

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

Agenda (as sent by email in August 2018 to all the members)

- Approval of the agenda
- Approval of the 2017 general assembly minutes
- President Report
- New membership scheme update
- Election of new Honorary members
- Treasurer Report
- Auditors' Report
- New ESB Journal update
- YSF
- Affiliated societies update
- Communication activities update
- Industrial partnership
- ESB Awards
- Summer School update
- Future ESB meetings (2022 and 2023)
- Future Council Elections
- A.O.B

Minutes

- Approval of the agenda
 - Approved unanimously
- Approval of the 2017 general assembly minutes
 - Approved unanimously
- President Report; the president, Pamela Habibovic, addressed the assembly to:
 - present the current council members, as well as their duties within the council and their expected period in office;
 - report on activities related to current status of the field of biomaterials in Europe in which she and other members of the council participated in representation of ESB;
 - o report on ongoing collaboration activities with sister societies;
 - o congratulate the SSB+RM on the re-affiliation with the ESB;
 - o congratulate the 2018 Scientific Awardees.
- New membership scheme update; the President reported:
 - o the implementation of the new membership scheme in 2018;
 - the current number of members of ESB that was approximately 900 at the date of the General Assembly;
 - that the large majority of members obtained membership through registration for the conference; only a small percentage obtained membership through registration on the ESB website (informed that in case of double membership reimbursement will take place);
 - that with the increase in the number of members, ESB will be able propose new fellows for the IUSBSE (call for proposals will be circulated in due time).
- Election of new Honorary members
 - All the previously proposed new honorary members (email sent on August, 2018) were unanimously elected. A certificate will be sent to the new Honorary Members by the secretary.
 - Professor Josep Planell
 - Professor Luigi Ambrósio
 - Professor Michael Doser
 - Professor Nesrin Hasirci
 - Professor Vasif Hasirci
- Treasurer Report
 - Marc Bohner presented the treasurer report, detailing the expenses and revenues of 2017.
- Auditors' Report
 - Rachel Williams, on behalf of the Auditors' team (R. Williams, E. Pamula and O. Sigurjónsson), proposed to approve the treasurer report for 2017. This was approved unanimously.
- Treasurer Report (continuation)

- Marc Bohner was given the word again to present a budget for the total of expenses in
 2018 and a budget 2019 that has been unanimously approved;
- Marc Bohner also presented the evolution of ESB members from 2015-2018, that supported the budgets presented.
- New ESB Journal update; Aldo Boccaccini reported:
 - o on the activities concerning the new ESB journal Biomaterials Science;
 - the European dimension of the Journal (number of submissions from European groups and geographical spread of Advisory Board Members) that the council aims to expand;
 - on the "Biomaterials Science On line collection ESB 2018", issue to be published in 2019, for which Pamela Habibovic will act as Guest Editor as Chair of ESB2018;
 - authors of selected papers will be invited to submit before 31.12.2018 (tbc);
 - papers handled by regular Associate Editors of the journal;
 - all papers will be subjected to full peer review.
- YSF; Aldo Boccacini reported on the activities of the Young Scientists' Forum, namely:
 - new elected members;
 - sessions and social activities organized within ESB2018;
 - representatives of local YSF chapters;
 - launching of the new communication platforms;
 - YSF financial status.
- Affiliated societies update; Silvia Farè reported:
 - o the updated list of National Societies
 - o the activities towards the engagement of the ESB with all the Affiliated Societies.
- Communication activities update; Carlos Cabello communicated:
 - the updates and modifications conducted in the ESB Webpage during the reporting period;
 - the implementation of the European General Data Protection Regulation with a new scheme of distribution of information among members and alterations in the members data base management.
- Industrial partnership; Peter Dubruel reported on his activities as Industrial Partnership officer:
 - o ESB 2017: 4th Translational Symposium @Athens
 - contribution in special issue (Athens '17) of the ESB Journal, initiated by Dr. Y.
 Bayon
 - o ESB 2018: 5th Translational Symposium @Maastricht
 - o ESB-industry link: 2018 and beyond
 - Expand and optimize the elevator pitch concept during Translational symposia at ESB events
 - Best practice learning with Industry contact @ YSF and co-organization of events
- ESB Awards
 - Joëlle Amédée reported on the following awards:
 - Julia Polak European Doctorate Awards 16 Awardees in 2018; winners were announced during the YSF General Assembly;
 - Racquel LeGeros Award None in 2018 (no applicants);

