





European Society for Biomaterials

ESB 2019 General Assembly



European Society for Biomaterials

Warm Welcome!



European Society for Biomaterials


Attendance list Don't forget to sign!



European Society for Biomaterials

Agenda

- Approval of the Agenda
- Approval of the 2018 General Assembly minutes
- President Report
- CESB2019 report and future meeting
- European IUSBSE Fellows – 2019 Nomination Process
- Treasurer Report
- Auditors Report
- ESB Journal update
- YSF
- Affiliated Societies update
- Communication activities update
- Industrial partnership update
- ESB Educational Awards
- Summer School update (under discussion) - withdrawn
- Future ESB meetings (2023 and 2025)
- ESB Council Election results (E. Tanner)
- ESB Council Members' functions
- A.O.B.



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Approval of the 2018 GA Minutes

Ana Paula Pêgo



European Society for Biomaterials

2018 GA Minutes (available @ our website)



ESB General Assembly Minutes


Date: Sept 12, 2018
Time: 13:15-14:30
Venue: Plenary room, Auditorium 1, MECC, Maastricht
Invited: All ESB 2018 attendees
Present: 237 ESB Members



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President Report


Pamela Habibovic



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Current council

- President: Pamela Habibovic (2017-2021)
- Vice-President / education / awards: Joëlle Amédée (2015-2019)
- Secretary: Ana Pêgo (2015-2019 eligible for re-election)
- Treasurer: Marc Bohner (2017-2021)
- ESB journal / YSF: Aldo R. Boccaccini (2015-2019 eligible for re-election)
- Industrial liaison officer: Peter Dubruel (2017-2021)
- National Societies: Silvia Farè (2017-2021 eligible for re-election)
- International relations / conferences: Abhay Pandit (2017-2021)
- Communication officer: Carlos Rodríguez-Cabello (2015-2019 eligible for re-election)
- Past president: Matteo Santin



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Activities related to current status of the field of biomaterials in Europe

- Participation at INDUSTRIAL TECHNOLOGIES 2018: Innovative industries for smart growth (INDTECH2018) conference, 29-31 October 2018, Vienna, Austria.
 - European Commission's most prominent biannual conference on industrial technologies
 - Chair session "Innovative Industry for Citizens: Biotechnologies and Biomaterials"
 - Panel discussion with audience on topics related to changing role of materials in biomedical applications, synthetic cells, sustainability and biomaterials development, cost-effective technologies for biomaterials processing
 - Rapporteur prepared minutes for use by the commission.
- Participation in NOBEL (H2020 Coordination and support action – Mobilising the European Nano-Biomedical Ecosystem)



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New membership scheme

- New membership scheme implemented in 2018.
- Current membership: ~850 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



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Congratulations to the 2019 ESB Awardees

- George Winter award: Professor Maria Vallet-Regí 
- Jean Leray award: not awarded
- International award: Professor Paul Ducheyne 
- Klaas de Groot award: Professor Maria-Pau Ginebra 



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CESB2019 Report and Future Meeting

Pamela Habibovic

European Society for Biomaterials Collaborations with Sister Societies

7TH CHINA-EUROPE SYMPOSIUM ON BIOMATERIALS IN REGENERATIVE MEDICINE
第七屆中歐生物材料大會

European Society for Biomaterials Collaborations with Sister Societies

- 7th China-Europe Symposium on Biomaterials for Regenerative Medicine 10-13 May 2019 Guangzhou, China
- About 300 participants
- Plenary speakers: Ben Zhong Tang, Luigi Ambrosio, Mario Barbosa, Horst von Recum
- Participating (former) ESB council members: Ana Pêgo, Matteo Santin, Lucy Di Silvio, Elizabeth Tanner, Pamela Habibovic
- Next meeting in Europe in Spring 2021 (location and dates to be announced)

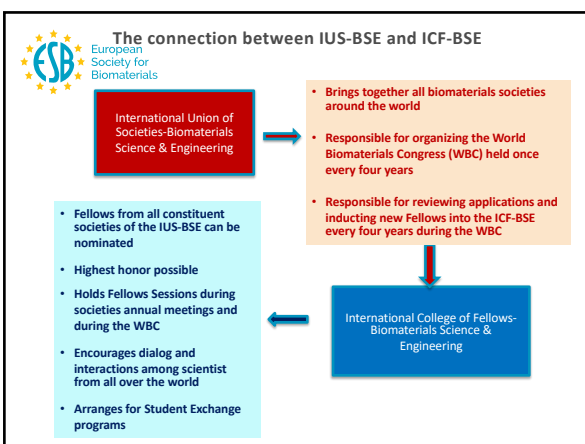
European Society for Biomaterials Collaborations with Sister Societies

