

ESB 2015 General Assembly



Agenda

- > Approval of the agenda
- Approval of last year minutes
- President Report (MS)
- Treasurer Report (PD)
- Auditors' Report
- WBC 2016 and future ESB meetings 2017 2019 (AP)
- Council elections and functions (MS; L. Tanner)
- Legal address and Secal service (MD)
- New ESB Website (PG)
- Digitalization of old ESB documents (MB)
- Membership (PD)
- Celebration of the 40th ESB anniversary (MS)
- Technopreneurship (MS)
- Affiliated societies (MS / PH)
- Corporate identity (PG)
- > YSF (PH)
- New bursary/sponsorship for lab exchange (JA)
- Journal of Materials Science: Materials in Medicine (JA)
- > A.O.B



Reshuffled Agenda

| > | Approval of the agenda | |
|---|--|----------------------------------|
| > | Approval of last year minutes | |
| > | President Report (MS) | |
| > | Treasurer Report & Membership (1) (PD) | |
| > | Auditors' Report (R. Williams, S. Farè) | Treasurer |
| > | Treasurer Report & Membership (2) (PD) | |
| > | WBC 2016 and future ESB meetings 2017 – 2019 (AP) | Conference Liaison Officer |
| > | Technopreneurship (MD) | Industry Liaison Officer |
| > | Legal address and Secal service (MD) | · |
| > | New ESB Website & Corporate identity (PG) | Communication Officer |
| > | Celebration of the 40th ESB anniversary & Affiliated societies (LDS) | Sister Societies Liaison Officer |
| > | YSF (PH) | YSF Liaison Officer |
| > | New bursary/sponsorship for lab exchange (JA) | Education Liaison Officer |
| > | Journal of Materials Science: Materials in Medicine (JA) | |
| > | Digitalization of old ESB documents (MB) | Cocretory |
| > | Council elections and functions (MB; Liz Tanner) | Secretary |
| > | A.O.B | |



2014 GA Minutes



Minutes of the 2014 ESB General Assembly

Date: Sept 1, 2014

Time: 13.30 – 14.30

Venue: Plenary room, Congress center, Liverpool

Invited: All ESB 2014 attendees

Number of attendees: 60 at the start, 120 at the end

ESB Council members: Matteo Santin (MS), Michael Doser (MD), Marc Bohner (MB), Pedro

Granja (PG), Peter Dubruel (PD), Abhay Pandit (AP), Pamela Habibovic

(PH), Joëlle Amédée (JA). Excused: L. Ambrosio, L. di Silvio (LdS)

Agenda

- President's welcome address (MS)
- President's Report (MS)
- Legal address and Secal service (MD)
- Innovation initiative (MD)
- Documentation (MB)



President's Report: 1 Year after the SWOT Analysis

Matteo Santin



SWOT Analysis 2014

STRENGTHS

- Almost 40 Years of History/Character of the Membership
- Added value to R&D
 - Networking
 - Publishing (JMS:MM)

WEAKNESSES

- One-Event-A-Year Society
- Late Responses/Outdated IT
- Links with policy makers/ clinicians/Industry
- Relatively low impact factor (increase 2008-2014=1.5 to 2.379)

OPPORTUNITIES

- Restructuring/Modernisation
 - New Website
 - New publishing strategies
- Regular Newsletters/Twitter
- **ESB Member Lounge**
- Provider of Expertise

THREATS

- Redundant/Superseded by Sister Societies
- No real influence on R&D



Reached Objectives and Actions

- > Treasurer (Peter Dubruel): Restructuring and Accounts
- **ESB Conferences Liaison Officer (Abhay Pandit):** Upcoming ESB conferences
- Industry/Innovation Liaison Officer (Michael Doser/Peter Dubruel): Commissioned Technopreneurship Programme and EC ESTHER Group
- Communication Officer (Pedro Granja): Corporate identity and 40th Anniversary Commemorative Logo
- > Sister Societies' Liaison Officer (Lucy Di Silvio): The 40th Anniversary
- > YSF Liaison Officer (Pamela Habibovic): YSF microsite and online elections
- **Education Liaison Officer (Joelle Amedee):** First grant for the LeGeros Award and dedication of the EDA to Julia Polak
- Journal Liaison Officer (Joelle Amedee): Improved collaborative framework with Springer and Journal New Features
- Secretary (Marc Bohner):
 - Digitalisation of archive, website/Secal management
 - Outcome of the online elections



