

CV – YSF Elections 2017

CV Elena Maria, Varoni

Name: Elena Maria Varoni

Nationality: Italian

Date of birth: July 25th, 1984

Current position: Assistant Professor (Ricercatore RTD B) at Università degli Studi di Milano, Italy

Research interests: Tissue engineering - Periodontal regeneration; Nanomedicine – Anti-cancer Drug Delivery; Oral Medicine; Nutrition - Phytochemicals

Position applied for:

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

Past ESB conferences as co-Author:

- Rita Sorrentino, Diletta Squarzanti, Andrea Chiesa, Lia Rimondini, Andrea Cochis, Luigi De Nardo, Elena Varoni and Barbara Azzimonti. “Generation of a bioengineered 3D bone-mucosal oral model from human derived primary cells” (ESB Athens 2017)
- Lina Altomare, Elena Guglielmo, Elena Maria Varoni, Lia Rimondini, Luigi De Nardo. “Porous chitosan scaffold with highly oriented microchannels” (ESB Madrid 2013)
- Michele Iafisco, Elena Maria Varoni, Jaime Gómez-Morales, Josè Delgado-Lòpez, Norberto Roveri, Lia Rimondini, Maria Prat. “Cell surface receptor targeted nanocrystalline apatites for cancer therapy” (ESB Dublin 2011)

Candidate (ORCID ID 0000-0002-7287-2188; H-Index Scopus 11):

Motivation: Joining the Young Scientist Forum (YSF) will be not only an awesome honour, but also a pivotal opportunity to expand my way of thinking and acting, promoting international collaborations among young experts from all over the world, and to contribute in disseminating the “best available” knowledge. I have genuine trust and awareness in the vision and the mission of the YSF, as well as much willingness and enthusiasm to devote the indispensable effort required by the role of YSF national chapters liaison officer. I have been member of the Italian Society of Biomaterials (Società Italiana di Biomateriali, SIB) since I was PhD student in “Biotechnologies for Human Health”, which I achieved in 2012 with a project on nanomedicine applied to anti-cancer drug delivery. Findings were published in *Small* (I was the co-first author) and I was awarded of the “Student THERMEC Award” at “THERMEC 2011 International Conference on Processing & Manufacturing of Advanced Materials” (Quebec City, 2011). Then, I spent one year as post doc at McGill University (Montreal, Canada) and, later, four years at University of Milan, where I currently work as Assistant Professor. I followed a project on periodontal regeneration, where we developed a new multi-layer scaffold, which led to the achievement of the “H. Goldman Prize” (2013), one EU patent deposition (2014, N°: EP2845612), and the publication of results in the *Journal of Dental Research* (I was the first author). In 2015, I gained two SIB travel grants to participate at Hellenic Society of Biomaterials Conference (Athens) and at Italian School of Biomaterials (Ischia), respectively. I also won the “World Biomaterial Congress (WBC) Trainee Award” in Montreal (2016). At SIB conferences, which I always attended as much as I could, I obtained important goals including awards for the “best” oral and poster presentations. In all societies I met, I have found a passionate “scientific family” of experts, supportive and keen to involve others, especially young scientists. I feel prepared to serve YSF as liaison with national Societies.

Possible Achievements: On the wave of the EU Contest for Young Scientists (http://ec.europa.eu/research/eucys/index_en.cfm?pg=objectives), the YSF could promote a similar initiative (“YSF ESB Contest”), to spread similar “ideals of co-operation and interchange between young scientists”. Enhanced collaborations among young researchers is expected not only to encourage lab exchanges and to share experiences, but also to create new networks potentially useful for EU grant applications.

Communication skills: I am a confident English speaker, with basic knowledge of French.

Any other ideas/remarks: In 2008, I graduated in dentistry *cum laude*. While working on basic research projects mentioned above, I never stopped clinical practice and related research, achieving, at the early stage of my career, the “European Association of Oral Medicine (EAOM) Young Scientist/Clinician Prize” and getting published a clinical picture in *The New England Journal of Medicine*. My career has been devoted to both basic and clinical research. Thus, I would be interested in contributing to YSF also in a clinical perspective, enhancing the multi-disciplinary approach. Eventually, I would be honoured to organize working groups of young scientists intended to produce reviews, ideally systematic reviews, on biomaterials (I belong to the Oral Health Cochrane Group).