

Anna Galli, PhD

Personal data

Name: Anna Galli
Date and place of birth: 25/08/1975, Pavia (PV), Italy
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Education

Biological Sciences Degree in 2000, University of Pavia.
Postgraduate Pharmacology degree in 2005, 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 14 peer-reviewed papers and 23 communications. From 2003, member of the Italian Biological Register. From 2001, she is working at the Department of Hematology Oncology of the Fondazione IRCCS Policlinico San Matteo-University of Pavia Medical School in Pavia. Research activity has been focused on iron metabolism and related disorders, including mitochondrial iron overload and ringed sideroblasts. In particular, she studied the expression, regulation and effects of mitochondrial ferritin in normal and sideroblastic erythropoiesis on cellular models developed from pathological and healthy donor stem cells transfected with lentivirus carrying mitochondrial ferritin. Current research interests are mainly focused on the molecular basis of myeloid neoplasms. These studies led to the identification of somatic mutations associated with specific subtype of these haematological malignancies and to identify deregulated gene pathways perturbed in MDS hematopoietic stem cells. Moreover, genomic studies combined with single colony analysis provided new insight in the clonal architecture of MDS. She is involved in Research Project 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.