

## PERSONAL INFORMATION

**Luca Agnelli** (Italy) luca.agnelli@unimi.it

## WORK EXPERIENCE

## ACADEMIC APPOINTMENTS

- 01/2014–Present **Research grant - Post-doc position in bioinformatics and biostatistics research in cancer**  
University of Milan - Department of Oncology and Hemato-oncology, Milan (Italy)  
Post-doc research grants - art. 22 L. 240/2010
- 08/2003–12/2004 **Fixed-term contract for research activity on hematologic malignancies and bioinformatics**  
University of Milan - Department of Medical Sciences, Milan (Italy)  
Fixed-term project-oriented employment contract - F.I.R.B. fund from Italian Ministry for University and Research on the topic: "Multiple Myeloma: molecular alterations and neoangiogenesis"

## OTHER APPOINTMENTS

- 01/2014–03/2014 **Fellowship for bioinformatics and biostatistics research in cancer**  
Società Italiana Ematologia Sperimentale  
Research fellowship on "Integrative genomics and high-throughput sequencing approaches to unravel relevant microRNAs in the biology and clinical outcome of multiple myeloma"
- 01/2011–12/2013 **Fellowship for bioinformatics and biostatistics research in cancer**  
Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan (Italy)  
Fellowships on the following topics: "Microarray analysis of deregulated microRNAs in multiple myeloma associated with disease progression and prognosis" and "Clinical and biological relevance of non-coding sequences (miRNA) in plasma cell dyscrasias"
- 01/2008–12/2010 **Fellowship for bioinformatics and biostatistics research in cancer**  
F.I.R.C. - Fondazione Italiana Ricerca sul Cancro, Milan (Italy)  
Fellowship on the project: "Genome, transcriptome and regulatory networks in multiple myeloma: integrative analysis of microarray data"
- 01/2005–12/2007 **Fellowships for research activity in hematologic malignancies and bioinformatics**  
Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan (Italy)  
Fellowships on the following topics: "Molecular pathogenesis of multiple myeloma: role of the MMSET gene involved in t(4;14) translocation"; "Global gene expression profiling of multiple myeloma: clinical insights into the bio-diversity of the disease"; "Genomic profiling (array-CGH) and gene expression (GEP) combined analysis for the prognosis and identification of new therapeutic targets: application to the study of multiple myeloma."
- 02/2002–07/2003 **Fellowship for research activity on hematologic malignancies**

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan (Italy)

Fellowships on the following topics: "Immunophenotypic and molecular genetic study in multiple myeloma and MGUS", "Monitoring of the disease in patients with hematologic malignancies: real-time quantitative PCR analysis of specific genetic lesions"

## TEACHING APPOINTMENTS

### 2008–2010 Fixed-term contract as Adjunct Professor/External Faculty Member

University of Milano-Bicocca, Milan (Italy)

Teaching activity:

- for the academic years 2008-2009 lab-assistant in the Immunogenomics course helded by Prof. P. Ricciardi Castagnoli and Dr. F. Zolezzi, University of Milano-Bicocca, Master of Science in Bioinformatics

- for the academic years 2009-2010 Adjunct Professor/External Faculty Member in the Immunogenomics course at the University of Milano-Bicocca, Master of Science in Bioinformatics.

### 01/2001–06/2001 Secondary education teaching professional

Professional Institute "Leonardo Da Vinci", Magenta (Italy)

Temporary vacancy position replacement for Earth Sciences and Biology teaching (18 hours per week) in secondary school.

### 12/2000–12/2001 Special education teaching

NovaCoop, Novara (Italy)

Training in secondary schools and information events on biotechnology in the agro-food field

## EDUCATION AND TRAINING

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### 2000 graduated in Biological Sciences

110/110 with honors

University of Milan, Milan (Italy)

Title of the study: "Molecular characterization of caveloin in immortalized hypothalamic neurons" - ref. Prof. D. Parolaro, Prof. M. Parenti - attended at the Dept. Pharmacology, Chemotherapy and Medical Toxicology, Milan

## POST GRADUATE STUDIES

### 2014 PhD in Experimental Hematology

University of Milan, Milan (Italy)

Title of the study: "Improved risk stratification in multiple myeloma using a microRNA-based classifier", attended at the Dept. Clinical Sciences and Community Health, University of Milan

## ADDITIONAL INFORMATION

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### Academic degrees

2014: in the National Scientific Qualification - application 2012, considered as eligible to be appointed as Associate Professor in the MIUR field codes:  
**05/F1 (Applied Biology)**  
**05/E2 (Molecular Biology)**

### Academic tutorships

Supervisor for the thesis "Genomic complexity and clinical correlations in Multiple Myeloma: monocentric retrospective study", by Ferla V. Specialization school in Hematology, University of Milan, academic year: 2016/2017.