- Rudolf Cimdins Scholarships 26 applications, 10 were selected; recipients will be announced at the closing ceremony of the ESB conference (13th September, 12:15 - 13:15)
- 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, 12:15 - 13:15)

• Summer School update

- Report by Joëlle Amédée on the 1st Summer School Biomaterials for Medical Devices and Regenerative Medicine, co-organized by Joëlle Amédée and Liisa Khun in Bordeaux, (June 25-29, 2018). 42 students participated from countries around the world (USA (6), France, Ireland, UK, Germany, The Netherlands, Slovenia, Poland, Czech Republic, Sweden, Portugal, India).
- The 2nd Summer School Biomaterials for Medical Devices and Regenerative Medicine will take place in the USA in 2020 (date to be announced).
- Future ESB meetings (2022 and 2023); Abhay Pandit informed on the location of the next ESB meetings and World Biomaterials Congress. In 2018 it was decided that the ESB2022 will take place in Bordeaux. Further information was given on:
 - Updated guidelines on website
 - Next bids to be taken in 2020 (Deadline Jan 31st, 2020)
- Future Council Elections
 - Ana Paula Pêgo informed that the next elections to the council will be in 2019
 - 4 members will terminate their mandates (Ana Paula Pêgo, Aldo Boccaccini, Carlos Cabello and Joëlle Amédée)
 - Elections (by electronic vote) will take place in March 2019 (28 Feb Deadline for ESB Council Nominations by ESB Members in good standing)
- A.O.B
 - Nothing

List of attendees

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The list of attendees (see annex 1) was obtained by asking all attendees to sign the presence list. Currently, all the participants of the ESB meetings are members in good standing of ESB. So, all participants in the meeting are "ESB members". There were 237 attendees (more than 10% of the ESB members). Consequently, all decisions are binding.

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

Ana Pêgo

ESB Secretary

Pamela Habibovic

ESB President

Annex 1

Name boundabour 29. Maria M. Perez-Hadregal 1. Nicole van Gestel 30. Seakon Altuncu 2. Maria Chatzinikola don Aua M. Ferreira 3. Ignasi Casenellas 4. Olivie Jehuldu 5. David Rorling Perey 32. Sheila Piakali 33. Patricia Vanela 34 Lia Rinoupilt 6. Carmen E. Hernández 7. GIANLUCA CURRECLI 35 LORIS DOMENICALE 8. Abha E. born 36 Nicola Dobeli 37 Julien Gautrot 9 JESSICA SENIOR 38. Laura Ebmaq 10. M. Meybool 39. Guistina Diaz 11 Elisabeth Emsel 40. Thomas light 41 Erhan Box 12 Mario Berbona 42 RADO OVFFA 13. SK. Swan 43 Alexandra Paximou 16, Dim, ty . Sign 44. J. Alblas 15. Georgios Sotirion 45. ashro Macho 16. ALEKS ANDE OVSIANIKOV 46 Binh Phan 17. Carles Commande 47 Bas Laat 18 Claus Moscher 48 U. Burchers 49 A GRANEC Jour (worch 50 BOSSARD Gedric LO. CRISTIAN COVARRUBIAS SI ADAM CEUZ viloplar Tah modeb: 21. 22. Roma Trictantle 23 Karine Annime 24. Diana Graguein Vs. Adi Ghebour. Viter transizes 26 29 Phil Chambers Caulos orda 28

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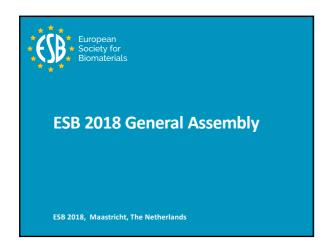
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1. Irene Lodoso-Torrecilla 2. LORENZO PREFI 3. HUNCKLER JEROME 4. ELENA ZATTERA 5. BEIAN G. LOUSINS 6. Eric CHAMPION 7. Amandine PAGNAUDEIX 8. TICHLICAS SEMUMACHEI 9. MICHAL ZURAUSHI 10. Kathryn Thomas 11. Wich Orapin'yakul. 12 Bormano Seppe 13. LEMMONS MARYN My Lahnfald Jutta 15 Jérôme Grenier Yanuar Limasale 17 Olga Umbanek 18 Martina Gruning 19 Olga Hahn 30: Christian José Gorcia Abrega. 21 Stijn Jooken sepehr Talebian 22 23 Kristin sinnes adegoard as. Hafiz Awais Nawaz 26. Negor Abbasi Aval 24. Héjera felgueiras 28 ALBERTO LAGAZZO 29. David Barata 30. Arn Mignon 31. Gustina C. Ril

