

## *Daniela Pietra, PhD*

### **Personal data**

Name: Daniela Pietra  
Date and place of birth: 14/07/1974, Broni (PV), Italy  
Citizenship: Italian  
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### **Education**

Biological Sciences degree in 1998, University of Pavia.  
Graduate Advanced Diploma at the Scuola Avanzata di Formazione Integrata (SAFI) in 2001, University of Pavia.  
Postgraduate School of Applied Genetics (PhD-equivalent) degree in 2002, University of Pavia.

### **Current position**

Contract worker at the Department of Hematology Oncology of the Fondazione IRCCS Policlinico San Matteo – University of Pavia Medical School in Pavia

### **Scientific activity**

Author of more than 40 peer-reviewed papers, 6 oral communications and 40 communications.  
From 2000, member of the Italian Biological Register.  
Up to 2001, PhD-equivalent student at the Human Genetics and Genomics Unit of the Institute of Molecular Genetics – Italian National Research Council of Pavia, involved in the study of molecular mechanisms of DNA repair after UV damage. Particularly, she was interested in human hereditary genetic diseases associated with a defect in the nucleotide excision repair.  
From 2002, she is working at the Department of Hematology Oncology of the Fondazione IRCCS Policlinico San Matteo – University of Pavia Medical School in Pavia. Her scientific activity mainly focuses on the molecular mechanisms of the myeloproliferative neoplasms and it includes the participation at national and international collaborative studies. The identification and characterization of the *JAK2* V617F mutation and other DNA lesions in the JAK/STAT signalling pathway had provided useful tools to understand the molecular basis of these pathologies as well as to develop both qualitative and quantitative assays for the molecular diagnosis of myeloproliferative neoplasms and for the monitoring of patients enrolled in clinical trials. She presented her research data in several Italian and international meetings over the years, including oral communications at ASH 2007 and ASH 2008.  
She is involved in Research Projects supported by Associazione Italiana per la Ricerca sul Cancro, Ministero per la Università e la Ricerca Scientifica e Tecnologica, Fondazione IRCCS Policlinico San Matteo, Fondazione Cariplo, Alleanza Contro il Cancro.