



European Society for Biomaterials

Biomaterials are gaining importance in the development of the new treatments for many clinical applications.

The future of innovation in the field of medical devices and regenerative medicine depends on the deep understanding of the mechanisms of interaction between biomaterials and the host biological environment.

New chemistry and material engineering will need to emerge to produce biocompatible, bioactive, bioresponsive biomaterials.

The European Society for Biomaterials offers a multidisciplinary environment where scientific knowledge is promoted and technological solutions can be found.

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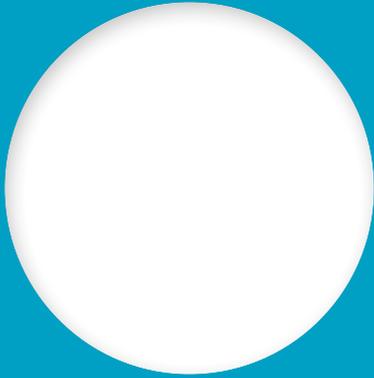
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www.esbiomaterials.eu

European Society for Biomaterials



Our History

The **European Society for Biomaterials** was founded in March 1976, and became a member of the International Union of Societies for Biomaterials Sciences and Engineering (IUS - BSE) at its inception in 1979. The ESB has a wide membership covering 27 different countries worldwide.

Our Mission

The **European Society for Biomaterials** is a non-profit organization at the forefront of the scientific community determined to tackle unmet clinical needs by means of advanced materials for medical devices and regenerative medicine.

We provide a year-long “virtual environment” where scientists, clinicians, industrials and regulatory affair experts can network to maximise R&D and commercial opportunities to the benefit of patients. Our interactive website favours social networking and is a show case for the “innovation” created by our members.

We ensure the highest-standard in organising the ESB annual conference and endorse other conferences in the field of biomedicine; indeed the “dissemination” of R&D is at the core of our mission.

Our business model focuses on the concept of a “R&D Hub” capable of maintaining a critical mass of expertise in the field of biomaterials. Adding an international dimension to the established national societies and to research groups of any member and affiliated country, we are available to support regulatory bodies and industry in their objectives to translate biomedical research to the bed side.

Our commitment towards the “education and training” of the next generation of scientists and technologists is manifested through the strong support of our Young Scientists Forum and through many awards and financial grants given to the young members of our community.

Activities

Awards

Recognising scientific excellence and passing its value to the next generations is the hall-mark of any organisation claiming to have a representative role in a community. Throughout the years, we have valued the contribution that many scientists have made to the field of biomaterials through a number of awards;

- The George Winter Award recognises senior scientists for their contributions in ESB.
- The International Award recognises senior scientists across the world who have fostered successful collaborations with our community.
- The Jean Leray Award recognises young scientists who have distinguished themselves with their research and have shown the potential to provide an outstanding future contribution to our community.
- The Translational Award recognises young scientists who have been able to develop innovation of clear pre-clinical and clinical applicability.
- Student Awards for podium and poster presentations in the annual society meeting.

Journal

The “Journal of Materials Science: Materials in Medicine” is the official Journal of our society. The Journal was founded by William Bonfield and is published by Springer. Serena Best (University of Cambridge, UK) and Matteo Santin (University of Brighton, UK) are the Editors-in- Chief. The journal adopts a “community - based” approach where the selection process necessary to ensure high-quality science is balanced by the duty of ensuring a wider dissemination of the research produced by our base. Towards this end, the Journal encourages full original papers and rapid communications in the area of

- Biomaterial synthesis and characterisation
- Engineering and nano-engineering
- Delivery systems in regenerative medicine
- Biocompatibility studies
- Cell substrates and tissue engineering constructs
- Clinical applications of biomaterials

Education

The Education Committee of the ESB is responsible for awarding the “European PhD in Biomaterials & Tissue Engineering Doctoral Award” for doctoral theses which illustrate an European dimension.

Website

The ESB is continually developing its mechanisms to facilitate dissemination of initiatives, information and ideas. The website www.esbiomaterials.eu aims to keep members abreast of recent developments.

Membership

Membership of the ESB is open to any person, irrespective of nationality, who has an interest in biomaterials, and is accepted for membership by the Council. Details are found on our website.

Current Affiliated Societies

[French Society for Biomaterials \(BIOMAT\)](#)

[Finnish Society for Biomaterials](#)

[German Society for Biomaterials](#)

[Hellenic Society for Biomaterials](#)

[Iberian Society for Biomaterials](#)

[Italian Society for Biomaterials](#)

[Romanian Society for Biomaterials](#)

[Scandinavian Society for Biomaterials](#)

[Swiss Society for Biomaterials](#)

[UK Society for Biomaterials](#)

[Polish Society for Biomaterials](#)

[Netherlands Society for Biomaterials and Tissue Engineering](#)