- KSBM-ESB @ ESB2019

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European IUSBSE Fellows – 2019 Nomination Process

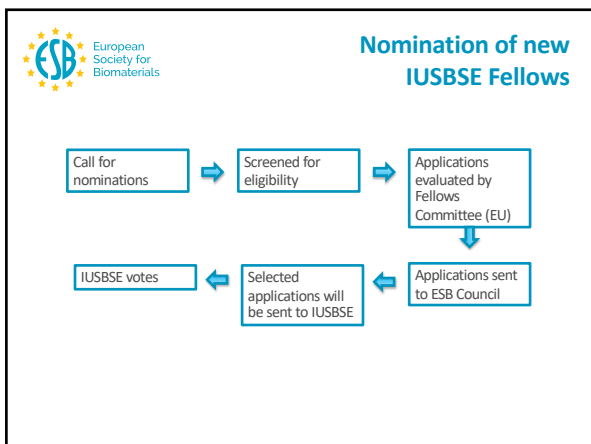
Pamela Habibovic



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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
 - Review of proposals by a Fellows Committee of the ESB (9) and proposal to ESB council (August 2019)
 - ESB council takes decision and list of nominees is sent to the IUSBSE Board (September 2019)
 - Final decision by the IUSBSE Board (December 2019)
 - Induction of new Fellows at WBC2020 (May 2020)

Treasurer Report

Marc Bohner

Revenues & Expenses 2018

	Budget 2018	Accounting 2018	Difference 2018
	Expenses (€)	Expenses (€)	(€)
Student awards	5160	4685	-475
Racquel LeGeros award	3000	0	-3000
Society awards	10000	9000	-1000
Website	4000	5182	1182
Secal + Athena	3850	3890	40
Bank/paypal fees	600	745	145
Mailjet (GDPR)		155	155
YSF	3000	2317	-683
ESB booth + meeting room	3000	142	-2858
Congress sponsoring	1000	1000	0
ESB council	500	510	10
Total main expenses	34110	27626	-6484

	Budget 2018	Accounting 2018	Difference 2018
	Revenues	Revenues	
Journal	11000	11021	21
Membership	35000	35890	890
Interests	-	17	17
Donation		10500	10500
Total	46000	57428	11428
Revenues - Expenses (€)	11890	29802	17912

Accounts 2018

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	Closed	6632	-15408
31.12.2018	30858	5527	50		36434	29802

Auditors Report


R. Williams
E. Pamula
O. Sigurjónsson



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Budget / Results 2019

Marc Bohner



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Budget & Accounting 2019

As of June 30, 2019

	Budget 2019 Expenses	Accounting 2019 Expenses
	(€)	(€)
Student awards	5160	0
Racquet LeGeros award	-	0
Society awards	10000	432
Website	4000	1963
Secal + Athena	3850	182
Bank/paypal fees	600	155
Maijjet (GDPR)	-	176
JoForm (fellow nominat.)	-	600
YSF	3000	0
Congress sponsoring	1000	0
ESB council	500	0
Total main expenses	28110	3509

	Budget 2019 Revenues	Accounting 2019 Revenues
	(€)	(€)
Journal	4600	2040
Membership	30000	0
Interests	-	0
Donation	-	0
Total	34600	6633

Revenues - Expenses (€)	6490	3124
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Accounts 31.08.2019


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	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	5227	50	0	36434	29802
31.08.2019	35619	30000	247	0	65866	29432



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Budget 2020 - 2021

Marc Bohner



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Budget 2020 - 2021

	Budget 2020 Expenses	Budget 2021 Expenses
	(€)	(€)
Student awards	0	5160
Racquet LeGeros award	3000	3000
Society awards	2500	17500
Website	4000	4000
Secal + Athena	3850	3850
Bank/paypal fees	300	300
Maijjet (GDPR)	155	155
JoForm	176	176
YSF	3000	3000
Congress sponsoring	2000	2000
ESB council	500	500
Total main expenses	19481	39641

	Budget 2020 Revenues	Budget 2021 Revenues
	(€)	(€)
Journal	4600	4600
Membership	2500	30000
Interests	15	15
Donation	0	0
Total	7115	34615

Revenues - Expenses (€)	-12366	-5026
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Membership

