

PERSONAL
INFORMATION



Federico Mastroleo



fed.mastroleo@gmail.com



POSITION

M.D. – Degree with honour, University of Bari, BEMC Cours

EDUCATION AND
TRAINING

2013 – 2019

Student of Medicine and Surgery - BEMC - University of Bari

- Students' Representative for the first Year of the BEMC course
- Involved in the organization of many seminars and activities

2015

Intern - Service d'explorations fonctionnelles multidisciplinaires -
Université Pierre et Marie Curie, Paris

- Internship in the department of physiology (Hopital Tenon, Paris, France) with an activity both in the outday clinic and the lab.

2014

Intern - Project: "Role of mAbp1 for leukocyte recruitment"

- Intern in the research group of Prof. Barbara Walzog at LMU Munich, Germany about the "Role of mAbp1 for leukocyte recruitment".
- The aim of the work was to detect if the phosphatase slingshot is expressed in human polymorphonuclear neutrophils. For the project, I acquired a broad spectrum of methods in molecular biology, performed DNA and RNA isolation, PCR, molecular cloning and cell culture.

2012

Visiting Student at Ducati Motor Holding

- Visiting student during the Summer School "Fisica in Moto" (Physics on motorcycles) promoted by Ducati in partnership with MIUR. Course open only to 20 students from all over the Italy. Its aim is to study Physics in an experimental way with many applications to the Motorcycle systems.
- In this course I learnt to use the program "Stella" (Isee systems), a modelling and simulation software

2011

Elective Internship in the Laboratories of Environmental Physics -
University of Lecce

- Elective Internship for the study of the diseases linked to the Electromagnetic Pollution and to the elevated presence of Radeon in the environment.

2011 Elective Internship in the Laboratories of Nanotechnology - CNR,
University of Lecce

- Elective Internship for the study of bio-compatible nanomaterials for a project promoted by the Liceo Scientifico "G. C. Vanini" - Casarano - Lecce
- I learnt how to use laser techniques for the study of surfaces of nanomaterials

March 2011 Masterclass Hands on Particle Physics

- Masterclass promoted by the CERN of Geneva about the use and the interpretation of the data of the LHC (Large Hadron Collider)
- I learnt how to use software of particle physics analysis in particular Hypatia

2007 - 2012 Student of High School

At Liceo Scientifico "G. C. Vanini" - Casarano

- During those years I developed a wide knowledge in the scientific field, in particular in Physics, Mathematics and Biology. During my years there I was involved in some important activities: I helped to plan conferences, school and sport competitions, in my spare time I was testimonial during the incoming school guidance period. This last activity helped me develop speaking skills and my attitude to listen to and interact with other people

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	FCE Cambridge Certificate				
French	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills • Good communication skills gained through my experience as a student representative

Organisational / managerial skills • Team working - I spent many hours in laboratories interacting with professors and researchers
• Leadership - Currently students' representative for the first year of my Medicine and Surgery course
• Event manager - I took part in the organization of many scientific events and seminars

Job-related skills • Extensive experience in the use of computational methods applied to Physics, Biology and Medicine and Surgery
• Extensive experience in the use of laboratory related devices

Computer skills

- Very good command of Microsoft Office™ tools - Certified Advanced ECDL
- Matlab experienced user
- Stella user
- HTML, PHP, SQL, C, Arduino Developer Kit, complete knowledge
- Routing and Switching complete knowledge

Other skills

- BLSDB Certified rescuer

Driving licence

- B

ADDITIONAL
INFORMATION

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- Endlessly curious, natural problem solver, continuous learner intuitive and tenaciously persevering.

Bari, 03/05/2019