



ESB-YSF Board Elections – 2026-2030

## 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.



*Name:* Lorenzo

*Nationality:* Bonetti

*Date of birth:* 13 January 1991

*Current position (position, affiliation):* Postdoctoral Research Fellow, University of Pavia (Italy)

*Research interests (5 keywords):* Biopolymers; Smart biomaterials; 3D/4D printing; Scaffolds; Tissue Engineering

*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
2	YSF educational officer
4	YSF secretary
3	YSF national chapters liaison officer

*Past ESB conferences attended:*

34<sup>th</sup> Annual ESB Conference, 7-11 Sept 2025, Turin (IT)

32<sup>nd</sup> Annual ESB Conference, 4-8 Sept 2022, Bordeaux (FR)

31<sup>st</sup> Annual ESB Conference, 5-9 Sept 2021, Virtual

29<sup>th</sup> Annual ESB Conference, 9-13 Sept 2018, Maastricht (NL)

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12<sup>th</sup> World Biomaterials Congress (WBC), 26-31 May 2024, Daegu (KR)

11<sup>th</sup> World Biomaterials Congress (WBC), 11-15 Dec 2020, Virtual



## Candidate summary (max 1 page)

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### **Motivation:**

I am highly motivated to contribute to the activities of the ESB-YSF, as I strongly believe in the importance of fostering a collaborative and inclusive community for early-career researchers. My experience as a young researcher has shown me how networking, communication, and shared initiatives can drive both scientific and personal growth. Joining the ESB-YSF board would allow me to promote these values, support the next generation of biomaterials scientists, and at the same time gain valuable international experience that would further enrich my professional and personal development through collaboration with peers and experts across Europe.

I am particularly interested in the positions of **YSF Communication and Dissemination Officer** or **YSF Educational Officer**, as I believe my background aligns well with both roles. In my current position as a Postdoctoral Researcher within an ERC-funded project, I am responsible for communication management and for supporting the project's social media activities. I also have experience engaging with diverse audiences — from students to academic staff — through various outreach and educational initiatives, including organizing and participating in the European Researchers' Night at the University of Pavia (since 2023), and assisting in the organization of an international summer school (2024) and a national scientific workshop (2025). Further details are provided in my CV (Section 9. *Scientific Outreach*).

### **Possible Achievements:**

If selected, I aim to further strengthen the interaction between young researchers and established members of the ESB community by actively contributing to the existing ESB-YSF initiatives and encouraging greater participation within the network.

As a possible achievement, I would like to propose a **dedicated online platform** (possibly within the YSF section of the ESB website) designed to facilitate collaboration among YSF members across Europe. This platform would enable members to offer or request specific skills, expertise, or access to research equipment, helping them to establish meaningful connections that could evolve into structured collaborations, joint research projects, and funding applications — ultimately supporting the independence and career development of early-career researchers.

In addition, I would like to promote interdisciplinary collaboration by proposing initiatives that bring together researchers from different fields to work on common challenges. These activities could also be coordinated and promoted through the same online platform, providing a central hub for idea exchange, matchmaking, and project development.

### **Communication skills:**

I have gained communication and organizational experience through several academic and outreach activities, listed as follows:

1. Scientific communication: 28 papers in peer-reviewed journals; 19 oral presentations (13 as speaker) and 9 poster presentations (5 as speaker) at national and international conferences.
2. Education and teaching communication: tutoring and teaching activities across all academic levels, from undergraduate to doctoral programs; mentoring and supervision of several B.Sc. and M.Sc. students; assisting in the organization of an international summer school (2024) and a national scientific workshop (2025).
3. Public outreach: support in the ERC Code4Bio project's social media activities (since 2023); organization of the scientific activities for the European Researcher's Night at the University of Pavia (since 2023); experimental hands-on sessions for prospective students in Biomedical Engineering during the Open-day at Politecnico di Milano, (2017-2022).
4. Interpersonal and collaborative communication: extensive experience in team collaboration; several international collaborations.

Further details are provided in my CV.

### **Any other ideas/remarks:**

I am eager to collaborate with an enthusiastic team of peers to further develop initiatives that connect young biomaterials researchers across Europe. Having attended **4 ESB Conferences** to date, I have gained a deep appreciation of the Society's values and its strong commitment to supporting early-career researchers. In particular, I had the opportunity to **organize a symposium for the 34<sup>th</sup> Annual ESB Conference (2025)**, also serving in the **Scientific Advisory Board** the same year, experiences that have strengthened my engagement with the Society. I have also personally benefited from the Society's support, having received the **Julia Polak European Doctorate Awards 2022**, which made me value even more the important work of the ESB-YSF. Overall, I believe that my enthusiasm, interdisciplinary perspective, and experience in both academic and outreach contexts will enable me to make a constructive contribution to the ESB-YSF Board.