Silvia Spriano

[redacted]	**Place and Date of Birth:** Turin (Italy)[redacted]		
	Citizenship: Italian		
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	Current Position: Associate Professor		

Education			
Master Degree	July 1993	Università degli Studi di Torino	Honours graduate (110/110 lode)
PhD	January 1997	Metallurgical Engineering - Politecnico di Torino	

Work and research experience	
1997-2000	Graduated Technician at DISAT - Politecnico di Torino
2001-2004	Temporary Researcher at DISAT - Politecnico di Torino
2005-2005	Temporary Research Fellow at DISAT - Politecnico di Torino
2006-2008	Junior Lecturer at DISAT - Politecnico di Torino
2009-2016	Senior Lecturer at DISAT - Politecnico di Torino
2016- now	Associate Professor at DISAT - Politecnico di Torino

Summary of Research Activity

- Surface modification and characterization of metallic alloys for biomedical applications;
- Functionalization of biomaterials with natural biomolecules;
- Bioactivity and surfaces for enhanced osteointegration ability;
- Atoxic matrices for diamond tools;
- Shape memory and pseudo-elastic alloys;
- Antibacterial and anti-fouling surfaces;
- Surface for guided soft tissues generation;
- Coating for materials for high wear and/or fretting resistance

Supervision of PhD students

Sara Ferraris	2007-2009	Surface functionalization of Biomaterials
Cristina Balagna	2009-2011	New processes for metallic implantable biomaterials
Guanjun Pan	2010-2012	Innovative Ti alloys for biomedical applications: surface modification and manufacturing processes
Martina Cazzola	2015-2017	Multifunctional surfaces for implant in bone contact applications
Veronica Peretti	2016-2018	Surfaces with low friction and/or wear resistance for artificial joints
Jacopo Barberi	2018-on going	Interaction of biosurfaces with biological fluids: from material science to surface and tissue engineering

Summary of Publication Record (updated at April 2017)

Database	**Number of documents**	**Number of Citations**	**h-index**
Scopus	74	1133	20