

UNIVERSITÀ DEGLI STUDI DI MILANO

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**[Simone Tamburri]
CURRICULUM VITAE****INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)**

COGNOME	TAMBURRI
NOME	SIMONE
DATA DI NASCITA	[01, 04, 1986]

QUALIFICATIONS SUMMARY

- _ PhD student in Cellular and Molecular Biology (2016) and M.Sc. in Pharmaceutical and Medical Biotechnology (2011).
- _PhD training in Proteomics including interactome and PTMs analyses
- _Postdoctoral training in mouse embryonic stem cells and transcription/epigenetics
- _ Experience using Cross linking mass spectrometry

WORK EXPERIENCES

2019/11 to date Assegnista di ricercar di tipo B presso Università Degli Studi di Milano.
Epigenetics of embryonic stem cells Unit

Research activity Dissecting the structural composition of PRC1 through cross-linking mass spectrometry

Supervisor: Prof . Diego Pasini

2018/03 to date Postdoctoral researcher at Epigenetics of embryonic stem cells -European Institute of Oncology (IEO), Milan

Research activity

- Dissecting the function of multiple Polycomb group Complexes in establishing transcriptional identity
- Dissecting the structural composition of PRC1 through cross-linking mass-spectrometry
- Delighting the repressive role of H2AK119ub1 in mouse embryonic stem cells.

Supervisor: Prof . Diego Pasini

2017/01-2018/03 Postdoctoral researcher at Functional Proteomics - FIRG Molecular Oncology, Milan

Research activity Analysis of the SP140 function as a new potential SUMO E3 ligase

Supervisor: Prof . Angela Bachi

EDUCATION AND TRAINING

2013/01– 2016/12 PhD student in Cellular and Molecular Biology - Università Vita e Salute San Raffaele at Functional Proteomics - Institute FIRC Molecular Oncology, Milan

Research activity “Exploring the role of the leukocyte specific Sp140 protein as a new component of repressive chromatin”

Supervisor: Prof. Angela Bachi

2009/12-2011/12 Master’s degree *cum laude* in Pharmaceutical and Medical Biotechnology
Università degli studi di Firenze

Research activity “Optimization of the thioester synthesis of peptides of pharmaceutical interest ”.

Supervisor: Prof. Paolo Rovero “Università degli studi di Firenze” and Knud Jensen, Prof. at the “University of Copenhagen”.

2005/09-2009/12 Bachelor’s degree in medical biotechnology
Università degli studi di Firenze

Research activity "Sintesi di peptidi glicati per il riconoscimento di autoanticorpi in sieri di pazienti diabetici”.

Supervisor: Prof. Paolo Rovero,

PUBLICATIONS

1. Tamburri S. #, Lavarone E. #, Fernández-Pérez D., Conway E., Zanotti M., Manganaro D., Diego Pasini D.; Histone H2AK119 Mono-Ubiquitination Is Essential for Polycomb-Mediated Transcriptional Repression, *Molecular Cell* (2020). <https://doi.org/10.1016/j.molcel.2019.11.021>. Epub 2019 December 26.
2. Scelfo A.#, Fernández-Pérez D.#, Tamburri S.#, Zanotti M., Lavarone E., Soldi M., Bonaldi T., Ferrari KJ., Pasini D.; Functional Landscape of PCGF Proteins Reveals Both RING1A/B-Dependent-and RING1A/B-Independent-Specific Activities; *Molecular Cell* 2019 Jun 6;74(5):1037-1052.e7. doi: 10.1016/j.molcel.2019.04.002. Epub 2019 April 24.
3. Zucchelli C.#, Tamburri S.#, Filosa G., Ghitti M., Quilici G., Bachi A., Musco G.; Sp140 is a multi-SUMO-1 target and its PHD finger promotes SUMOylation of the adjacent Bromodomain; *Biochimica et Biophysica Acta (BBA) - General Subjects*; Volume 1863, Issue 2, February 2019, Pages 456-465. Epub 2018 Nov 19.
4. Zucchelli C., Tamburri S., Quilici G., Palagano E., Berardi A., Saare M., Peterson P., Bachi A. and Musco G.; Structure of human Sp140 PHD finger: an atypical folding interacting with Pin1; *FEBS Journal* 281 (2014) 216– 231

These authors contributed equally to this work.

ATTENDED MEETINGS and COURSES

2016 FEBS workshop on chromatin proteomics, Crete, Greece
2015 ABCD International Meeting, Bologna, Italy
2015 IFOM-IEO, Milan, Italy

Oral Presentation
Poster Presentation
Oral presentation

2014	European Summer School, Advanced proteomics, Brixen, Italy	Poster Presentation
2012	VII ItPA Annual Congress at the Tuscia University, Italy	Poster Presentatio

PERSONAL SKILLS AND COMPETENCES

Languages Italian (mother tongue)
English (proficient)

Technical skills Cell biology; Proteomics; Mass Spectrometry; Crosslinking Mass Spectrometry; Mouse Embryonic Stem Cells (mESC) handling; CRISPR/Cas9 Technology; Chromatin immunoprecipitation (ChIP); molecular biology; Confocal microscopy;

Computer skills Microsoft Office package; “UCSC Genome Browser” and “BLAST”; MaxQuant; Perseus;

Other interests Football; Music (Saxophone); History; Travels.

Data

09/04/2020

Luogo

Milano