

European Society for Biomaterials-YSF (ESB-YSF) Board Elections Application Form

It should not exceed two A4 pages and should include a photo of the candidate.

Paula I. P. Soares



Name: Paula Isabel Pereira Soares

Nationality: Portuguese

Date of birth: October 28th, 1985

Current position (position, affiliation): Junior Researcher (CEEC-Ind, individual contract of Scientific Employment Stimulus), CENIMAT/i3N, Materials Science Department, NOVA school of Science and Technology

Research interests (5 keywords): Magnetic nanoparticles, cancer theranostics, multifunctional devices, drug release, electrospinning

Position applied for (please rank your preferences from 1 (most preferred position) to 6 (less preferred position)):

5	YSF Spokesperson
1	YSF communication and dissemination officer
3	YSF industrial liaison officer
1	YSF educational officer
2	YSF secretary
4	YSF national chapters liaison officer

Past ESB conferences attended:

- 26th Annual Conference of ESB, 31 August – 3 September 2014, Liverpool, England
- 11th World Biomaterials Congress, 11 – 15 December, Online
- 30th Annual Conference of the European Society for Biomaterials, 9 – 13 September 2019, Dresden, Germany
- 31st Annual Conference of the European Society for Biomaterials (ESB2021), 4 – 9 September 2021, Online



ESB-YSF Board Elections - 2022

Candidate summary (max 1 page)

I'm a Researcher in the Biomaterials group lead by Prof. João Paulo Borges at Cenimat|i3N, in the Materials Science Department from NOVA School of Sciences & Technology. I have a Master degree in Pharmaceutical Sciences (2009) and a Ph.D. in Nanotechnologies and Nanosciences (2015). Currently I'm working in the development of multifunctional magnetic devices for biomedical applications, namely magnetic hyperthermia, magnetic resonance imaging, and controlled drug delivery systems. I have published 22 articles in peer-reviewed journals and 3 book chapters. I also supervise students during their Master thesis (> 30) and Ph.D. thesis (5) and give support to theoretical and lab classes in the department, mainly Biomaterials, Biomaterials and Nanomedicine and Introduction to biomaterials. Since 2017, I'm the Principal Investigator of a National Research Project, DREaMM (Ref. PTDC/CTM- REF/30623/2017), and since 2020 of a project in Programa Pessoa – Translational Cooperation between Portugal and France in collaboration with Dr. Sebastian Blanquer from the Institut Charles Gerhardt Montpellier, Université de Montpellier, France. I'm also a member of two other national projects. In 2020, I was awarded with a Junior Research Contract under the Individual Call to Scientific Employment Stimulus - 3rd Edition sponsored by Fundação para a Ciência e Tecnologia.

Motivation: *As a Biomaterials scientist, we understand that our research field must be as multidisciplinary as possible. That is only truly possible if we have a strong contact network, ideally an international network. For me, being a part of the ESB-YSF board is a solid step to develop my scientific career. As an educator, I expect to further engage my students into YSF and ESB initiatives, providing a platform to share knowledge between different generations. That is one of the reasons why I enjoy giving lectures and supervising students. Being at the board of ESB-YSF, I felt that I can extend this work into a European level, enhancing the creation of multidisciplinary activities in the Biomaterials research field.*

Possible Achievements: *In my vision, the ESB-YSF is crucial for young scientist to enter in the field of Biomaterials research. The group promotes very interesting workshops and events at the ESB meetings and disseminates important information throughout all young scientists. As a Biomaterials scientist working closely with younger scientist, I intent to continue the legacy of the current ESB-YSF board, contributing to organize very useful workshops for young scientists during ESB meeting, promote and encourage networking and collaboration between young scientist through parallel events, and disseminate important information that can significantly impact their careers.*

Communication skills: *I believe that I have the adequate communications skills to be a part of the ESB-YSF board. As a Pharmacist, I worked for 3 years in a pharmacy, where I acquired the ability to communicate with non-specialist audiences, often explaining complex matters in a clear and simple way. As a professor in the NOVA University and as a supervisor, I communicate with young scientists on a daily basis (graduate, master, and PhD students), including Erasmus students and invited researchers. I also work in collaboration with colleagues in different countries in Europe (Spain, France, The Netherlands) with collaborative projects and shared master and PhD students. The spoken languages include Portuguese (native), English (fluent), Spanish (intermediate).*

Any other ideas/remarks: *With the Covid Pandemic, we have witnessed a severe case of misinformation about science. Since one of the main purposes of YSF is to communicate with young scientists, the presence of YSF in social media (Instagram, Facebook, Twitter) could be significantly enhance with the creation of content to fight the misinformation. The content could include information about Biomaterials' hot topics, share the work of different Biomaterials groups, or even disseminate important deadlines of career opportunities.*