

PERSONAL INFORMATION **Erika Lutz**



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SUMMARY

- Biologist with 4 years' work experience at London Brunel University Institute of cancer, genetics and pharmacogenomics (2015), Vall' d'Hebron Institute of Oncology in Barcelona (2017), Hematology department of San Francesco Hospital in Nuoro (2017) Mater Olbia Hospital (2020).
- Master Degree in Medical, Sanitary and Veterinary biotechnology with the highest grade of 110/100 cum laude with honourable mention (2017). Currently at the 3<sup>rd</sup> year (out of 4) of Clinic biochemistry and Clinic pathology at Sassari University Specialization School.
- Focus on bacteria, molecular diagnostics, cancer research, rare pathologies, blood diseases, stem cells, autoimmune pathologies, genome editing.

WORK EXPERIENCE

- Jun.20- Feb.21 **Mater Olbia Hospital, Olbia – Italy**  
Biologist at Laboratory (focus on Covid-19 molecular diagnostics, serological tests, microbiology, clinical biochemistry)
- Oct.17- Jun.20 **Hematology Department, San Francesco Hospital, Nuoro - Italy**  
Research and Diagnostic (focus on blood tests, Chronic Lymphocytic Leukemia and Infectious diseases)
- Feb. -June17 **Vall d'Hebron Institute of Oncology, Barcelona - Spain**  
Myc inhibition through Omomyc in the therapy against Neuroblastoma
- Mar.-May 15 **Brunel Institute of Cancer Genetics and Pharmacogenomics, London – UK**  
The role of Myc-N gene in Neuroblastoma cancer

SCIENTIFIC PUBLICATIONS

- January 20 **25<sup>th</sup> Congress of the European Hematology Association**  
Co-author of EHA-3617 "Gene mutations analysis and new insights in chronic lymphocytic leukemia (CLL): preliminary results from a clinical research project based on next generation sequencing (NSG)"

EDUCATION AND TRAINING

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- 2018-current    4 years Residency Program specializing in "Clinic biochemistry and clinic pathology"  
Università degli Studi di Sassari, School of Specialization.
- July 2018        **Biology Licence**  
Licensed to the Biology profession
- 2015 – 2017     **Master Degree in Medical, Veterinary and Sanitary Biotechnology -**  
Università degli Studi di Sassari, 110/110 cum laude and honourable mention.
- 2012 – 2015     **Bachelor Degree in Biotechnology**  
Università degli Studi di Sassari.

COURSES

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- July 2018        Amplification of ERBB2 Gene in breast cancer with Fluorescent in-situ hybridization (FISH)
- Dec. 2018        Laboratory Management Course
- Nov. 2020        Personalised Prophylaxis in Haemophilia
- Jan. 2021        The role of laboratory medicine in the Covid-19 2.0 era
- Feb. 2021        Training contrast infections care related/focus SARS COV 2
- Jun. 2021        Specific training course – high risk for workers. Macro sector ATECO: 7 – HEALTH CARE

PERSONAL SKILLS

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Languages    Italian (mother tongue)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B1	B1	B1	B1	B1

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

**Soft skills** Flexibility, hard work, high motivation, striving for excellence, time management, team work, proactivity.

**Job-related skills**

PCR Analysis (Covid-19), Results validation, Serological (ELISA), Microorganisms detection and antibiogram, Full blood panel analysis, Urine analysis, Microscope at laboratory analysis, Cell culture techniques, Biological samples collection and analysis, Chromosome banding technique, Karyotype analysis, DNA extraction, PCR methods, ELISA method, FISH, Karyotype analysis, Cell culture, Western Blot method, MTS method, Flow cytometry method, Real-time PCR, Neuroblastoma Project, LLC Project.

AUTHORISE THE PROCESSING OF MY PERSONAL INFORMATION UNDER D-LGS. 19603

