



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **SARA MARIANI**
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E-mail sara.mariani@unito.it
Nationality Italian
Date of birth 1968/05/02
Gender Female

Occupational field University

Work experience

Dates **From 2006 to present**
Occupation or position held University Technician – D3 category
Main activities and responsibilities Molecular biology applied to solid tumors. Mutational analysis of solid tumor DNA in predictive medicine. PI or participant to national research projects.
Name and address of employer Dept. of Medical Sciences, University of Turin – Pathological Anatomy and Histology section – Città della Salute e della Scienza, Turin
Type of business or sector Laboratory, Health

Dates **From 2005 to 2006**
Occupation or position held Fellowship on “Immune regulation of GVHD and GVT mediated by T regulatory cells in allogeneic transplantation of blood stem cells”
Main activities and responsibilities Laboratory researcher, project leader
Name and address of employer sponsored by the Piedmont Region and “Ospedale Mauriziano” (Turin)
Type of business or sector Laboratory, Health

Dates **From 2004 to 2005**
Occupation or position held Fellowship on “Increase of antitumor immune responses mediated by gamma/delta T cell stimulation”
Main activities and responsibilities Laboratory researcher, project leader
Name and address of employer University of Turin, Dept. of Medicine & Experimental Oncology – Haematology Division
Type of business or sector Laboratory, Health

Dates **From 2002 to 2004**
Occupation or position held Fellowship on “ Role of Dendritic cells and regulatory/suppressor T cells in the immune-competence level of patients with Multiple Myeloma: biological and clinical implications”
Main activities and responsibilities Laboratory researcher, project leader

<u>Name and address of employer</u>	<u>University of Turin, Dept. of Medicine & Experimental Oncology – Haematology Division</u>
<u>Type of business or sector</u>	<u>Laboratory, Health</u>
<u>Dates</u>	From 2001 to 2002
<u>Occupation or position held</u>	Fellowship on “Tumor-host interactions in patients with lymphoproliferative disorders: role of tumor cells, T lymphocytes and dendritic cells in autologous and allogeneic anti-tumor immune responses”
<u>Main activities and responsibilities</u>	<u>Laboratory researcher, project leader</u>
<u>Name and address of employer</u>	Associazione Piemontese “Amici di Cosé Carreras per la lotta contro le leucemie e i linfomi”
<u>Type of business or sector</u>	<u>Laboratory, Health</u>
<u>Dates</u>	From 1999 to 2001
<u>Occupation or position held</u>	Fellowship on “Role of the family molecules TNF- α /TNF- α receptor in the immune response of patients with myeloma and lymphoma”
<u>Main activities and responsibilities</u>	<u>Laboratory researcher, project leader</u>
<u>Name and address of employer</u>	“Associazione Piemontese Amici di Cosé Carreras per la lotta contro le leucemie e i linfomi”
<u>Type of business or sector</u>	<u>Laboratory, Health</u>
<u>Dates</u>	From 1997 to 1999
<u>Occupation or position held</u>	Fellowship on “Molecular and phenotypic study about tumor-host relationships in Multiple Myeloma patients under anti-idiotypic vaccination”
<u>Main activities and responsibilities</u>	<u>Laboratory researcher, project leader</u>
<u>Name and address of employer</u>	“Associazione Italiana per la lotta contro leucemie e linfomi (A.I.L.)”
<u>Type of business or sector</u>	<u>Laboratory, Health</u>
<u>Dates</u>	From 1996 to 1997
<u>Occupation or position held</u>	Fellowship on “CD3/TCR complex organization of T lymphocytes in patients with Multiple Myeloma”
<u>Main activities and responsibilities</u>	<u>Laboratory researcher, project leader</u>
<u>Name and address of employer</u>	“Associazione Italiana per la lotta contro leucemie e linfomi (A.I.L.)”
<u>Type of business or sector</u>	<u>Laboratory, Health</u>
Education and training	
<u>Dates</u>	1993
<u>Title of qualification awarded</u>	Graduated in Biology Sciences, score 106/110
<u>Principal subjects/occupational skills covered</u>	Subjects: Human Genetics and Histocompatibility Occupational skills: Molecular Biology.
<u>Name and type of organisation providing education and training</u>	University of Turin, Dept. of Genetics, Biology and Biochemistry – Human Genetics Division
<u>Level in national or international classification</u>	ISCED level 5.
<u>Dates</u>	1994
<u>Title of qualification awarded</u>	Professional Qualification as Biologist