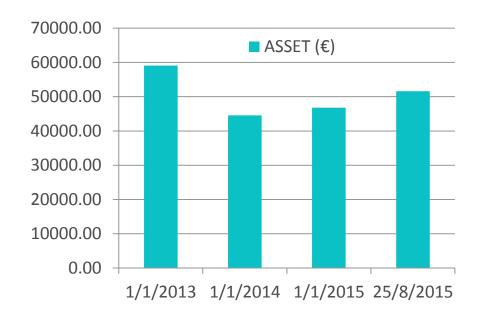
Treasurer's Report & Membership (1)

Peter Dubruel



ESB financial situation

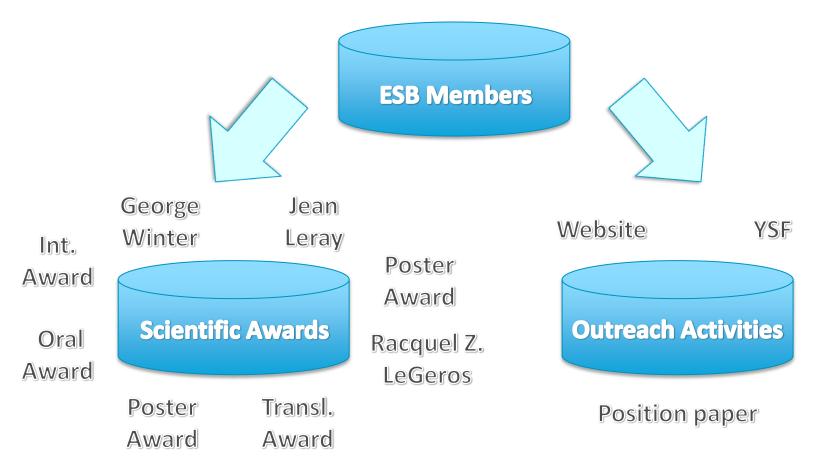
The ESB financial situation throughout previous years



• Healthy financial situation despite or due to continuous investments ?!



ESB major investments = investments in **SCIENCE**





ESB membership

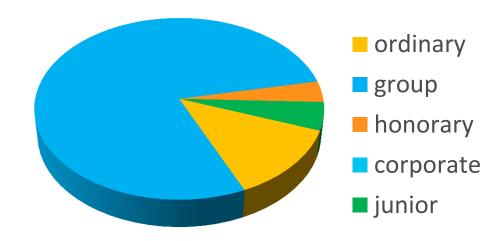
In 2015: 321 members in good standing

Ordinary: 41

• Group member: 252

Honorary member: 12

Junior: 16





ESB Balance 2014 (CLOSED)

