

ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO

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CURRICULUM VITAE

INFORMAZIONI PERSONALI

COGNOME	GAMBINO
NOME	VALENTINA
DATA DI NASCITA	21, Maggio, 1980

Curriculum Vitae

Education

- **March 2010. Doctor of Philosophy (Ph. D.)** in Molecular Medicine, The University of Milan and European School of Molecular Medicine (SEMM), Milan, Italy.

Thesis title: P66Shc selectively regulates p53-dependent transcriptional activity to induce mammalian aging.

Supervisor: Prof. Pier Giuseppe Pelicci (IEO – European Institute of Oncology, Milan).

Examiners: Dr. Bruno Amati (IEO, Milan), Dr. Martin Holzenberger (Curie, Paris).

Final dissertation judgment: Excellent

- **February 2005. Master of Science in Biology (MSc.),** The University of Palermo, Italy.

Thesis title: Effects of Aurora A gene silencing in human lung cancer cells.

Supervisor: Prof. Aldo di Leonardo (University of Palermo).

Merit: 110/110 *cum laude*.

Professional experience

- **2017 Senior Post Doctoral Research Fellow,** PG Pelicci lab, IEO, Milan, Italy.

- **2011- 2016. Post Doctoral Research Fellow,** R.Bernards lab, NKI-AVL, Amsterdam, NL.

Description: Identification of new cancer-relevant genes by using functional genetic approach in BRAF(V600E) mutant human colon cancers.

Output: Collaborated with pharmaceutical companies and several international research institutes (Merck – Schering-Plough, SANOFI, ICO-IDIBEL, SIB).

Two published journal articles, initiation and management of an original research project resulting in a €6 million multi centric EU grant to test a novel drug application in oncology (MoTriColor Grant), 4 posters, and 15+ slide decks at internal and external meetings

- **2010 -2011. Post Doctoral Research Fellow**, PG Pelicci lab, IEO, Milan, Italy.

Description: Characterization of the p53 short isoform p44 and p66Shc protein signaling pathway.

Output: one published journal article.

- **2006-2010. PhD student**, PG Pelicci lab, IEO, Milan, Italy.

Description: Characterization of p53-p66Shc signaling pathway in the aging process.

Output: Generation of the p44Tgp66Sch null mouse model, one oral and two poster presentations at International conferences, generated data contributing to national and international grants funding (AIRC and NIH).

- **2003-2005. Master thesis Internship**, The University of Palermo, Italy.

Description: Study of the link between centrosome amplification, Aurora A gene over-expression and CIN phenotype in human lung cancer cells.

Output: Poster presentation at VII FISV (Italian Federation of Life Sciences) congress, 2005 Riva Del Garda, Italy.

Parent leaving

- **Maternity leaves**: November 2013-March 2014; February 2015-June 2015; Aprile 2016-September 2017

Invited presentations

- 2016: invited speaker at the University of Palermo in the frame of "Scientist around the world seminars"
- 2014: selected for poster presentation at 26th EORTCC-NCI-AACR Symposium (Barcelona)
- 2013: selected for poster presentation at the AACR meeting 2013 (Washington DC)
- 2012: selected for poster presentation at the 24th EORTCC-NCI-AACR Symposium (Dublin)
- 2009: selected for oral presentation at the "International PhD meeting" (London)
- 2008: selected for poster presentation at "The p53 International Meeting" (Shanghai)

Participation in industrial innovation

- **2011-2013** Investigation of synthetic lethal enhancers of ERK1/2-inhibition in KRAS-mutant Colon Cancer by using a novel ATP-competitive ERK inhibitor produced by Merck-Schering-Plough.

Prizes and Awards

- **2019-2020**: Fondazione Umberto Veronesi (FUV) postdoctoral fellowship recipient
- **2006**: Second classified at the European School of Molecular Medicine selection.
- **2011**: ERASMUS fellowship recipient at University of Oviedo (Spain) 2011
- **2000-2004**: ERSU fellowship recipient (2000-2004) from University of Palermo

Funding

- **2019-2020**: FUV (Umberto Veronesi Foundation) postdoctoral fellowship
- **2008-2009**: FUV (Umberto Veronesi Foundation) fellowship.

Supervising and mentoring activities

- **2018-2019**. Master thesis project supervision of Sharon Brembati, University of Milan
- **2013-2014**. Master thesis project supervision of Guus De Wilde, University of Amsterdam
- **2008-2009**. Master thesis student training of Oriella Venezia, Bicocca University, Milan

Publications

1. Giorgio, M. Dellino, IG. Gambino, V. *et al.* On the epigenetic role of guanine oxidation. Accepted for publication on *Redox Biology* **IF=7.77**
2. Vecchione, L.* Gambino, V.* *et al.* A Vulnerability of a Subset of Colon Cancers with Potential Clinical Utility. *Cell* 165, 317–330 (2016). **equally contribution* **IF=36,216**
3. Prahallad, A. Heynen, G.J. Germano, G. Willems, S.M. Evers, B. Vecchione, L. Gambino V. *et al.* PTPN11 Is a Central Node in Intrinsic and Acquired Resistance to Targeted Cancer Drugs. *Cell Rep.* 12, 1978–1985 (2015) **IF=7,815**
4. Gambino, V. *et al.* Oxidative stress activates a specific p53 transcriptional response that regulates cellular senescence and aging. *Aging Cell* 12, 435–445 (2013) **IF=7,346**

Data

3 Dicembre 2019

Luogo

Milano