Principal subjects/occupational skills covered	Subjects: Haematology. Occupational skills: Molecular Biology. Flow-Cytometry. Cell cultures.																																								
Name and type of organisation providing education and training	University of Turin, Dept. of Biomedical Sciences & Human Oncology – Clinica Medica Division																																								
Level in national or international classification	ISCED level 5.																																								
Dates	1999																																								
Title of qualification awarded	Specialized in Biotechnology Applications																																								
Principal subjects/occupational skills covered	Subjects: Haematology. Multiple Myeloma and B-cell Chronic Lymphocytic Leukemia. Antitumor Immunology. Occupational skills: Molecular Biology. Flow-Citometry. Cell cultures.																																								
Name and type of organisation providing education and training	University of Turin, Faculty of Mathematical-Physical- and Natural Sciences																																								
Level in national or international classification	ISCED level 6.																																								
Other language(s)	English and French																																								
Self-assessment																																									
<i>European level (*)</i>																																									
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	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>Good</td> <td>B1</td> <td>Good</td> <td>A2</td> <td>Basic</td> <td>A2</td> <td>Basic</td> <td>B1</td> <td>Good</td> </tr> <tr> <td>A2</td> <td>Basic</td> <td>A2</td> <td>Basic</td> <td>A1</td> <td>Basic</td> <td>A2</td> <td>Basic</td> <td>A2</td> <td>Basic</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B1	Good	B1	Good	A2	Basic	A2	Basic	B1	Good	A2	Basic	A2	Basic	A1	Basic	A2	Basic	A2	Basic
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	<i>(*) Common European Framework of Reference for Languages</i>																																								
Social skills and competences	Excellent capability of social interaction with collaborators.																																								
Organisational skills and competences	Laboratory team-leader. Experience in design and management of research projects.																																								
Technical skills and competences	Molecular biology applied to DNA, RNA and proteins. Cell cultures. Flow-Citometry																																								
Computer skills and competences	S.O. Windows (XP, VISTA), OFFICE (Word, Excell, Power Point), Adobe Reader, Mutation Surveyor, Chromas, INTERNET																																								
Additional information	1995: member of the Italian Order of Biologists 1997: guest of the Molecular Biology Unit at the Pasteur Institute of Paris 2008: guest of the Molecular Pathology Laboratory of Chieti (Italy) Co-author of 26 papers published in IF-quoted journals, 2 in-extenso publications and more than 30 abstracts.																																								

- 1) S. Osella Abate, L. Bertero, R. Senetta, **S. Mariani**, F. Lisa, V. Coppola, J. Metovic, B. Pasini, S. Puig, M.T. Fierro, E. Manrique-Silva, R. Kumar, E. Nagore, P. Cassoni, S. Ribero. Usefulness of Routine Tert Promoter Mutation Analysis at Diagnosis for Trunk Melanomas. *Cancers*, 2019. DOI:10.3390/cancers11040452 .
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- 4) **Sara Mariani**, Luca Bertero, Simona Osella-Abate, Cristiana Di Bello, Paola Francia di Celle, Vittoria Coppola, Anna Sapino, Paola Cassoni and Caterina Marchiò. Extreme assay sensitivity in molecular diagnostics further unveils intratumour heterogeneity in metastatic colorectal cancer as well as artifactual low-frequency mutations in the KRAS gene. *British Journal of Cancer* 2017, 1-9, doi: 10.1038/bjc.2017.170.
- 5) Marchiò C., **Mariani S.**, Bertero L., Di Bello C., Francia di Celle P., Papotti M., Rudà R., Soffietti R., Cassoni P. Liquoral liquid biopsy in neoplastic meningitis enables molecular diagnosis and mutation tracking: a proof of concept. *Neuro Oncol*. 2016. Nov. 11. pii: now244. [Epub ahead of print].
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- 8) **S. Mariani**, C. Di Bello, L. Bonello, F. Tondat, D. Pacchioni, L. Molinaro, A. Barreca, L. Macri, L. Chiusa, P. Francia di Celle, P. Cassoni, A. Sapino. Flexible Lab-Tailored Cut-Offs for Suitability of Formalin-Fixed Tumor Samples for Diagnostic Mutational Analyses. *PlosOne* 10(4):e0121815. doi: 10.1371/journal.pone.0121815. 2015.
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- 12) **S. Mariani**, SY Hwang, M. Foglietta, L. Bonello, C. Vitale, M. Coscia, F. Fiore, B. Bruno, M. Massaia. Comprehensive assessment of the TCRBV repertoire in small T-cell samples by means of an improved and convenient multiplex PCR method. *Exp Hematol* 37: 728-738, 2009.
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- 19) **S.Mariani**, M. Muraro, F. Pantaleoni, F. Fiore, B. Nuschak, S. Peola, M. Foglietta, A. Palumbo, M. Coscia, B. Castella, B. Bruno, R. Bertieri, L. Boano, M. Boccadoro, M. Massaia. Effector $\alpha\alpha$ T cells and tumor cells as immune targets of zoledronic acid in multiple myeloma. *Leukemia* 19: 664-670, 2005.
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- 21) **S. Mariani**, M. Coscia, J. Even, S. Peola, M. Foglietta, M. Boccadoro, L. Sbaiz, G. Restagno, A. Pileri, M. Massaia. Severe and long-lasting disruption of T-cell receptor diversity in human myeloma after high-dose chemotherapy and autologous peripheral blood progenitor cell infusion. *British Journal of Haematology* 113: 1051-1059, 2001.

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Torino, 29/03/2019

Sara Mariani