

PERSONAL INFORMATION

Gianmaria Frige'
European Institute of
Oncology

WORK EXPERIENCE

Department of Experimental
Oncology,
Via Adamello, 16 20139 Milano, Italy
gianmaria.frige@ieo.it

January 2015 - Present

Translational Researcher

Clinical genomics Unit (director Prof. Pier Giuseppe Pelicci) European Institute of Oncology
Milan

January 2013 - December
2020

Postdoctoral fellow

European Institute of Oncology, Dept of Experimental Oncology. Laboratory of Prof. Saverio
Minucci

January 2009 - December
2012

PhD student

European Institute of Oncology, Dept of Experimental Oncology. Laboratory of Prof. Saverio
Minucci

May 2009

Visiting scientist

J. Craig Venter Institute (JCVI), Rockville MD USA under the supervision of Prof Samuel Levy

June 2008 - October 2008

Summer research internship

Smurfit Institute of Genetics, Trinity College Dublin, Ireland under the supervision of Prof.
Adrian Bracken

January 2007 - March 2008

M.Sc. internship

European Institute of Oncology, Dept of Experimental Oncology under the supervision of
Prof. Saverio Minucci

January 2005 - June 2005

B.Sc. internship

University of Milan, Dept. of Biomolecular Sciences and Biotechnology under the supervision
of Prof. Paolo Plevani and Prof. Marco Muzi Falconi

EDUCATION AND TRAINING

2012 **PhD in Molecular Medicine (Molecular Oncology)**

QEQ7

University of Milan, Italy

Thesis: Epigenetic alterations induced by the PML-RAR oncogene during the transformation process of its target cells”.

2007 **M.Sc. in Functional Genomics and Bioinformatics**

QEQ7

University of Milan, Italy

Thesis: “Identification of histone post- translational modifications associated with cis-regulatory elements”.

2005 **B.Sc. in Industrial and Environmental Biotechnology**

QEQ6

University of Milan, Italy

Thesis: “Characterization of phosphorylation of Rev1 in Saccharomyces cerevisiae”.

PERSONAL SKILLS

Mother tongue(s)

ITALIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Replace with name of language certificate. Enter level if known.

Levels: A1/A2: Basic user - B1/B2: Independent user - [Common European Framework of Reference for Languages](#) - C1/C2 Proficient user

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user [Digital competences - Self-assessment grid](#)

Driving licence

B

ADDITIONAL INFORMATION

Publications

L. Magnani*, G. Frigè*, R.M. Gadaleta, G. Corleone, S. Fabris, H. Kempe, P.J. Verschure, I. Barozzi, V. Viricillo, S. Hong, Y. Perone, M. Saini, A. Trumpp, G. Viale, A. Neri, S. Ali, M. Colleoni, G. Pruneri, S. Minucci. Acquired CYP19A1 amplification is an early specific mechanism of aromatase inhibitor resistance in ERα metastatic breast cancer. *Nature Genetics* 49 (3) 2017, p. 444-50 *Shared first author

V.T. Nguyen, I. Barozzi, M. Faronato, Y. Lombardo, J.H. Steel, N. Patel, P. Darbre, L. Castellano, B. Györfy, L. Woodley, A. Meira, D.K. Patten, V. Viricillo, M. Periyasamy, S. Ali, G. Frigè, S. Minucci, R.C. Coombes, L. Magnani. Differential epigenetic reprogramming in response to specific endocrine therapies promotes cholesterol biosynthesis and cellular invasion. *Nat Commun.* (2015) Nov 27;6:10044.

V. Saccone, S. Consalvi, L. Giordani, C. Mozzetta, I. Barozzi, M. Sardoná, Ryan, A. Rojas-Muñoz, L. Madaro, P. Fasanaro, G. Borsellino, De Bardi, G. Frigè, A. Termanini, X. Sun, J. Rossant, B.G. Bruneau, M. Mercola, S. Minucci, P.L. Puri. HDAC-regulated myomiRs control BAF60 variant exchange and direct the functional phenotype of fibro-adipogenic progenitors in dystrophic muscles. *Genes & development* 28.8 (2014): 841.

M. Soncini, F. Santoro, A. Gutierrez, G. Frigè, M. Romanenghi, O.A. Botrugno, I. Pallavicini, P.G. Pelicci, L. Di Croce, S. Minucci. The DNA demethylating agent decitabine activates the TRAIL pathway and induces apoptosis in acute myeloid leukemia. *Biochimica et biophysica acta* 1832.1 (2013): 114.

S. Saeed, C. Logie, K.J. Francoijs, G. Frigè, M. Romanenghi, F.G. Nielsen, L. Raats, M. Shahhoseini, M. Huynen, L. Altucci, S. Minucci, J.H. Martens, H.G. Stunnenberg. Chromatin accessibility, p300 and histone acetylation define PML-RARα and AML1-ETO binding sites in acute myeloid leukemia. *Blood*, 2012. 120(15): p. 3058-68.

Book chapters V. Frattini, F. Pisati, M.C. Speranza, P.L. Poliani, G. Frigè, G. Cantini, D. Kapetis, M. Cominelli, A. Rossi, G. Finocchiaro, S. Pellegatta. FOXP3, a novel glioblastoma oncosuppressor, affects proliferation and migration. *Oncotarget* 3.10 (2012): 1146.

G. Gargiulo, S. Levy, G. Bucci, M. Romanenghi, L. Fornasari, K. Y. Beeson, S. M. Goldberg, M. Cesaroni, M. Ballarini, F. Santoro, N. Bezman, G. Frigè, P. D. Gregory, M. C. Holmes, R. L. Strausberg, P. G. Pelicci, F. D. Urnov, S. Minucci. NA-Seq: a discovery tool for the analysis of chromatin structure and dynamics during differentiation. *Dev Cell*, 2009. 16(3): p. 466-81.

C. Biancotto*, G. Frigè*, Minucci, S.- Histone modification therapy of cancer. *Adv Genet*, 2010. 70: p. 341-86. *Shared first author.

Honours and awards Fondazione Umberto Veronesi Post-Doctoral Annual Fellowship 2020
Fondazione Umberto Veronesi Post-Doctoral Annual Fellowship 2019
Fondazione Umberto Veronesi Post-Doctoral Annual Fellowship
2018 AIRC Triennial Fellowships 2010-2012 5X1000



Personal information

Gianmaria Frige'

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date

Signature