Sc. Arjan Loenen 33. Veerle Bloemen 34. Alicia Fernández-Colino 35. Reece Posterbeek 36. Clara Hadagoard 37. Michael Geliusky 38. Astri'd Ahlinder 39. Bergitte Pearl Olderbø 40. NATHACIE SALCSTROM 41. Patnyeja Domalih-Typih 42. Selestina Gorgieva 43. Clara Mar Guarch Pérez 44 Truchy Morald er Xinng Zhang 46 Hossein Bahmaec 47 ROBERS OVEN 48 SEORGE BULLOCK 49. Liana Azizova SO JERONE SOHIER 51 ELENA MARIA VARONI 52 News COUKKIN 53 MICHA CONTESSI NEGERNI 54 CHARA EMMA CAMPIGLIO 55 RITA SOPRENTINO 56 LORENZO BONETT 57 Toshikazu Tsuji 58 LUKAS GRITSCH 58 ISAGEL ORLANDO 60 Bastien Le Gars Santoni 61 Céline Wyss 62 Josef Chmelar 63. Qasim Ansum Mosid 64. Agota Lapa GE. ELENA MARCELLO

NAME (JUST ONCE!!!) 1 Daniela Petre 31-Aysen Tercaner 32 - Robert Gulliatt 2. Alexander Khe 33 - Samhita Banerjee Sy- Sivel Türkkan 3. Lukas van Dijk 35 - Value bon 36- Batur Ercan 4, Barton Miclan 37 - AARL VAN Apeldooren 5. Roman Chernozem 38 - MaHLias Eppole 6. Rich de Uries 39 - Henning Menzel 40 - Systems Heize 7. Andrea Cochis 41 - Jan Schroden 8. ADAM DUNOFS 42 - Linh Nguyen 43 - Berna Sentürk 9. Chang Du 10. Xerany Sea 11. Hyunho Roh 44 - Manus Biggs 45 - Andrea Liedmann 12. Catarino Siverna 46 - MIGUEL PVERTAS 13. Totious Februardo 47 - Mani Diba 48 - Cecilia Persson 14 Laka Reys 15. Ana Canvalhe 49 - Janis Loës 16. Uiviana Bibalio 10 - Jan Casteh 17. Ayat Soltani 18 Karsten Stupel Feldt 52 - Yowraw Mandal 19. Vaiara Siter 53 - Alex Usieu 20. DOROTHEA BRUGGETIANN 54 - Ehsan Sadeghian 21. JOANNA WARD. 55- Mahtab Asadian 22. Shannon Wilson 56- Mehrnowsh Narimisa 23. NAOMI LOWET 57 - Formando Storez Rivera 24. Sonathan Acheson 58 - Maria sose Garala Fernandez 25. Stephen Mckillop. 59 - Mab Dujay 60 - Stéphanie Degoutin 26 Alessandro, FOUILLOUX 6t - Cameron Alexander 27 Drahopoulos Stavros 28 Kouparitsas loannis 29. Jonathan Hassera 30 Sill Keshi

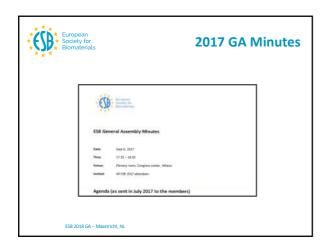
Annex 2















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

FSR 2018 GA – Maastricht, NI



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

- November 2017, Brussels: meeting hosted by Fergal Donnelly, and representatives from academia, industry, clinic, to discuss the status of the field of biomaterials within the renewed European (research) financing scene Horizon Europe.
- ESB joined NOBEL, 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
- January 2018 Düsseldorf: workshop organised by NOBEL on creating a meta-roadmap of
- May 2018, Paris: second workshop focusing on reinforcement of the cooperation among complementary technology platforms in the field of medical technologies.

