

## Niccolò Bartalucci, BSc

### Personal data

Name: Niccolò Bartalucci  
Date and place of birth: 23/04/1984, Bagno a Ripoli, Firenze,  
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### Education

Current position: Post-doctoral fellow in Clinical and Experimental Oncology at the University of Florence.

Project title: *"Study of PI3K/Akt/mTOR pathway in Chronic Myeloproliferative Neoplasms"*

2008, October 23: Master Degree with 110/110 cum laude in Medical Biotechnology at the University of Florence discussing the thesis *"Study of RAD001, an mTOR selective inhibitor, effects on hematopoietic cells from patients with Chronic Myeloproliferative Neoplasms"*

2006, November 22: Degree with 110/110 cum laude in Biotechnology at the University of Florence discussing the thesis *"Study of V617F mutation of JAK2 gene in lymphocyte of patients with Idiopathic Myelofibrosis"*

### Research Experience

2007, January 1: Fellow in the Hematology Department, University of Florence, under the supervision of Prof. A.M. Vannucchi with the project *"Study of MPL mutation in Chronic Myeloproliferative Neoplasms"*

2006: Fellow in the Laboratory for the study of *Myeloproliferative Neoplasms (MPN)*, Hematology Department, University of Florence, under the supervision of Prof. A.M. Vannucchi

### Membership

2010: membership of the Italian Society of Experimental Hematology (SIES)

### Technical skills and Competences

Cell biology: isolation of blood cell population, immunomagnetic separation, cell cultures; flow cytometry analysis (extra-intra cellular staining, cellular viability, apoptosis and cell-cycle evaluation). Molecular biology: PCR and Real-Time PCR; single-colony genotyping; study of epigenetic aspects; protein extraction and evaluation by western blotting method; cell transfection and gene silencing.

### Publications

- Antonioli E, Carobbio A, Pieri L, Pancrazzi A, Guglielmelli P, Delaini F, Ponziani V, Bartalucci N, Tozzi L, Bosi A, Rambaldi A, Barbui T, Vannucchi AM *Hydroxyurea does not appreciably reduce JAK2 V617F Allele Burden in Patients with Polycythemia Vera or Essential Thrombocythemia*. Haematologica 2010, in press.

- Pieri L, Bogani C, Guglielmelli P, Zingariello M, Rana RA, Bartalucci N, Bosi A, Vannucchi AM. *The JAK2 mutation induces constitutive activation and agonist hypersensitivity in basophils of polycythemia Vera* Haematologica. 2009 Nov;94(11):1537-45.

-Ponziani V, Mannelli F, Bartalucci N, Gianfaldoni G, Leoni F, Antonioli E, Guglielmelli P, Ciolli S, Bosi A, Vannucchi AM *No role for CXCL12-G801A polymorphism in the development of extramedullary disease in acute myeloid leukemia* Leukemia. 2008 Mar;22(3):669-71.