

Floriana Jessica

**DI PAOLA**

July 26<sup>th</sup> 1992

*Cell and Molecular Biologist*



## CONTACT



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## EDUCATION

**MASTER'S DEGREE in Molecular and Cellular Biology** // Oct 2014 - Mar 2017

**ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA**

Department of Pharmacy, Biotechnology and Sport Science - Bologna, Italy

Thesis: "Organization of respiratory chain complexes and supercomplexes in cells with defective complex III"

Score: 110/110 cum laude

**BACHELOR'S DEGREE in Biology** // Oct 2011 - Oct 2014

**UNIVERSITY OF CATANIA**

Thesis: "Neuroblastoma: gene deregulation and new therapeutic strategies"

Score: 110/110 cum laude



## SKILLS

- |                        |   |
|------------------------|---|
| ✓ <i>Cell cultures</i> | ✓ <i>Protein extracts analysis by SDS-Page and Western Blot</i> |
| ✓ <i>PCR</i>           | ✓ <i>Immunohistochemistry</i>                                   |
| ✓ <i>SRB assays</i>    | ✓ <i>Nucleic acids extraction and purification</i>              |

Genetics Laboratory, Department "M. La Greca" Via Androne, 81, 95124 - Catania, Italy

- ✓ *Morphological and functional study of mitochondrial respiratory chain supercomplexes by Blue-Native and Clear Native Page, SDS-Page, Western Blot, ATP-syntesis, ATP-levels.*
- ✓ *Enzymatic activity assays.*
- ✓ *Reactive Oxygen Species Production Measurements by fluorescent probes.*

Department of Cellular Biochemistry, School of Pharmacy, Biotechnology and Sport Science  
Via Selmi, 3, 40127 - Bologna, Italy

- ✓ *Cellular respiration essays through the use of Seahorse Extracellular Flux Analyzer*

Neurogenetics Laboratory – Bellaria hospital Via Altura, 3, 40139 - Bologna, Italy



## INTERNSHIP

**Cellular Biochemistry Laboratory**

**UNIVERSITY OF BOLOGNA**

Department of Pharmacy, Biotechnology and Sport Science  
Via Selmi 3, 40126- Bologna, Italy

**Molecular Genetics Laboratory**

**UNIVERSITY OF CATANIA**

Department of Animal Biology "M. La Greca"  
Via Androne, 81, 95124 - Catania, Italy