| Compte | Libellé | Total du 01/01/20 | Total du 01/01/2014 au 31/12/2014 | | Solde du 01/01/2014 au 31/12/2014 | |
|--------|---------------------------------|-------------------|-----------------------------------|-----------|-----------------------------------|--|
| | | Débit | Crédit | Débit | Crédit | |
| 102000 | Fonds associatif (SDR) | | 44 533,91 | | 44 533,9 | |
| 512100 | Banque Porto | 62 602,50 | 28 873,02 | 33 729,48 | | |
| 512200 | Banque LCL | 14 990,16 | 1 903,86 | 13 086,30 | | |
| 512220 | Banque LCL Livret | 10,01 | | 10,01 | | |
| 580000 | Virements internes | 15 000,00 | 15 000,00 | | | |
| 606300 | Minor equipment supply | 276,88 | | 276,88 | | |
| 611100 | Athéna domiliciation | 941,25 | | 941,25 | | |
| 615610 | Domain Renewal | 69,09 | | 69.09 | | |
| 615620 | Web site maintenance | 2 400,00 | | 2 400,00 | | |
| 618510 | YSF 2013 | 1 052,15 | | 1 052,15 | | |
| 618520 | Esb 2013 conference | 153,30 | | 153,30 | | |
| 623600 | Catalogues and printed material | 475,19 | | 475,19 | | |
| 625700 | Réceptions | 120,90 | | 120,90 | | |
| 627800 | Banking fees | 461,14 | 0,16 | 460,98 | | |
| 657000 | Awards 2013 | 3 299,43 | 3 299,43 | | | |
| 657010 | Esb 2013 Student Awards | 900,38 | | 900,38 | | |
| 657020 | JL Award 2013 | 321,38 | | 321,38 | | |
| 657100 | Awards 2014 | 1 800,00 | | 1 800,00 | | |
| 657110 | GW Award 2014 | 1 816,79 | | 1 816,79 | | |
| 657120 | Translation Award 2014 | 300,00 | | 300,00 | | |
| 657130 | JL Award 2014 | 1 128,15 | | 1 128,15 | | |
| 657140 | YSF 2014 | 260,85 | | 260,85 | | |
| 756000 | Membership fees | | 14 769,16 | | 14 769, | |
| 768000 | Interest | | 0,01 | | 0,0 | |

Asset 01-01-2014:

44533.91 €

Asset 31-12-2014:

46815.78 €



ESB Balance 2014 (CLOSED) - Trends

Income: through ESB membership

Major spendings: ESB awards, new ESB website, YSF activities

Asset evolution: good balance between income and spending ∆ = ±2 k€
 margin for new ESB initiatives (ESB position paper, ...)

Admin @ ESB: professional assistance by the company SECAL (France)



Auditor's Report:

Rachel Williams



Treasurer's Report & Membership (2)

Peter Dubruel

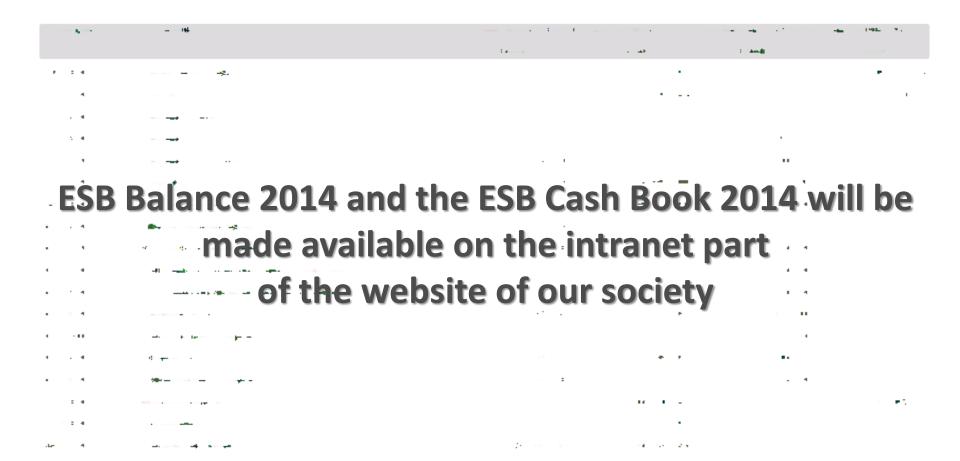


ESB Balance 2015 (PROVISIONAL)

