

EDUCATION

- **Master's degree at University of Camerino, Camerino (Italy)**
Biological sciences curriculum “Molecular Diagnostics and Biotechnologies”
October 2020 – February 2023
Final grade: 110/110 cum Laude
Thesis title: Implication of p27 in Radio-Resistance of T47D breast cancer cells
- **Bachelor's degree at University of Camerino, Camerino (Italy)**
Biology and biotechnology curriculum “Biotechnology”
October 2016 - May 2020
Final grade: 100/110
Thesis title: Role of Dicer in tRF3E processing and in cancer associated tRF3E reduction/dysregulation
- **Diploma at I.I.S.S. “Da Vinci - Majorana”, Mola di Bari (Italy)**
Curriculum “Sanitary Biotechnology”
September 2011 - July 2016

WORK EXPERIENCE

- **Family's farm**
August 2023 – Present
I am working at my family's agriculture farm, performing all the necessary tasks in the vineyard and olive grove throughout the seasons. I am assisting my father in managing the business too.
- **Erasmus+ traineeship post-laurea at VIB-KU Leuven Center for cancer biology, Leuven (Belgium)**
March 2023 – July 2023
I attended the cancer biology laboratory leads by Sarah Maria Fendt following the project named: Validation of GSTM in 4T1 shZDHHC17 spheroids.
- **Part-time collaboration at University of Camerino**
February 2021- December 2021
I worked at the administrative office of "School of Advanced Studies" (PhD office) organizing all teaching and administrative activities.

TECHNICAL SKILLS AND COMPETENCES

- **General biology**
 - Bacteria isolation
 - Antimicrobial activity test
 - Bacteria storage
- **Cell biology**
 - Cancer cells collection, maintenance and storage
 - 2D and 3D culture methods
 - Cell proliferation assays
 - Colony formation assays
 - Anchorage independent growth assay
 - Evasion assay in Matrigel
- **Molecular biology**
 - DNA, RNA and proteins extraction, purification and quantification
 - Electrophoresis (agarose and polyacrylamide)
 - Western blot
 - Real Time qPCR and RT PCR
 - Cellular transfection (plasmid DNA)
- **Biochemical assays**
 - Cytosolic ROS level in neutrophils
 - FACS for ROS and apoptosis levels
 - INF γ /GranzymeB ELISA kit
 - Immunohistochemistry and immunofluorescence assays
- **Animal manipulation**
 - Organs collection from mice
 - Mouse bone marrow MSC collection and culture
 - CD8⁺ T cells isolation from spleen
- **IT and bioinformatic tools**
 - Office (Word, Excel, PowerPoint)
 - Microsoft Windows
 - Google tools
 - Main telecommunication tools (Skype, zoom, Webex, etc)
 - ImageStudio
 - GraphPad
 - NCBI
 - ClastalW
 - Blast

PERSONAL SKILLS

- **LANGUAGES**
 - Italian: mother tongue
 - English: B2 (academic level)
- **COMMUNICATION SKILLS**
 - Oral presentation:
 - lab meetings
 - journal club
 - classroom presentations
 - defence of bachelor's and master's thesis
 - final presentation of the traineeship project
- **ORGANIZATIONAL/MANAGERIAL SKILLS**
 - Independent on experimental schedule and activities
 - Negotiate with retailers for my familiar business
- **SOFT SKILLS**
 - Teamwork: prone to collaboration with all the other members of the lab
 - Flexibility in terms of schedule, topics and changes
 - Punctual and duty-bound
 - Problem solving
 - Stress management
 - Curious: I enjoy delving into various topics (electronics, natural documentaries, gardening, sports, etc) to constantly improve my knowledges
- **OTHER PRACTICAL SKILLS**
 - **Driving license: B**
- **INTERESTS**
 - Agriculture:
 - The infection of the *Xylella* bacterium in olive trees in my region (Puglia) has sparked my interest in the topic of symbionts and vector control
 - To counteract the proliferation of mosquitoes inside our irrigation basins on my family's land, I introduced *Gambusia affinis*, a well-known species of freshwater fish that feeds on mosquito larvae
 - Constant update about latest technologies to improve quality and efficiency (attending seminars and trade shows)
 - Gaming
 - Sports
 - Nordic walking
 - Travels
 - Fishing

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 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali. Inoltre, dichiaro che quanto riportato nello stesso corrisponde a verità, ai sensi degli artt. 19 e 47 del D.P.R. n. 445/2000.

Data: 13/03/2024