Marc Bohner

Membership Evolution 2015-2019

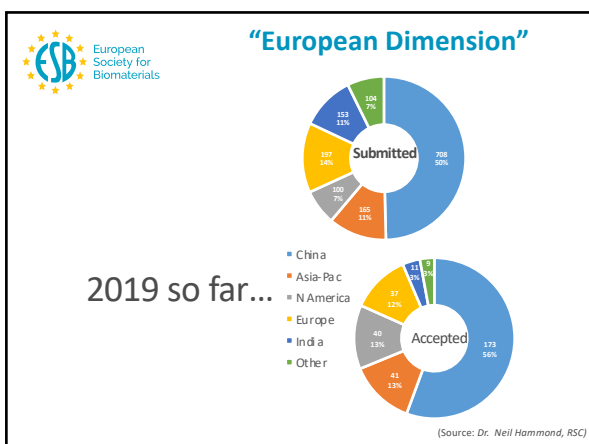
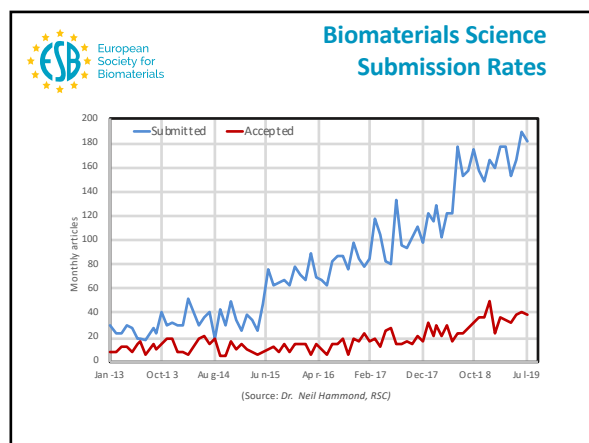
- 2015: 280
- 2016: 207
- 2017: 288
- 2018: 939 (367 junior, 564 ordinary)
- 2019: 856 (361 junior, 489 ordinary, 6 honorary; Aug 31, 2019) **+30570 €**

Journal Update

Aldo Boccaccini

Biomaterials Science

- Impact Factor: 5.251 (2018)
- Current prediction 6.7 for 2019
- 1x more European Associated Editor appointed in 2018/2019 (Pamela Habibovic)
- 3 of 8 associated editors from Europe
- Broad association with RSC visible at ESB conference
 - i) *Biomaterials Science* scientific session
 - ii) 2019 *Biomaterials Science* Lectureship award (Dr. April Kloxin, University of Delaware) **Nominations for 2020 Lectureship now open!**
 - iii) YSF workshop: An interactive guide to good science writing (Neil Hammond)



Biomaterials Science On line collection ESB 2018

- Guest Editor: Pamela Habibovic
- Authors of selected papers invited to submit
- Papers handled by regular Associate Editors of the journal
- Papers in peer review

Biomaterials Science On line collection ESB 2019


- Guest Editor: Michael Gelinsky
- Authors will invited to submit before 31st Dec. 2019 (tbc)
- Papers handled by regular Associate Editors of the journal



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Young Scientists Forum

Aldo Boccaccini




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YSF board

Last Election 2019: Board position as National Chapters Liaison




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Young Scientists Forum

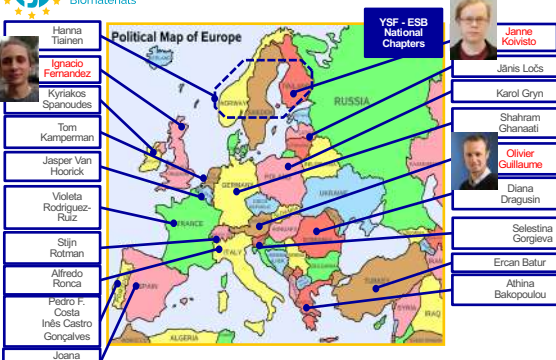
Overview of YSF activities at ESB2019

- Monday 9 September:
 - YSF Opening Workshop
 - Sections: patent and intellectual property; translating research into industry; science writing
- Tuesday 10 September:
 - YSF meeting with National Chapters
 - YSF Grant Writing Workshop
 - YSF General Assembly
- Wednesday 11 September:
 - YSF Night Out – social event



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19 YSF National Chapters



Hanna Tainen	YFS - ESB National Chapters	Janna Kovisto
Ignacio Fernandez		Janis Lobs
Kyriakos Spanoudes		Karol Gryn
Tom Kampferman		Shahram Gharaati
Jasper Van Hoondick		Oliver Guillaume
Violeta Rodriguez-Ruiz		Diana Dragusin
Stijn Robben		Selestina Gorgieva
Alfredo Ronca		Ercan Batur
Medro F. Costa		Athina Bakopoulou
Inés Castro Gonçalves		
Joana Magalhães		




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Young Scientists Forum

Missing countries


- BULGARIA 
- CIPRUS 
- CROATIA 
- DENMARK 
- ESTONIA 

- HUNGARY 
- LITHUANIA 
- LUXEMBOURG 
- MALTA 
- SLOVAKIA 

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Overview of YSF National Chapters' initiatives – some examples



YSF Workshop Sponsoring 2019

Nicola Contessi Negrini and Alfredo Ronca organized the workshop «Additive manufacturing for biomedical applications» during SIB (Biomaterials Italian Society) Conference held on 5-7 June 2019 in Caserta (Italy).

