

PERSONAL INFORMATION Ilaria Mariani

JOB APPLIED FOR Research activity in the biological, biotechnological, clinical and pharmacological fields.

WORK EXPERIENCE

November 2020-present **Study Coordinator at "S.C. Anestesia e Rianimazione", (Anaesthesia, resuscitation and intensive care) Fondazione IRCCS San Gerardo dei Tintori- Monza**

September 2020 **Formative period**

Formal training as Study Coordinator at "Centro di Ricerca di Fase 1", ASST Monza

April 2019-December 2019 **Research fellowship**

Research activity carried out at the "IRCCS Ospedale San Raffaele", Milan.

Member of the Functional Genomics of Cancer Unit, Experimental Oncology division.

October 2017-October 2018 **Apprentice**

Internship as a part of my Master degree course at the "Istituto Nazionale Genetica Molecolare" (INGM) "Romeo ed Enrica Invernizzi", Milan. This internship was carried out at the Molecular Histology and Cell Growth Unit (MHCG).

March 2016-May 2106 **Apprentice**

Internal internship as a part of my degree course at University laboratories. This activity was related to the fundamentals of Neurobiology.

EDUCATION AND TRAINING

September 2020 **Registered by the professional body in Section A**

Registration by the National Order of Biologists.

October 2016-October 2018 **Master's Degree**

M. Sc. in Biology applied to Biomedical Research (LM-6 class), at the "Università degli Studi di Milano" with final grade of 110/110 cum laude.

October 2013-October 2016 **Bachelor's Degree**

B. Sc. in Biology (L-13 class), at the "Università degli Studi di Milano" with final grade of 105/110.

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

Level certification B2 issued by British Council, Milan, IELTS certification

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

Communication skills

Good interpersonal and team working skills developed mainly during the aforementioned internship. Good communication and interpersonal skills in English. Oratory skills leading to scientific report exposition (seminar form).

Organisational / managerial skills

Good planning skills of experimental activities by a given due deadline.

Job-related skills

Molecular Biology: DNA and RNA extraction and quantification, reverse transcription, PCR, agarose gel electrophoresis, real-time qPCR, protein extraction and Western Blot, subcellular fractionation, Immunoprecipitation (IP) and Chromatin immunoprecipitation (ChIP). Basic knowledge of bacterial transformation and plasmid digestion by restriction enzymes. Analysis of DNA strand breaks by Comet assay.

Cell Biology: manipulation of mammalian cell culture, especially human immortalized cells. Cellular transfection, virus production and cellular infection. Theoretical and practical basis of immunofluorescence staining and confocal microscopy.

Proliferation rate and apoptosis analysis by flow cytometry (FACS).

Statistical data analysis and interpretation.

Knowledge and management of clinical trials, particularly carried out in the Intensive Care Unit (ICU).

ICH GCP E6 (R2) certificate.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Intermediate	Base	Base	Base	Base

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

Other skills

Good knowledge and usage of Office suite: Word, Excel, Power Point, and their Mac equivalent.

Driving licence

B

ADDITIONAL INFORMATION

Posters

Conference "8th Proteasome & Autophagy Congress", École universitaire de management, Clermont-Ferrand, France; participation through poster entitled:

"FAM46C is a novel tumour suppressor which controls MM cell survival by regulating proteostasis and autophagy at the cytoplasmic side of the ER."

Nicola Manfrini^{1*}, Marilena Mancino^{1*}, Ilaria Mariani², Deborah Salvi Mesa², Stefania Oliveto², Roberta Alfieri¹, Annarita Miluzio¹, Piera Calamita¹, Enrico Milan³, Chiara Salio⁴, Marco Sassoè-Pognetto⁴, Emilio Marengo⁵, Elia Ranzato⁵, Simona Martinotti⁵, Giovanni Tonon³ and Stefano Biffo^{1,2}

National Institute of Molecular Genetics "Romeo ed Enrica Invernizzi" - INGM, Milan, Italy; ² University of Milan, Milan, Italy; ³ San Raffaele Scientific Institute, Milan, Italy; ⁴ University of Turin, Turin, Italy; ⁵ University of Eastern Piedmont, Turin, Italy

* The two authors contributed equally to the work

Publications

Nicola Manfrini, Marilena Mancino, Annarita Miluzio, et al. (2020). **FAM46C and FNDC3A are multiple myeloma tumor suppressors that act in concert to impair clearing of protein aggregates and autophagy.** *Cancer Res* DOI: 10.1158/0008-5472.CAN-20-1357. (Acknowledgments)

E. Rezoagli, I. Mariani, R. Rona, G. Foti, G. Bellani (2021). **Difference between prolonged versus standard duration of prone position in COVID-19 patients: a retrospective study.** *Minerva Anestesiologica* DOI: 10.23736/S0375-9393.21.15864-X.

Workshop

Spazio e ricerca biomedica - 15/11/22, ASI (Agenzia Spaziale Italiana). Seminar relative to application of biomedical research to space matter.

Training course

GIMBE certificate training course: **"Clinical Trials: planning, conduction, analysis and reporting"** (May 2021)

Seminar

"Le scienze forensi al servizio delle istituzioni: approccio multidisciplinare e nuove opportunità metodologiche per l'investigazione scientifica – Ordine Nazionale dei Biologi - 21/09/2022. Seminar on forensic sciences.

Personal Data

I authorize the processing of personal data contained in my curriculum vitae according to art. 13 D. Decree 196/2003 and art. 13 GDPR 679/16.

Monza, 24/01/2024