- Conferences** Invited speaker at the XIV Congress of the European Hematology Association, Berlin "Bioinformatics tools in the onco-haematological field" - June 4-7, 2009
- Seminars** Invited teacher for the ECM course "Gene expression analysis in the biology and clinical evaluation of multiple myeloma and chronic lymphocytic leukemia", Cosenza (Italy), October 2011
- Invited speaker for teaching at the graduate school of Molecular Medicine, University of Milan in the academic year 2011/2012 on "Genomic integrative approach for molecular classification of multiple myeloma"
- Invited speaker at "L.A. Seràgnoli" Bologna - Next Generation Sequencing meetings - "The reconstruction of transcriptional regulatory networks reveals critical genes which have implications for clinical outcome of multiple myeloma" – Jan 16<sup>th</sup>, 2012
- Honours and awards** - "Young Researchers" award, 2006, Fondazione G. Berlucci, for his research activity and the application of high-throughput technology in the field of hematology-oncology (<http://www.fondazioneberlucci.com>).
- "Under 40 in hematology" award, 2013, 3rd placed, Fondazione Mattioli 1885 (<http://www.under40.it/>)
- Scientific award, 2014, Fondazione Bruno Farmaceutici, 3rd placed (<http://www.brunofarmaceutici.org/>)
- Licences and peer-review activity** **Reviewer for the following international journals:**
- Molecular Cancer Therapeutics
  - E-Biomedicine
  - BMC Cancer
  - Integrative Cancer Therapies
  - Oncotarget
  - Plos ONE
  - Carcinogenesis
  - Cancer medicine
- Licenses:** Author and maintainer of "FBN: FISH Based Normalization and Copy Number inference of SNP microarray data" package for R (Agnelli et al, 2009, Genes Chrom & Cancer) deposited at <http://cran.r-project.org/web/packages/FBN/>, released under General Public License.
- Memberships** Ordinary member of the "Società Italiana di Ematologia Sperimentale", from 2010 - present
- Ordinary member of the "Società Italiana di Ematologia", from 2018
- Ordinary member of the "Società Italiana di Cancerologia" and the "European Association for Cancer Research" (EACR), 2010
- Projects** **Project involvements:**
- Participating as involved personnel to:
- AIRC IG1194 grant "Global gene expression profiling of multiple myeloma: insights into the bio-clinical diversity of the disease" (ys. 2004-2006, 366.000€/3ys)
  - AIRC IG4148 grant "Identification of new pathogenetic signals and therapeutic targets of oncogenic ALK" (ys. 2006-2008, 150.000€/3ys)
  - AIRC IG4659 grant "Integrative genomic approach to the molecular pathology of multiple myeloma" (ys. 2007-2009, 363.000€/3ys)
  - AIRC IG8675 grant "Integrative genomic approach to the molecular pathology of multiple myeloma" (ys. 2009-2011, 240.000€/3ys)

- AIRC IG10136 grant "The role of microRNA in multiple myeloma: biological and clinical implications" (ys. 2010-2012, 462.000€/3ys)
- AIRC IG13358 grant "Identification and characterization of a new subclass of T-NHL: untying the role of ERBB4 in lymphomagenesis" (ys. 2012-2014, 300.000€/3ys)
- AIRC IG16722 grant "The relevance of long non-coding RNAs in the biological and clinical heterogeneity of multiple myeloma" (ys. 2015-2017, 450.000€/3ys)
  
- AIRC 5x1000 special program Molecular Clinical Oncology grant 2010 "A research platform for miRNA-based treatment of multiple myeloma and chronic lymphocytic leukemia" (12.200.000/5ys)

**Publications****SUMMARY:**

Publications [international - with I.F.] - PubMed database - from 2005 to present: **76**

Publications [international - w/o I.F.] - from 2005 to present: **1**

Books [scientific]: Springer ed. - from 2005 to present: **1**

Hirsch (H) index: **27** (source: scopus as of Feb, 2018)

Total Citations: **2072** (source: scopus as of Feb, 2018)

Details on: <https://www.scopus.com/authid/detail.uri?authorId=8343714000>

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**Chapters in scientific books:**

Neri A, Agnelli L. *The Genomics of Multiple Myeloma and Its Relevance in the Molecular Classification and Risk Stratification of the Disease*. Springer ed., 2013 in: U. Pfeffer (ed.), *Cancer Genomics: Molecular Classification, Prognosis and Response Prediction*, DOI 10.1007/978-94-007-5842-1

**Disclaimers**

Il sottoscritto, consapevole delle sanzioni penali nel caso di dichiarazioni non veritiere e falsità negli atti richiamate dall'art. 76 del D.P.R. 445/2000 e dalle leggi speciali in materia, dichiara la veridicità e la completezza di tutte le informazioni contenute nel Curriculum Vitae. Il sottoscritto esprime altresì il proprio consenso affinché i dati personali forniti possano essere trattati nel rispetto del Decreto legislativo 30.6.2003, n. 196.