah

VOLPINI Cristina

WANG Haoyu

WANG Xiaoju

WARD Emma

WEI Gengyao

WEISS Pierre

WENDT Camila

WILK Sebastian

WILLEMEN Niels

WÖLK Christian

WYCHOWANIEC Jacek

XIA Wei

XIAN Guoyan

ZALITE Vita

ZAMORA BÉCARES Paula

ZARE Mohadeseh

ZATTARIN Elisa

ZEGWAART Jan-Philip

ZHANG Huijun

ZHANG Huijie Lillian

ZHANG Xingzhen

ZHANG Yujie

ZLOTVER Ivan

ZYKWINSKA Agata

Annex 2





Warm Welcome!



Attendance list will be taken on entry to General Assembly 2022



Agenda

- Approval of the Agenda
 Approval of the 2021 General Assembly minutes
 President Report
- ESB Awards
- ESB Education Awards
- Treasurer Report
- Auditor's Report
- ESB Journal update
- YSF Update
- Affiliated Societies update
- Communication activities update
- Industrial partnership update Future ESB meetings (2023-2027)
- Future CESB meeting update





2021 GA Minutes

(available @ our website)

ESB General Assembly Minutes

10:15 AM - 11:15 AM (Central European Summer Time)

All ESB 2021 attendees 380 ESB Members (See Annex 1)

Agenda (as sent by email to all members on August 26, 2021)

- Approval of the Agenda
- Approval of the 2019 General Assembly minutes
- President Report



Ana Paula Pêgo



Current Council

- President: Ana Paula Pêgo
- Vice-President / YSF: Aldo 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





Prof. Etienne Schacht

Science

- Pioneering crosslinkable gelatin
- Fellow of the International Union of Societies for Biomaterials Science and Engineering (IUSBSE)
- Education
- Mentorship
- Ambassador of our society
 - Served in the ESB council between 2002 and 2011, being ESB Vice-President between 2009-2011
 - Established the Julia Polak **European Doctorate Awards**





ESB Council, Barcelona, 2002



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)

 - **Education Awards**
 - Sponsor members to organize sessions conferences/events to increase visibility of ESB and Biomaterials



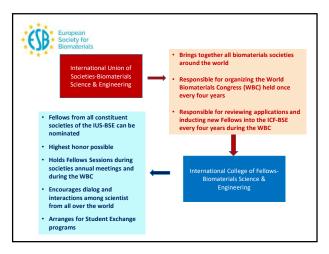
Engagement with Peers

- Engagement with National Societies
- Engagement with IUSBSE (President: Joachim Kohn and Secretary:

Meetings every trimester Organization of WBC2024 Commission to define WBC bidding process (Abhay Pandit) MOU with TERMIS Global

- Sessions organized with World Societies @ESB2022 Canadian Society / ESB
- Joint sessions proposed @SFB2023 and @TERMIS-EU 2023
- CESB 2024 Erlangen (Germany) currently being planned

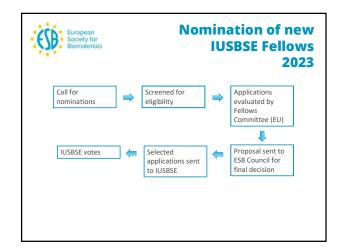






IUSBSE Fellows

- 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 2023

- 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
 - 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
- Coming call in 2023 (to be announced)





ESB Scientific Awards

- George Winter Award for outstanding contribution to the field of
- 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

Scientific Awards Committee 2022









2021 George Winter Awardee Pekka Kalevi Vallittu



Congratulations to 2022 Awardees









Klaas de Groot Award Rui L. Reis

George Winter Award Sponsorship

€2,000 by Elsevier / Publication @materialstodayBIO



Joao Mano University of Aveiro Chemistry Department, Aveiro, Portugal



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 biolimaging, therapies and diagnostics in healthcare, the journal will capture the most exciting advances and discoveries within this fields.