| Compte | Libellé | Total du 01/01/201 | Total du 01/01/2015 au 25/08/2015 | | Solde du 01/01/2015 au 25/08/2015 | |
|--------|------------------------------------|--------------------|-----------------------------------|-----------|-----------------------------------|--|
| | | Débit | Crédit | Débit | Crédit | |
| 102000 | Fonds associatif (SDR) | | 44 533,91 | | 44 533,91 | |
| 120000 | Bénéfice | | 2 291,88 | | 2 291,88 | |
| 512100 | Banque Porto | 35 773,33 | 35 773,33 | | | |
| 512200 | Banque LCL | 65 268,27 | 15 170,55 | 50 097,72 | | |
| 512220 | Banque LCL Livret | 10,01 | | 10,01 | | |
| 512300 | Paypal | 9 114,34 | 8 900,00 | 214,34 | | |
| 580000 | Virements internes | 41 256,04 | 39 756,04 | 1 500,00 | | |
| 611100 | Athéna domiliciation | 751,31 | | 751,31 | | |
| 615620 | Web site maintenance | 3 516,00 | | 3 516,00 | | |
| 618500 | Colloquium, Seminar and Conference | 5 676,00 | | 5 676,00 | | |
| 622600 | Fees administration and accounting | 720,00 | | 720,00 | | |
| 627800 | Banking fees | 490,10 | 3,00 | 487,10 | | |
| 627810 | Commission Paypal | 374,66 | | 374,66 | | |
| 657100 | Awards 2014 | 6 046,43 | 300,00 | 5 746,43 | | |
| 678800 | Extraordinary charges | 1 388,00 | | 1 388,00 | | |
| 756000 | Membership fees | | 16 440,85 | | 16 440,85 | |
| 758000 | Sponsoring | | 7 214,93 | | 7 214,93 | |
| 890000 | Compte de bilan | 46 885,86 | 46 885,86 | | | |

Asset 01-01-2015: 46815.78 € **Asset 25-08-2015:** 51597.72 €



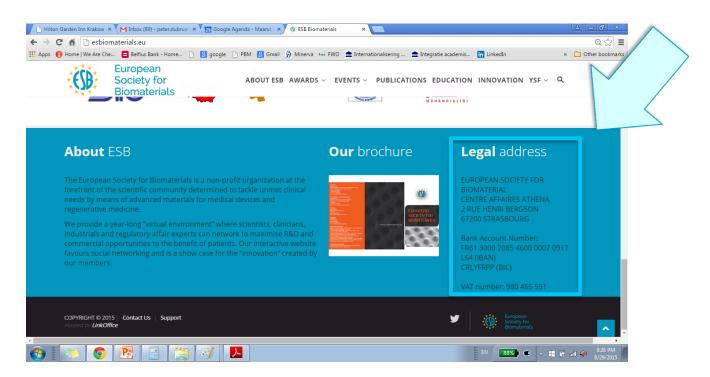




ESB bank account

Throughout 2015: two ESB accounts (Porto and Strasbourg)

As off August 2015: one ESB account (Strasbourg), check ESB website!





ESB online payment system

SWOT analysis 2014: outdated IT

New ESB website:: one time registration for existing and new members

both online and offline payment possible

automatic generation and distribution of invoices

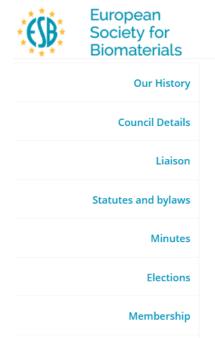
invoices can be personalized (VAT number, ...)

• Questions?: ESB website and/or treasurer@esbiomaterials.eu



ESB online payment system

"About ESB" → "Subscription guidelines"



Subscription Guidelines

ESB Membership Subscription Guidelines (or "How to become a member")

The following guidelines are in support of both new and old subscribers.

Research Group and Corporate memberships :

a group membership subscription give you access to 5 free "sub licenses" for members of your research team.
 Once your "leader" group subscription is approved, an email will provide you with a sub license key, that should be forwarded to 5 people of your team who wish to register for free. For these "sub" members, on the Enroll subscription page, they should select "Sub Group" membership, and copy paste the forwarded license key. If this key is correct and belongs to a "Group leader" account, then this sub member will have a license for current year for free.

ABOUT ESB AWARDS V EVENTS V PUBLICATIONS EDUCATION INNOVATION YSF V Q

- a corporate membership subscription works the same way as group membership, except the fact that sub license key is not limited to 5 activations but is unlimited for current year.
- If you encounter any problems in activating a license key, please contact our support (see below).