FSR 2018 GA – Maastricht, NI



Collaborations with sister societies

- January 2018, visit to the South China University of Technology, Guangzhou.
- Discussion with Professor Wang, past president and president-elect on CSBM about future collaborative activities between ESB and CSBM.
- Next ESB-CSBM conference will take place in Guangzhou, in May 2019 (date to be announced).
- KSBM-ESB and CSB-ESB sessions @ ESB2018.



Congratulations to SSB+RM on the re-affiliation with the ESB!



New membership scheme

- New membership scheme implemented in 2018.
- Current membership: ~900 members
- Large majority obtained membership through registration for the conference, a small part through registration on the ESB website (double membership to be reimbursed).
- With increased number of members, ESB can propose new fellows for the IUSBSE. Call for proposals will be circulated in due time.

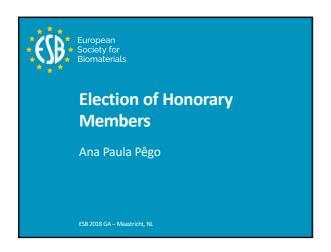
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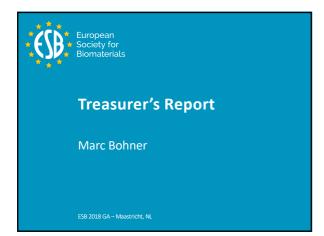
Congratulations to 2018 ESB awardees

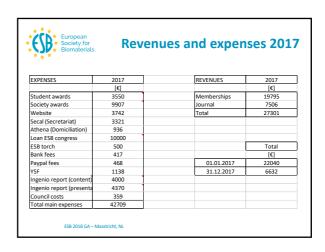
- George Winter award: Professor Julio San Román.
- Jean Leray award: Professor Amir Zadpoor.
- International award: Professor Andrés J. García.
- Klaas de Groot award: Professor Lucy Di Silvio.

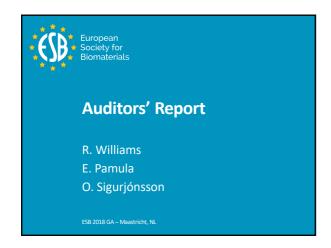
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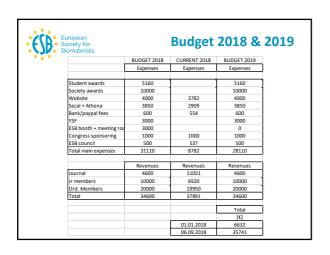