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

materialstoday

George Winter Abhay Pandit

Jean Leray Award Khoon Lim

International Award Joachim Kohn

Nomination 2023

- Deadline November 30, 2022
- 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



Scientific Awards Committee 2023











Miroslawa El Fray

Peter Dubruel

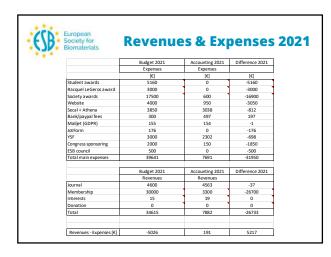
2022 George Winter Awardee Abhay Pandit

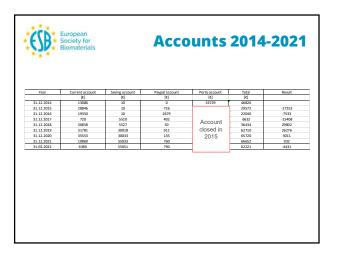


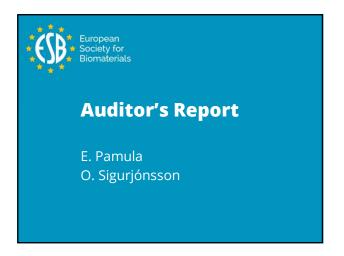


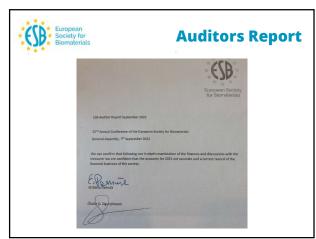










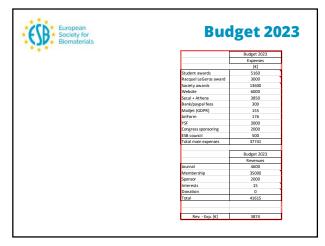


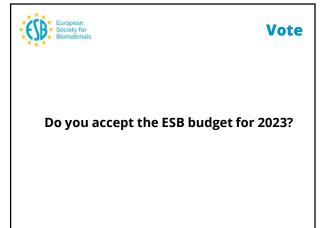


Votes

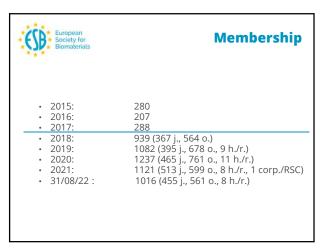
Do you accept the account report from 2021?







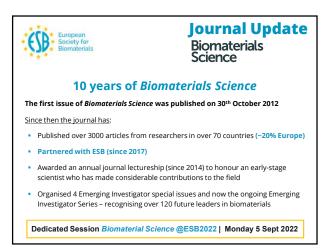








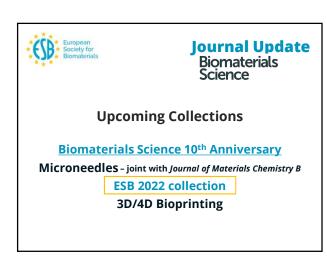


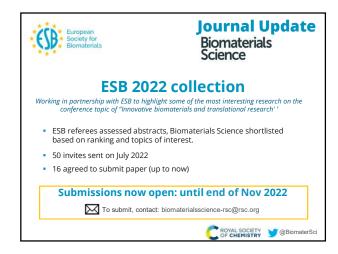


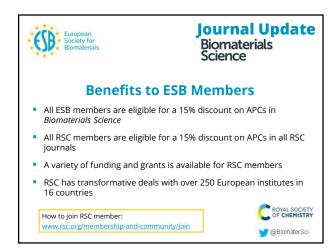
















Aims

- Promote biomaterials education and training in Furning
- 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







Young Scientists Forum

Overview of YSF activities at ESB2022

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

Part I: Science Outreach and Lab to Market

• Tuesday, September 6 - 17:15-18:15 (CET)

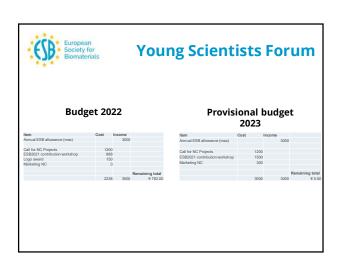
Part II: Mental Health

• Tuesday, September 6 18:30-19:30



ESB-YSF General Assembly

- Tuesday, September 6 20:15 late
- · YSF Night Out

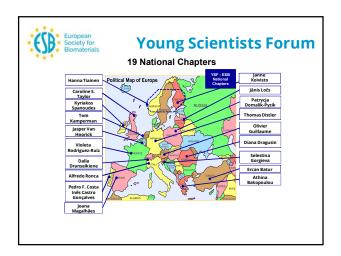




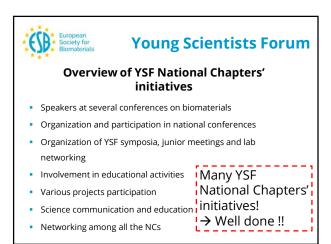
YSF National Chapters are young ESB members* who:

YSF National Chapters

- 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
- *below the age of 40
- **appointed by the National Society President









