

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) ASST 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 Apprenticeship
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 Apprenticeship
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."

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* 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, 29/03/2023