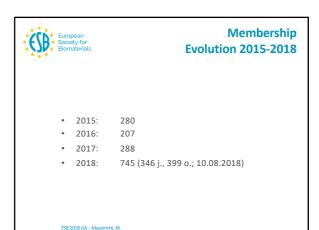






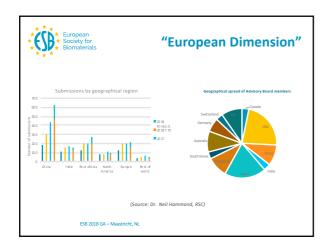


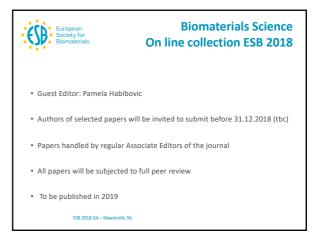




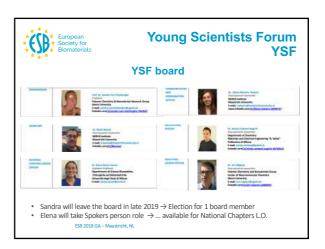


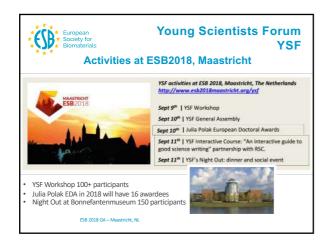


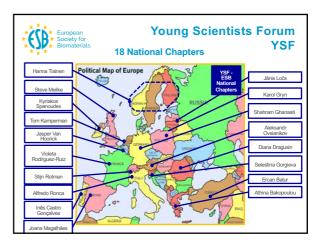


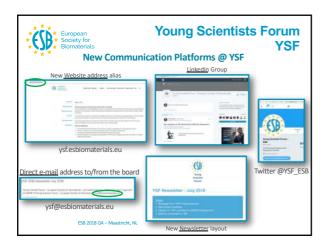


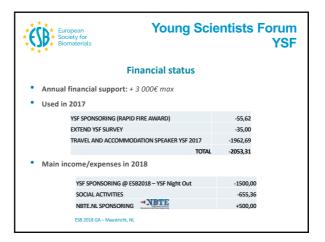
















Engagement with National Societies

- 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

- Meetings in Athens (2017) and in Maastricht (2018)
- Communication about ESB membership
- Visibility of national societies on the ESB website
- Communication about ESB awards
- Involvement of national societies in European research funding and Horizon Europe programme

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Communication Activities Update

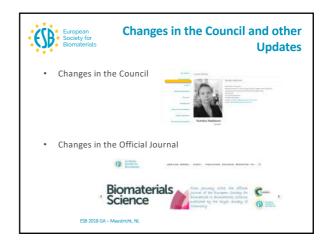
Carlos Cabello

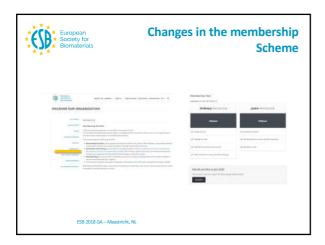


Info Update and Modification of the ESB Webpage

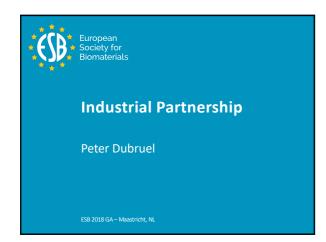
- Changes in the Council and other updates
- · Changes in the membership Scheme
- · Regulatory changes:
 - European General Data Protection Regulation

ESB 2018 GA - Maastricht, NL















ESB 2017 Translational Symposium

Outcome:

contribution in special issue (Athens '17) of the ESB Journal, initiated by Dr. Y. Bayon

brainstorming on topics for 2018 event

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ESB 2018 Translational Symposium

Organizers: P. Boisseau (Esther)

Y. Bayon (Medtronic)

F. Barberis (UniGenova)

P. Dubruel (UGent)

• TS content: "Industry vision"

"Patient centric perspective" "What is the vision of healthcare"

Elevator pitches (EP)

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ESB 2018 Translational Symposium

EP abstract: executive summary

project description target market competitors

patents and intangible assets

team and resources

EP presenters:



AMProtection

ESB 2018 GA – Maastricht, NL



ESB 2018 Translational Symposium

- Expand and optimize the elevator pitch concept
- Best practice learning with Industry contact @ YSF and co-organize events
- Any input/suggestions?
 - → Peter.Dubruel@ugent.be



an inspiring final session ahead on the 1st <u>#ESB2018</u> day. Translational day closes with <u>#elevator</u> pitches of AMProtection and lamFluidics. How innovative technologies make their way to the market. Do's and dont's ...



ESB 2018 GA – Maastricht, NL





Awards 2018

Julia Polak European Doctorate Awards

16 Awardees in 2018

unced during the YSF General Assembly (10th September, 15:00 - 16:00)

Racquel LeGeros Award

Rudolf Cimdins Scholarships

Recipients will be announced at the closing ceremony of the ESB conference (13th September, 12:15-13:15)

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, 12:15 -



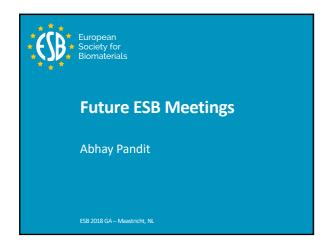








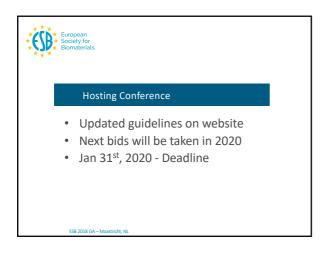
















2019 Elections

- 4 seats
- 28 Feb Deadline for ESB Council Nominations
- Elections (online voting) March 2019

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