Past General Assemblies



ESB award payment

- Rudolf Cimdins Scholarships
- Best oral presentations
- Best poster presentations
- Provide the following details to treasurer@esbiomaterials.eu
 - 1) Full name
 - 2) IBAN (International Bank Account Number)
 - 3) BIC (Bank Identifier Code)
 - 4) Bank address
- Payments need to be executed before the end of the financial year!



WBC2016 and future ESB Meetings (ESB2017-19)

Abhay Pandit



Abstract Deadline: Sept 15, 2015

Early Bird: Jan 21, 2016

200 CAN\$ Discount for ESB Members



10th World Biomaterials Congress May 17-22, 2016 | Montréal, Canada





On-line registration opens: 1 December 2016

On-line abstract submission opens: 1 December 2016



Future ESB Conferences

2018: Maastricht

2019: Dresden







Technopreneurship: Position paper

Michael Doser & Peter Dubruel



ESB Position Paper

History: Discussion with Presidents of the National Societies and

approval by the ESB Council

Goals: Adoption of a divergent thinking to find new routes for

research translation:

Collection and analysis of data to produce:

Mapping/Cartography of research and industrial organisations country-by-country

➤ Socio-economical analysis

Experts: Ingenio, Universitat Politècnica de València





ESB Position Paper

Tool:

Questionnaire to be prepared and circulated among national biomaterials communities:

SECTION 1. BACKGROUND OF RESPONDENTS

SECTION 2. RESEARCH NETWORK CHARACTERISTICS

SECTION 3. BOTTLENECKS OR BARRIERS

SECTION 4. OUTPUTS / KEY PERFORMANCE INDICATORS



Legal Address (Athéna) Secretary work (Sécal)

Michael Doser





CENTRE D'AFFAIRES ATHENA

2 rue Henri Bergson67200 STRASBOURG



Accounting: Mrs. Martine Spielmann (contact: info@esbiomaterials.eu)



New ESB Website & Corporate Identity

Pedro Granja



ESB logo and colors







WELCOME TO THE EUROPEAN SOCIETY FOR BIOMATERIALS

A YEAR-LONG "VIRTUAL ENVIRONMENT" WHERE SCIENTISTS, CLINICIANS, INDUSTRIALISTS, AND REGULATORY AFFAIRS EXPERTS CAN NETWORK.

ESB Events

ESB 2018

Maastricht, THE NETHERLANDS Saturday 08 September 2018 ESB 2017

Athens, GREECE Monday 04 September 2017 World Biomaterials Congress 2016

ESB News

YSF Online Election Open Tuesday 28 July 2015

ESB NEWSLETTER - SUMMER 2015 Tuesday 28 July 2015

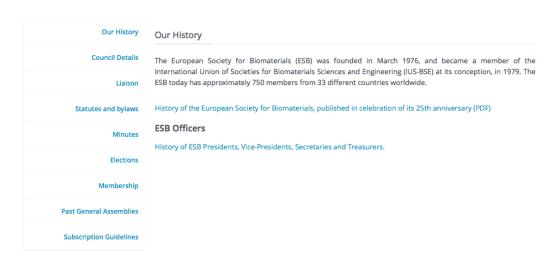
ESB Council Election Deadline





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DISCOVER OUR ORGANIZATION



About ESB Our brochure Legal address





BOUT ESB AWARDS V EVENTS V PUBLICATIONS EDUCATION INNOVATION YSF V

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SCIENTIFIC ACHIEVEMENT AWARDS

SCIENTIFIC ACHIEVEMENT AWARDS

TRANSLATION AWARD

EDUCATION AWARDS

George Winter Award

George Winter Award

Jean Leray Award

International Award

Past winners

Nomination

This award is established to recognise, encourage and stimulate outstanding research contributions to the field of biomaterials. It will be presented annually during the Biomaterials conference of the Society, and consists of a certificate, a plaque and a refund of the registration fee and travelling expenses to the conference.

The nominee must have contributed significantly to the knowledge in the field of biomaterials and/or the material controlled or influenced reactions within the host body through basic, experimental and/or clinical research. The work concerned and the results must have been published. The nominee needs neither to be a member of the European Society for Biomaterials nor a citizen of a European country. Posthumous nominations are not considered.

