

CV – YSF Elections 2017



CV (David Barata)

Name: [David Miguel Baião Barata](#)
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Nationality: [Portuguese](#)

Date of birth: [18/05/1984](#)

Current position: [Post-doctoral researcher, MERLN, Maastricht University](#)

Research interests: [Regenerative Medicine, Biomaterials, Microfluidics, Cell-material interactions, Microenvironments, Lab/Organ-on-Chip, High Throughput/Content Analysis](#)

Position applied for:

<input checked="" type="checkbox"/>	YSF communication and dissemination officer
<input type="checkbox"/>	YSF industrial liaison officer
<input type="checkbox"/>	YSF educational officer
<input type="checkbox"/>	YSF secretary
<input type="checkbox"/>	YSF national chapters liaison officer

Attendance of past ESB conferences:

[2014 – 26th European Conference on Biomaterials, Liverpool, UK](#)

Candidate:

[01/2016 to present – Post-doctoral research, IBE-MERLN, Maastricht University](#)
[12/2015 to 01/2016 – Visiting researcher, MBI, National University of Singapore](#)
[09/2011 to 11/2015 – PhD candidate, TR-MIRA, University of Twente / Maastricht University](#)
[03/2010 to 08/2011 – Research fellow, ITQB, Universidade Nova de Lisboa](#)
[07/2017 – PhD \(in Biomedical Sciences\), Maastricht University](#)
[01/2010 – MSc in Biotechnology, Universidade Nova de Lisboa](#)
[09/2007 – Licenciatura in Cellular and Molecular Biology, Universidade Nova de Lisboa](#)

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Motivation: The YSF-ESB represents a major opportunity for enabling the future of biomaterials community in Europe, which may only be fully accomplished by great cohesion among national structures on the field and related academic institutions. Such empowerment should also be aimed at the earliest stages of university education in order to provide a solid base for the training of highly skilled professionals either on development, translation or commercialization of new solutions of the biomaterials market.

For young scientists as PhD candidates or post-docs, often a wide and integrated offer on training and knowledge consolidation is missing, which difficult personal development and slows scientific throughput. On that specific issue, the maximization of interdisciplinary networks as the ESB, galvanized by its YSB, shall play a role on developing and providing tools for improved educational opportunities to its members. For example, a database on well-established training programs from member's institutions should be made available and promoted at YSF micro-website, and even fully credited by ECTS (deepening contacts with graduate schools from biomedical science studies), and informal others easily added for diffusion. On another hand, YSF can be the platform linking ESB mission to undergraduate students, that often self-organize at local, national and international levels (e.g. student congresses in (bio)medical sciences: MOSA Conference @ Maastricht, ISCOMS @ Groningen, ENEB @ Portugal, etc). These goals are expected to serve the strengthening of coordination between national peers and the collaboration with other YSF officers (education and national chapters liaison); resulting in overall higher levers of participated and active communication: internal and external.

In the past, I have been involved in several volunteering organizations as an active board member at local, national and international level, such as Interact and Rotaract clubs (1998-2014), Board of European Students of Science and Technology (2008-2010), PhD Network of the University of Twente (2011-2014).

Possible Achievements: 1) Centralized database on ESB-YSF website with training opportunities with updated dates and link to application form (at least 20 outputs, yearly updated); 2) ESB represented at ERN (at least informally – non EU funded – at 5 locations); 3) YSF-ESB represented in national students meetings, just with merchandising and/or keynote (at least 2, every year, in two countries); 4) Provide continuity of established communication platforms, e.g. website and newsletter, and promote consolidation on social networks.

Communication skills: Portuguese, English, Spanish, French

Any other ideas/remarks: Through YSF, get ESB involved in European Researchers Night initiative as a manner of shortening the distance between the science done by ESB members and society, increasing the perception and acceptance of its work. YSF/ESB can use/create centralized resources and educational merchandising for such science popularization events.