- The organization of the workshop used the funding from ESB-YSF Workshop Sponsoring 2019.
- The participation of 2 invited EU young speakers:
 - Thomas Distler (Institute of Biomaterials, Department of Materials Science and Engineering, Friedrich-Alexander-University Erlangen-Nuremberg, Germany)
 - Ravi Sinha (MERLN Institute for Technology Inspired Regenerative Medicine, Maastricht University, Maastricht, The Netherlands)

From: Nicola Contessi Negrini and Alfredo Ronca



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YSF connect

E-mail: ysf@esbiomaterials.eu

 https://twitter.com/YSF_ESB

 <https://www.linkedin.com/groups/8676375/>

 <http://esbiomaterials.eu/>

YSF Newsletters

 <http://www.esbiomaterials.eu/Cms/Content/24>



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Affiliated Societies Update

Sílvia Farè



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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



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Engagement with National Societies


- Communication about ESB awards
- Communication about the WBC
- 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



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Communication Activities Update


Carlos Rodríguez-Cabello



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Info Update on the ESB Webpage and Other Promotional Material

- Changes in the Council
- ESB and ESB-Endorsed meetings and other events
- New Awards and Awardees
- Changes in the Information Related to the New Membership Scheme
- Redesign and update of Promo Materials (ESB Banner, ESB Flyers, etc.)


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Regulatory changes: European General Data Protection Regulation


GDPR


What is GDPR? (General Data Protection Regulation)


Membership account deletion

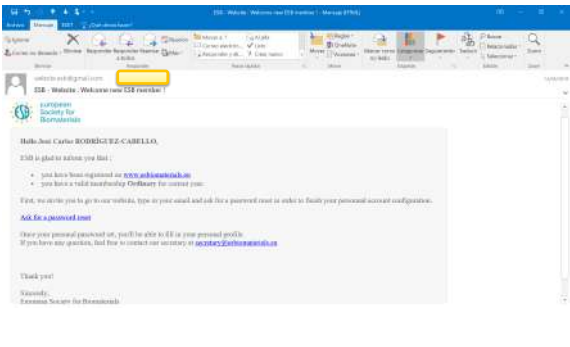
How to delete your membership account

Inactive member





 The All-in-One Email Delivery Engine


 European Society for Biomaterials



The screenshot shows an email from ESB with the subject 'GDPR - Welcome new GDPR member!'. The email content includes a greeting to 'Marta José Castro BOBICHELZ-CABELLO', a welcome message, and instructions on how to activate the account and delete it. It also provides contact information for the secretary.


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Industrial Liaison Officer Report

Peter Dubrueel


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Content

- ESB 2018: 4th Translational Symposium @Maastricht
- ESB 2019: 5th Translational Symposium @Dresden
- Other: Nobel initiative


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ESB 2018 Translational Symposium

- Pro:
 - Topic: Industrial Pitches highlighting new technologies in different valorization stages.
 - Shift of "Academic style research" (cfr. Athens 2017) to Industry-driven developments.
- Pro & Con:
 - Moderate attendance **but** significant interaction with the distributed participant background (academia, SME, large industry, ...).


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ESB 2019 Translational Symposium


- Organizers: Y. Bayon (Medtronic)
F. Barberis (UniGenova)
P. Dubrueel (UGent)
- Content: **Three** sessions
 - 1) Back-to-back plenary presentation
Enabling Biomaterials Translation: It's not all about laboratory to bedside (A. Pandit)
Examples of industrial and clinical transfers of research works on biomaterials (D. Letourneur)



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ESB 2019 Translational Symposium


- Content: **Three** sessions
 - Additive manufacturing of patient specific implants
3 lectures: research, industry and clinical view
 - Impact of new EU regulation (MDR)
3 lectures: CE marking, impact on innovation & SME



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ESB 2019 Translational Symposium

- YSF activities: 2 sessions on translation
 - Patents, intellectual property & clinical translation (D. Mantovani and P. D'Este)
 - Translating academic research to industry (Y. Bayon)
- Poster session theme on clinical and translational aspects