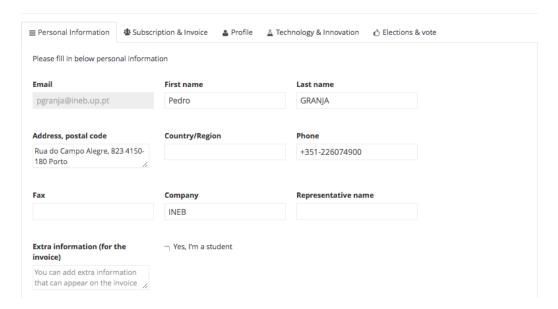




ABOUT ESB AWARDS V EVENTS V PUBLICATIONS EDUCATION INNOVATION YSF V MEMBERS V Q

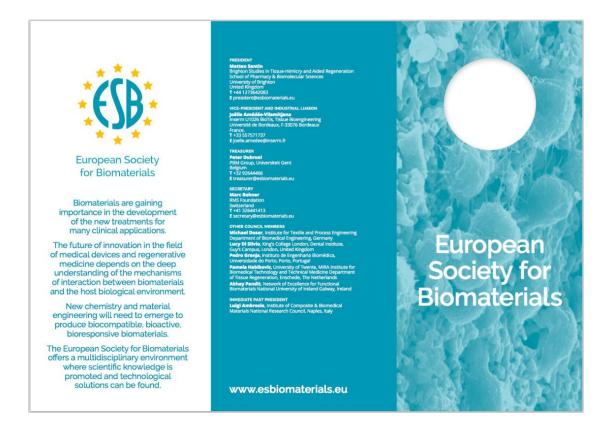
ACCOUNT

Manage your personal information and profile.





New brochure





40 years of ESB





40th Anniversary & Affiliated Societies

Lucy Di Silvio



40th Anniversary & Affiliated Societies

- Discussion at 2nd National Presidents meeting on how best to celebrate 40th Anniversary
- ESB council proposed supporting a dedicated speaker at National Societies meetings. The invited speaker should be someone who has contributed to the society in some manner
- The council has invited National Presidents to come forward with other initiatives to commemorate the ESB 40th anniversary



YSF

Pamela Habibovic



Organisation

- Annual financial support: €3k
- Current YSF representatives:
 - Dr. Sandra van Vlierberghe (spokesperson)
 - Dr. Izabela Stancu (secretary)
 - Dr. Lorenzo Moroni (industry liaison officer)
 - Dr. Giuseppe Cama (educational officer)
 - Dr. Anna Finne Wistrand (national chapters liaison officer)



Activities in 2015 and plans for 2016

- YSF Workshop: Young Scientists joining forces for excellence in biomaterials research, 28-29 May 2015, Bucharest, Romania;
- YSF Workshop: From creative thinking towards product commercialization: The complete value chain, 30 August 2015, Krakow, Poland;
- YSF-initiated Workshop on the topic of education in biomaterials research, in collaboration with young scientists organisations of other biomaterials societies at WBC, 17-22 May 2016, Montreal, Canada.
- Another YSF Workshop in 2016, to be hosted in Frankfurt, Germany by the YSF German Chapter, organizer Dr. Sharam Ghanaati.



Microsite

- YSF's microsite at renewed ESB website with information on:
 - Information of YSF and its representatives;
 - YSF events and activities;
 - Academic job opportunities;
 - Elections.



2015 Elections

- YSF announced elections for 4 new representatives and 8 candidates applied for these positions:
 - Sandra van Vlierberghe
 - Joana Cristina Silva Magalhaes
 - Giuseppe Cama
 - Valeria Perugini
 - Laëtitia Galea
 - Alfredo Ronca
 - Raucci Maria Grazia
 - Mark G. Best

All ESB members below 40 years of age are invited to vote.

