

CURRICULUM VITAE of ELISA MENTEGARI, PhD

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Date of birth: 28/11/1991

EDUCATION AND TRAINING

- Jan 2019 - **PhD in Genetics, cellular and molecular Biology**. University of Pavia.
- Sept 2015 – **Master's degree cum laude in Molecular Biology and Genetics**. University of Pavia.
- Jul 2013 – **Bachelor's degree in Biology** (course of study: genetics and molecular biology). University of Pavia.
- Jul 2010 - **High school diploma**. Scientific high school N. Copernico (Pavia).

WORK EXPERIENCE

- FROM MAR 2020
Post doc. Winner of FIRC-AIRC three-year fellowship “Characterization of the role of DNA Polymerase Lambda in Alternative Lengthening of Telomeres”. Laboratory of DNA enzymology and molecular virology (IGM-CNR, Pavia), Dr. Crespan and Dr. Maga.
- MAR 2019 – FEB 2020
Post doc. AIRC project “Characterization of a novel alternative end-joining pathway conferring resistance to anticancer drugs”(Dr. Crespan). Laboratory of DNA enzymology and molecular virology (IGM-CNR, Pavia), Dr. Crespan and Dr. Maga.
- OCT 2015 – SEPT 2018
PhD student. Project “DNA damage tolerance by specialized DNA polymerases in humans and plants”. Laboratory of DNA enzymology and molecular virology, Dr. Crespan and Dr. Maga (IGM-CNR, Pavia) and laboratory of plant molecular biology, Dr. Cella (Department of Biology and Biotechnology L. Spallanzani, Pavia).
- SEPT 2013 - SEPT 2015
Master's degree student. Project “Ribonucleotide incorporation by human specialized DNA polymerases opposite 7,8-dihydro-8-oxoguanine (8-oxo-G) lesion”. Laboratory of DNA enzymology and molecular virology, Dr. Crespan and Dr. Maga (IGM-CNR, Pavia).
- NOV 2012 - JUL 2013
- **Bachelor's degree student**. Project “Electrophysiological analysis of sodium current in tsA-201 cells, after human Nav1.1 channel expression”. Laboratory of electrophysiology and biophysics of neuronal ionic channels, Dr. Toselli (Department of Biology and Biotechnology L. Spallanzani, Pavia).

CERTIFICATES

- Course of effective communication and public speaking – Nov 2019
- ABCD National Congress. Poster: “Characterization of a novel alternative end-joining pathway independent from DNA-PKcs.” Bologna – Sept 2019
- State examination in biology (191/200). Pavia – Dec 2018
- EMBO Workshop on enzymes, biocatalysis and chemical biology: the new frontiers. Poster: “Polymerases λ , β , η and RNase H2: a jump into TLS, incorporation and removal of ribonucleotides”. Pavia – Sept 2018
- “Percorso Formativo 24CFU” regarding anthropological/psyco-pedagogic areas and educational methodologies, Pavia – Jul 2018
- Training course in food hygiene and HACCP system – May 2018
- Trieste Next, scientific research festival – Sept 2017
- Participation at scientific events (e.g. “Porte Aperte IGM-CNR”, “Sharper – European night of researchers”)

COMPETENCES

- Molecular biology (including cloning, PCR, gel electrophoresis, WB)
- Cellular biology (including mammalian, plant and bacterial cell cultures and immunofluorescence techniques)
- Biochemistry (including recombinant protein expression and purification and set-up of *in vitro* assays)

- Informatics: Office package, Professional image editing programs (e.g. Photoshop, Fiji), Basic knowledge of R software and Graphpad Prism
- Languages: fluent English – C1, basic knowledge of French – A2

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16.