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Nobel Initiative

- NOBEL initiative: previously ESTHER
an initiative by European Technology Platform on Nanomedicine (ETPN) to bring together different key enabling technologies (KETs) (nanotechnologies, photonics, robotics, advanced materials) with the aim to create a more integrated and streamlined ecosystem.
- Last meeting: Paris, June 4th 2019
 - Horizon Europe: 4 pillars
 - ERC & Marie Curie
 - Global Challenges (KET)
 - Open Innovation (SME)
 - Public Private Partnerships
 - Overall budget health cluster: 8.5 Billion €
 - Consultation on health topics among ESB members**
→ more info in upcoming ESB Newsletters



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ESB Education Awards

Joëlle Amédée



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Education Awards 2019

- Julia Polak European Doctorate Awards**
6 Awardees
Winners were notified during the YSF General Assembly (10th September, 18:00 - 19:00)
- Racquel LeGeros Award**
2 Awardees
Winners were notified during the YSF General Assembly (10th September, 18:00 - 19:00)
- Rudolf Cimdins Scholarships**
4 applications, 3 were selected
Recipients will be announced at the closing ceremony of the ESB conference (13th September, 13:00 - 14:00)
- 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 (13th September, 13:00 - 14:00)



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Future ESB Meetings

Abhay Pandit




Future ESB/WBC Meetings

2020: Glasgow	
2021: Porto	
2022: Bordeaux	
2023: Davos	
2024: Korea (WBC)	

Hosting Conference

- Updated guidelines on website
- Next bid (2025) will be taken in 2020
- Jan 31st, 2020 - Deadline



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Council Elections


Ana Paula Pêgo and Liz Tanner



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Council before the election


- Matteo Santin (Past President)
- Joelle Amédée (elected in 2011 and 2015)
- Abhay Pandit (elected in 2013 and 2017)
- Marc Bohner (elected in 2013 and 2017)
- Pamela Habibovic (elected in 2013 and 2017)
- Peter Dubruehl (elected in 2013 and 2017)
- Aldo Boccaccini (elected in 2015)
- Ana Paula Pêgo (elected in 2015)
- Carlos Rodriguez-Cabello (elected in 2015)
- Silvia Farè (elected in 2017)



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Vote

- 2 Candidates for re-election
 - Aldo Boccaccini and Ana Paula Pêgo
- 3 New candidates
 - Karine Anselme, Nicolas Dunne and Matteo D'Este
- Online vote from March 5 to March 31



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Queen Mary University of London

April 9, 2019


By Whose & How Consent:

I have looked at the electronic results for the Council of the European Society for Biomaterials for 2019-2021. There were 7 candidates for 4 positions and according to the data I received the results are:

Rank	First	Preferential	Comments	Votes
1	Dr. An. Paula Pêgo	None	BOCCACCINI	52
2	PROFESSOR Nicholas Dunne	None	DUNNE	48
3	Dr. Karine Anselme	None	ANSELME	45
4	Matteo D'Este	None	D'ESTE	37

Therefore I declare Dr. Ana Paula Pêgo, Dr. An. Aldo Boccaccini, Professor Nicholas Dunne and Dr. Karine Anselme elected to the ESB Council.

I have attached:



Prof. Elizabeth Tanner
 CSM Fellow FRCR FRCRAC CSM
 Head of Biomaterials Division
 Head of Materials Division
 Director of the Institute of Biomaterials

AP Pêgo
 A Boccaccini
 N Dunne
 K Anselme

Thank you for helping the Society
 Documented by Elizabeth Tanner
 11/09/2019



European Society for Biomaterials

New Council


- 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 Dubruehl (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)



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ESB Council Members' functions



Pamela Habibovic



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Current council

THANK YOU

Joëlle Amédée



Carlos Rodríguez-Cabello



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New council

WELCOME

Nicholas Dunne

Karine Anselme



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New council

- President: Pamela Habibovic (2017-2021)
- Vice-President / YSF: Aldo R. Boccaccini (2019-2023)
- Secretary: Ana Pêgo (2019-2023)
- Treasurer: Marc Bohner (2017-2021)
- Communication / ESB journal: **Nicholas Dunne** (2019-2023 eligible for re-election)
- Industrial liaison officer: Peter Dubruel (2017-2021)
- National societies: Silvia Farè (2017-2021 eligible for re-election)
- International relations / conferences: Abhay Pandit (2017-2021)
- Education officer / awards: **Karine Anselme** (2019-2023 eligible for re-election)
- Past president: Matteo Santin



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secretary@esbiomaterials.eu



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THANK YOU!