For information about the candidates and to vote, please visit the YSF microsite at esbiomaterials.eu



Sponsorship for lab exchange: Racquel Z. LeGeros Award

Joëlle Amédée



Racquel Z. LeGeros Award

- A new Award established to encourage and stimulate international research visits (at least 3 months) for graduate students (ESB member) in International or European academic laboratories or companies dedicated to biomaterials and regenerative medicine.
- Increase their knowledge in a specific topic and /or a technology in the field of Biomaterials and Tissue engineering.

ESB2015, Krakow, Poland 46



Racquel Z. LeGeros Award 2014-2015

Claudia Loebel: AO Research Institute Davos, Switzerland

Supervisor: Dr. David Eglin

ESB2015, Krakow, Poland



European Doctorate Award Dedication to Prof. Julia Polak

ESB Young Scientist Forum,
 September, 2nd 2015



J Mater Sci Mater Med

Joelle Amedee



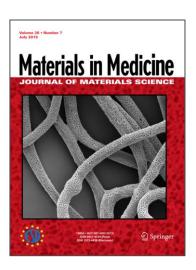
Journal of Materials Science: Materials in Medicine

Editors: Prof S. Best; Prof M. Santin

- The Journal of Materials Science: Materials in Medicine is the official journal of the European Society for Biomaterials (ESB)
- Covers the science and technology of biomaterials and their applications as medical or dental implants, prostheses and devices, from basic science to clinical applications
- Examines the metals, ceramics, polymers and composites used in orthopaedic, maxillo-facial, cardiovascular, neurological, ophthalmic and dental applications



Journal of Materials Science: Materials in Medicine New features in 2014-2015



- Signature of the contract with SPRINGER that for the first time pays the society an annual fee of 8000 €
- Provide free online subscription to members
- New cover page
- Monthly Editors' Choice with editorial commentary: select articles are discussed beyond the confines of reported scientific work.
- Clinically Focused translational Research section

Read



Journal of Materials Science: Materials in Medicine Journal Metrics 2014-2015

2014 impact factor: 2.587 (2.14 in 2012; 2.38 in 2013)

Ranking: Materials Science, Biomaterials: 19/33

Journal Author Satisfaction, likelihood to publish with Springer again: 90 %

Editorial Status Summary:

Total submitted

2012: 987

2013: 901

• 2014: 822

Acceptance rate: 33%

| Submissions | 2012 | 2013 | 2014 |
|--|-------|------|------|
| Total Submitted | 987 | 901 | 822 |
| | | | |
| Total Decisioned | 1,001 | 915 | 801 |
| Accept | 297 | 277 | 267 |
| Reject | 704 | 638 | 534 |
| Acceptance Rate | 30% | 30% | 33% |
| Rejection Rate | 70% | 70% | 67% |
| | | | |
| Average Days to First Decision | 59 | 60 | 56 |
| Average Days to Final Disposition Accept | 144 | 146 | 134 |
| Average Days to Final Disposition Reject | 52 | 52 | 47 |



Journal of Materials Science: Materials in Medicine Awards 2014

Best paper:

Application of carbon nanotubes layered on silicon wafer for the detection of breast cancer marker carbohydrate antigen 15-3 by immuno-polymerase chain reaction. By S. Sadhasivam, Jung-Chih Chen, S. Savitha, Chun-Wei Chang, Feng-Huei Lin.

JSMMM, 2014, 25; 1; 101-111.

Institute of Biomedical Engineering and Nanomedicine, National Health Research Institutes, Zhunan, Miaoli, Taiwan

Best micrographs:

Dynamics of silver nanoparticle release from wound dressings revealed via in situ nanoscale imaging. By R. David Holbrook, Konrad Rykaczewski, Matthew E. Staymates

JSMMM, 2014, 25; 11; 2481-2489.

