Chiara Vitale-Brovarone

Web site: www.ercprojectboost.eu; www.giottoproject.eu; www.mozartproject.eu
ResearcherID Scopus 6603151977 (h-index 38, citation number 4174)

EDUCATION

Jan. 1998-Dec. 2000	PhD In Materials Engineering – Politecnico di Milano, Italy (PhD supervisor Prof. P. Appendino), Thesis defense date: 5th March 2001
Sept.1992 – Febr.1997	Master Degree in Materials Engineering, Politecnico di Torino, Italy, Degree obtained in February 1997

CURRENT AND PREVIOUS POSITIONS

Since Dec. 2017	Full Professor in Materials Science and Technology, Politecnico di Torino, Applied Science and Technology Department
Since Nov. 2014	Associate Professor in Materials Science and Technology, Politecnico di Torino, Applied Science and Technology Department
Jan. 2005 – Oct. 2014	Assistant Professor in Materials Science and Technology, Politecnico di Torino
Jan. 2001- Dec. 2004	Lecturer in Materials Science and Technology, Politecnico di Torino

FELLOWSHIPS AND AWARDS

Oct. 1999 - March 2000	**Fellowship** at the Materials Science of Lawrence Berkeley National Laboratory-Berkeley-California-USA. Supervision: Prof. A.P. Tomsia and Prof. E. Saiz (6 months)
Febr. 1996 - June 1996	**Scholarship** at the Ecole de Chimie de Montpellier, Master Science Degree Thesis-Montpellier-France.
From 2006 up to 2012	She had won, every year, the Award for Outstanding Scientific Activity of Young Researchers, promoted by Politecnico di Torino for researchers under 40 years.
MATCh Project	MATCh project (GA 286548, http://www.match-euproject.com), coordinated by the PI, is a European Project that achieved outstanding results and was awarded by the European Commission as **SUCCESS CASE HISTORY.** Recently it has been highlighted in the news of the American Ceramic Society (http://ceramics.org/ceramic-tech-today/biomaterials/biocompatible-glass-ceramic-implants-may-help-hips-live-past-expiration-dates) and in the press release of GTS (a UK SME specialised in glass production-http://www.glass-ts.com/news/pioneering-biocompatible-glass-ceramics-are-set-to-revolutionise-hip-joint-implants)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

At present	Supervision of 5 PhD Students, 3 Post-docs and 1 lecturer**.**
Since 2010	Supervisor of 10 Doctoral Thesis.
Since 2000	Supervisor of over 50 Master Science Degree theses at Politecnico di Torino

TEACHING ACTIVITIES

Since 2016	Chair in *Material Engineering*, Master degree in Materials Engineering (70 students), 130h/year, Politecnico di Torino
2002-2015	Chair in *Materials Science and Technology*, Bachelor degree in Mechanical Eng. (>200 student) and in Civil Eng. (>150 student), 60h/year each, Politecnico di Torino
2004 - 2011	Chair in *Biomaterials II*, Master degree in Biomedical Eng. (50students),60h/year, Politecnico di Torino
Since 2012	Chair in *Engineering materials and surfaces for biomedical applications*, Master degree in Biomed Eng. (90 students), 30h/year, Politecnico di Torino
2006-2012	Chair in *Scaffold for tissue regeneration*, Course to PhD student in Biomedical Engineering and Materials Science, 20h

ORGANISATION OF SCIENTIFIC MEETINGS

2020	**Workshop organiser at World Biomaterial Conference**
2017	**Workshop organiser at BiomaH**
2017	**Symposium co-organiser at Euromat 2017**
2014	**Termis Conference** (10-15th June 2014) **Chairman and Organiser of the Symposium** *"Next-generation multifunctional bioceramics for targeted applications"*
2014	**EMR Fall Meeting** 15th-19th September, **Symposium co-organizer** *"Bioceramics for Bone and Joint Repair"*
2013	**ESB 2013**- Madrid, 11th September **co-organizer** of the Special Session *"Bioceramics for the future"*
2012	24th-25th October 2012, Torino-Sala Agorà (120 attendants) **Organiser** of the workshop *"Glasses and ceramics for biomedical applications"*
2009	Istituto Ortopedico Rizzoli, Bologna-Italy Seminar "Glasses and their biomedical applications"

- **5 MAIN FUNDED PROJECTS**

1. **Coordinator** of the funded H2020 project GIOTTO "Active ageing and osteoporosis: the next challenge for smart nanobiomaterials and 3D technologies" (GA: 814410**)**
2. **PI of the ERC grant** - "Biomimetic trick to re-balance osteoblasts-osteoclast loop in osteoporosis treatment: a topological and materials driven approach"- (GA 681798)
3. **PI of the GRACE project** funded by MIUR (Fare Ricerca in Italia)
4. **Coordinator** of the funded H2020-NMP6-2015 project MOZART "MesopOrous matrices for localized pH-triggered release of therapeutic ions and drugs" (GA 685872)
5. **Coordinator** of the funded FP7-SME-2011 project MATCh "Monoblock Acetabular cup with Trabecular-like Coatings" (GA 286548). The project has been awarded as *Success Case History*. 1/10/2011-30/09/2013.

Torino, 15 maggio 2020

Prof. Chiara Vitale Brovarone