Young Scientists Forum

Call for Projects - YSF Workshop Sponsoring

- 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
- 2021, 2022→ 2 successful project applications were sponsored



Young Scientists Forum

YSF sponsored projects 2021

2021 Awardees: Dr Thomas Distler & Dr Bruno Paiva dos Santos

Dr Thomas Distler – online webinar series: i) What's next? – Career perspectives for young scientists; ii) Scientific writing: Paper writing, iii) Scientific writing: From invention to patent, iv) Scientific writing: Interactive workshop on thesis writing; v) Gender in Science

Dr Bruno Paiva dos Santos – the Young Scientists Committee (YSC)-BIOMAT organizes a one-day conference dedicated to the French community of young biomaterials scientists during the Congress Biomat 2021



YSF sponsored projects 2022

2022 Awardees: Dr Bert Van den Bogerd & Dr Paula Soares

Dr Bert Van den Bogerd - is to help organize the Annual Meeting for the Belgian Society for Tissue Engineering (2 - 3/12/2022). This conference is dedicated to the Belgian community of young biomaterials scientists. It covers the whole domain of tissue engineering and aims to bring together a mix of different scientific backgrounds.

Dr Paula Soares - is the Regulatory Affairs in Biomaterials and Biomedical Devices. A symposium for early career scientists which brings closer aspects of regulatory affairs that young scientists in biomaterials and biomedical sciences should keep in mind in due time.

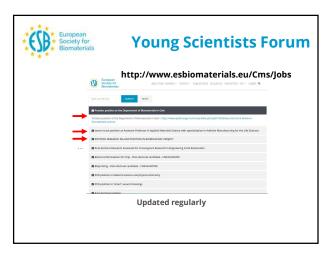


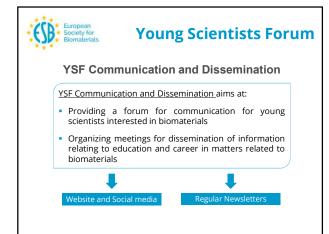
Young Scientists Forum

Call for Projects 2023 - will be open soon!

- YSF will open a Call for a Project to be sponsored, up to €1,200 (total)
- Aim: To promote professional valorization, training and networking
- Preferred formats: Workshops and Symposia directed to YSF audience
 - Information about <u>how to apply</u> and will be available soon
 - at the YSF microsite (<u>ysf.esbiomaterials.eu</u>)











YSF Logo Design Competition

- YSF-ESB is happy to announce the YSF logo design competition.
- We are European young scientists passionate about biomaterials. Let's find a logo that will give us identity and we will be proud to use!



National Affiliated Societies Initiatives

Maria Grazia Raucci



Engagement with National Affiliated Societies

SOCIETY	COUNTRY	PRESIDENT
BIOMAT	France	Joelle Amédée
Biomaterials and Tissue Engineering Society	Turkey	Y. Murat Elcin
Finnish Society for Biomaterials	Finland	Minna Kellomaki
German Society for Biomaterials	Germany	Michael Gelinsky
Helenic Society for Biomaterials	Greece	Dionysios Mouzakis
Iberian Society for Biomaterials & Biomechanics	Spain	Diego Velasco
Italian Society for Biomaterials	Italy	Silvia Farè
Netherlands Society for Biomaterials and Tissue Eng.(NBTE)	Netherlands	Patrick van Rijn
Polish Society for Biomaterials	Poland	Elżbieta Pamuła
Romanian Society for Biomaterials	Romania	Iulian Antoniac
Scandinavian Society for Biomaterials (SCSB)	Scandinavia	Cecilia Persson
UK Society for Biomaterials	UK	Paul Roach
Swiss Society for Riomaterials and Regenerative Medicine	CH	Martin Ehrbar



Engagement with National Affiliated Societies

First Meeting with Presidents of National Societies by Zoom

Feb 16, 2022 | 12:30-13:30

Aim | Submission to the Call for Symposia ESB2022 Topic of symposium: SUSTAINABILITY OF BIOMATERIALS

Objectives:

- 1. Improve the networking among all Presidents of National Affiliated Societies;
- 2. Share the new strategies for the development of sustainable biomaterials following 2030 Agenda guidelines "Good Health and Well-Being";
- 3. Analyze the three aspects involved in the development of sustainable biomaterials: economic and environmental sustainability in biomaterials research and the developmental sustainability;
- 4. Discuss on the possible role of National Affiliated Societies in promoting activities at EU level on the biomaterial sustainability.



