

CV – YSF Elections 2017

CV (Liliana, Moreira Teixeira)

Name: Liliana Sofia Moreira Teixeira

Nationality: Portuguese

Date of birth: 10th of April of 1982

Current position: Senior post-doctoral researcher



Research interests: My current interests include:

- a) Development of biomaterial-mediated biomimetic therapies;
- b) Implementation of platforms which support micro-organotypic tissue formation and (stem) cell micro-niches;
- c) Establishment of microfluidic-based platforms as *in vitro* models for compound screening and regeneration therapies – organs-on-chips.

Position applied for:

	YSF communication and dissemination officer
	YSF industrial liaison officer
x	YSF educational officer
	YSF secretary
	YSF national chapters liaison officer

Attendance of past ESB conferences:

ESB 2009, September 7-11, 2009, Lausanne, Switzerland. Oral contribution: L.S. Moreira Teixeira, R. Jin, P.J. Dijkstra, J. Feijen, C.A. van Blitterswijk, M. Karperien. *In Vitro* Biological Evaluation of Rapidly In-Situ Forming Dextran-Tyramine Hydrogels for Cartilage Tissue Regeneration.

Candidate:

Motivation: Improving the quality of life via technological advances drives my scientific motivation. I have therefore become a well-recognized scientist in the development of biomaterials, models for drug screening, and personalized medicine approaches. My scientific prowess and capability to innovate has been clear since the earliest stages of my scientific education, focused in cell-biomaterial interactions and regenerative medicine. During my doctoral (Twente University) and post-doctoral formation (Twente University, KU Leuven, Harvard Medical School and Maastricht University), I have established tissue engineered

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approaches based on the translation of developmental principles into novel cell- and biomaterial-based models and therapeutics. My substantial track record is supported by my publication profile (h-index=17 and i10=21, with over 1500 citations), successful patents/ROIs (5), scientific papers (25) and grants (€255.000 in total).

During my scientific career, **the dissemination of knowledge and my research findings has always been a priority and the main reason why I am very much interest in working in the Young Scientist Forum as the YSF educational officer.** My active and constant interest in educational activities is reflected in different fronts, ranging from teaching and supervision of students, to organizing Tissue Engineering symposia, to presenting my work internationally, as an active member of different TE societies. More precisely, I have been involved in the supervision of several PhD, MSc and BSc students, and I am currently involved in designing and teaching a new curriculum on Research Master Regenerative Medicine, a recently implemented track of the master programme in Biomedical Sciences of Maastricht University. Through this channel, I expect to share my knowledge and expertise to a new generation of students. To disseminate my findings and those of other scientists to the public, I have co-organized (2013) and was the chairman of the organizing committee (2015) of the Belgian Symposium on Tissue Engineering. As a result of sharing my work at the academic level, I have received multiple presentation, travel and poster awards from Tissue Engineering & Regenerative Medicine Society (TERMIS), from the International Society Curie Cutting Edge InVENTS, from the Biomedical Technology Institute of Twente University, from the Dutch Society for Biomaterials and Tissue Engineering (NBTE), and from Harvard-MIT.

Taken together, my educational qualifications and past achievements applied to the field of biomaterials and tissue engineering clearly highlight my affinity for the position of YSF educational officer.

Possible Achievements: My intended achievements as YSF educational officer include:

- 1) Stimulate knowledge sharing by creating a database where recent publications and publications of interest can be uploaded by the ESB community and available for all members;
- 2) Create a regular newsletter with information oriented for young researcher which includes: a) open career positions within the ESB community and related network, b) workshops and Winter/Summer schools; c) Congresses, symposia and seminars in the field of biomaterials with special interest for ESB members, and, d) granting schemes for early career development.
- 3) Stimulate communication between early researchers by creating a direct channel for dialog among members to e.g. discuss relevant topics, suggest activities, stimulate mobility by sharing experiences, and share educational material.

Communication skills: Portuguese: native; English: excellent; Dutch: moderate; Spanish: moderate; French: basic.

Any other ideas/remarks: The key element for my intended contribution as YSF educational officer is to create an enabling platform oriented for young researchers where updated information at the educational level is available and easy to access. The main goal is to enhance communication between the young members of the community by creating direct channels where education in career development is the main focus.