Nanomaterials Research Group, Materials Measurement Science Division, Material Measurement Laboratory, National Institute of Standards and Technology, 100 Bureau Drive, Gaithersburg, MD 20899, USA



Digitalization

Marc Bohner







WARDS ~ PUBLICATIONS EDUCATION INNOVATION YSF V MEMBERS V Q

DISCOVER OUR ORGANIZATION

| Ou | Our History |
|-------------|-------------------------|
| The | Council Details |
| Inte ESB | Liaison |
| Hist | Statutes and bylaws |
| ESE | Minutes |
| Hist | Elections |
| | Membership |
| | Past General Assemblies |
| | Subscription Guidelines |
| | |

ır History

European Society for Biomaterials (ESB) was founded in March 1976, and became a member of the ernational Union of Societies for Biomaterials Sciences and Engineering (IUS-BSE) at its conception, in 1979. The today has approximately 750 members from 33 different countries worldwide.

tory of the European Society for Biomaterials, published in celebration of its 25th anniversary (PDF)

B Officers

tory of ESB Presidents, Vice-Presidents, Secretaries and Treasurers.





ABOUT ESB AWARDS V EVENTS V PUBLICATIONS EDUCATION INNOVATION YSF V MEMBERS V Q

DISCOVER OUR ORGANIZATION

| Our History | Past General Assemblies | |
|-------------------------|--|--|
| Council Details | 1975 - Decision to start ESB | |
| Liaison | Meeting Instituto Ortopedica Rizzoli 1975.pdf | |
| Statutes and bylaws | 1976 - Founding of the Society Draft Statutes of ESB 1976.pdf | |
| Minutes | Inaugural Meeting 1976 12th-13th March.pdf | |
| Elections | Statute of ESB 1976.pdf Statutes of ESB 1976.pdf | |
| Membership | 1977 | |
| Past General Assemblies | Invitation to the 1977 GA.pdf Minutes of the 1977 GA.pdf | |
| Subscription Guidelines | 1978 | |

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Council Elections

Marc Bohner, Liz Tanner



End-of-term council

- Matteo Santin
- Pamela Habibovic
- Peter Dubruel
- Marc Bohner
- Abhay Pandit

2011

• Joëlle Amédée

2007-2015

Michael Doser

Lucy Di Silvio

Pedro Granja

2013

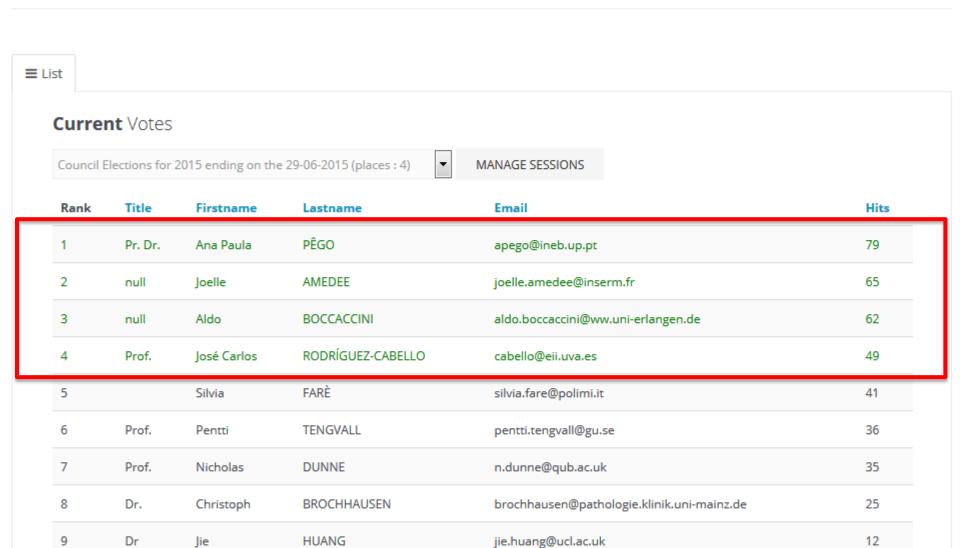


Vote

- 1 Candidate for re-election (JA)
- 7 New Candidates
- Online vote
- Vote opened from May 1 to June 30
- Participation of 55%

VOTES

Results of votes for Council election.



60



New council

- Matteo Santin
- Pamela Habibovic
- Peter Dubruel
- Marc Bohner
- Abhay Pandit

- Joëlle Amédée
- Ana Pêgo
- Aldo Boccaccini
- José C. Rodriguez-Cabello



Any Other Business

Matteo Santin