Engagement with National Affiliated Societies

Thursday 8 September - 09:00 - 10:30 [Room B] | ESB N. Societies - Sustainability of

Chaired by Maria Grazia Raucci & Marc Bohner

09:00 | KL1 Sustainability of biomaterials - Sustainability of Additive Manufacturing Technologies to create Smart Scaffolds for Regenerative Medicine
Lorenzo MORONI, Complex Tissue Regeneration Department, MERLN Institute for Technology-Inspired Regenerative
Medicine, Masstricht University, Masstricht, The Netherlands
09:20 | KL2 Sustainability of biomaterials - Sustainable Biomaterials of bacterial origin and their use in Biomedical
Applications
Ipsita ROY, University of Sheffield, Sheffield, United Kingdom

10:00 | OT Sustainability of biomaterials - Sustainable highly elastic hydrogels made from naturally-derived materials for biomedical applications
Guy DECANTE, 3BS Research Group, 13Bs - Research Institute on Biomaterials, Biodegradables and Biomimetics, University of Minlho, Barco GMR, Portugal; CVS/3BS - PT Government Associate Laboratory, Braga/Guimardes, Portugal.

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Engagement with National Affiliated Societies

Second Meeting with Presidents of National Societies

Sept 05, 2022 | 12:30-13:30 [Room G1]

Participants | ESB Council: Cristina Barrias, Aldo Boccaccini, Matteo D'Este, Ana Pêgo, Maria Grazia

NS Presidents participants: Cecilia Persson (Scandinavia), Diego Velaco Bayon (Spain) represented by Luis Rodriguez, Dionysios Mouzakis (Greece) represented by Maria Chatzinikolaidou, Elzbieta Pamula (Poland), Joelle Amédée (France) represented by Pierre Weiss, Martin Ehrbar (Switzerland) represented by Markus Rottmar, Michael Gelinsky (Germany), Patrick van Rijin (Netherlands) represented by Jeroen Leijten, Silvia Farè (Italy)

- 1) President's update
- IUSBSE interaction
- New website
- ESB Scientific Awards (Elsevier Sponsorship) and ESB Education Awards
- Journal Biomaterials Science
- Memorandum of Understanding (MoU) between ESB & EUROMAT
- Honorary members



Engagement with National Affiliated Societies

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Agenda

2) Joint action suggestions

- Thematic Webinars [Proponents | 2-3 National Affiliated Societies for each webinar]
- Session @ESB2023
- PhD students' exchanges (Education Awards)
- Call for the ESB Congress 2029 bid
- 3) Scheduling of the mid-term meeting (November virtual meeting)



Interactions and Integration Strategy

Initiatives for increasing integration/cooperation of the ESB

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





Info Update

New ESB Webpage

- 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)







Situation

- Despite "translational" research industry involvement is sometimes limited
- Involvement of industry with ESB is increasing: reinforce this trend
- Most PhD graduates will work in industry

Strategic plan:

- Build a GDPR-compliant list of contacts of industrial partners
- New website: create space for industry sponsors
- Leverage start ups as link between academic and industrial researchers



ESB2022

- 2 translational sessions.
- 4 technological sessions
- 2 clinical sessions
- Lunch meeting "Meet the Industrials"
- Startup Village

Yves Bayon Didier Letourneur Joëlle Amédée





ESB involvement in EU policy

- HealthTech4EU
- Better match and integrate scientific results with new healthcare demands and emerging industrial portfolios
- Matchmaking event May 2022
- Target: impact the Innovative Health Initiative agenda (IHI, public-private partnership)
- Abhay Pandit, Peter Dubruel and Matteo D'Este



Future ESB Meetings

Sandra Van Vlierberghe













- Next bid (ESB2029)
- Jan 31st, 2024 Deadline





Current Council

- Ana Paula Pêgo (elected in 2015 and 2019)
- Aldo Boccaccini (elected in 2015 and 2019)
- Silvia Farè (elected in 2017 and 2021)
- Karine Anselme (elected in 2019)
- Nicholas 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)
- Pamela Habibovic (Past President)



Current Council

Term of Office Complete in Sept 2023

- Ana Paula Pêgo (elected in 2015 and 2019)
- Aldo Boccaccini (elected in 2015 and 2019)

Eligible for Re-election in March 2023

• Nicholas Dunne (elected in 2019)

Currently ESB Secretary

• Karine Anselme (elected in 2019)

Currently Education Officer

Online vote from 3rd March to 31st March 2023



secretary@esbiomaterials.eu nicholas.dunne@dcu.ie

