

## Verena Damiani, PhD

Permanent Address: Via Ventignano 63/A, 65012, Cepagatti (PE), Italy

Mobile: +39 3283079331 E-mail: [verena.damiani@unich.it](mailto:verena.damiani@unich.it)

Date of Birth: 11.11.1989 - Place of Birth: Pescara, Italy

### PROFESSIONAL PROFILE

#### Technical expertise:

**Cellular Biology** primary and cancer cell lines culture, 3D cell culture, cell transfection, viruses production and cell infection, cell viability and proliferation assays, cell migration and invasion assays.

**Molecular Biology** DNA, RNA and miRNAs extraction, PCR, qRT-PCR analysis and miRNAs expression profile examination.

**Biochemistry** Total cell protein extraction, Tissue protein extraction, Western blotting, ELISA.

**Animal manipulation** Mouse colonies management, pups weaning, tail/ear PCR genotyping, organ removal, primary mouse cells isolation and culture, IPITT and IPGTT.

### WORK EXPERIENCE / SELECTION OF RELEVANT PROJECTS

#### PERIOD

#### University of Chieti-Pescara G. D'Annunzio, Postdoc

02/2019-present

- Effects of Bcl-2-Associated Athanogene 3 (BAG3) Knockout in Chemically Induced Gastrointestinal Tumors
- Role of BAG3 in glucose homeostasis: phatophysiological characterization of BAG3 knockout in Pancreatic Beta Cells

#### University of Chieti-Pescara G. D'Annunzio, Ph.D student

11/2015- 02/2019

- Targeted drug delivery system for cancer treatment
- Role of Bag3 in the tumor microenvironment

#### Gemib s.r.l. Parma, Graduate Internship

10/2014-11/2015

Biomedical research laboratory

#### University of Parma, Graduate Student

10/2012-10/2014

Uterine cervical cancer: study of miRNAs profile in clinical specimen showing HPV 16 positivity and precancerous lesions

#### University of Modena and Reggio Emilia, Undergraduate Student

09/2008-07/2012

Predictive role of quantitative HBsAg in hepatitis B virus infection

### EDUCATION

#### PERIOD

#### University of Chieti-Pescara G. D'annunzio, Chieti, Italy

02/2019

- **PhD in Biomolecular and Pharmaceutical Sciences**, 3 years course  
Supervisor Prof. Vincenzo De Laurenzi

#### University of Parma, Parma, Italy

12/2014

- **Professional Biologist Qualification**

#### University of Parma, Parma, Italy

10/2014

- **Master in Biology and Biomedical Applications**, 2 years course  
Final mark 110/110  
Supervisor Prof. Donatella Stilli/ Claudio Casoli

- **Bachelor in Biological Sciences**, 3 years course  
Final mark 108/110  
Supervisor Prof. Daniela Quaglino

## **ANALYTICS**

### **Knowledge of analytic tools:**

- Microsoft Office: Good knowledge of Excel, Power Point, Word
- Statistical tools: GraphPad Prism
- Databases: Good knowledge of biological databases and bioinformatics tools

## **LANGUAGES**

### **Knowledge of following languages:**

- Italian: Native
- English: Upper Intermediate
- German: Pre-Intermediate

## **PUBLICATIONS**

1. ABCC3 is a novel target for the treatment of pancreatic cancer. Adamska A, Ferro R, Lattanzio R, et al. Adv Biol Regul. 2019;73:100634.doi:10.1016/j.jbior.2019.04.004
2. Pharmacological inhibition of ABCC3 slows tumour progression in animal models of pancreatic cancer. Adamska A, Domenichini A, Capone E, et al. J Exp Clin Cancer Res. 2019;38(1):312. Published 2019 Aug 5. doi:10.1186/s13046-019-1308-7
3. Development of an anti-BAG3 humanized antibody for treatment of pancreatic cancer. Basile A, De Marco M, Festa M, et al Mol Oncol. 2019;13(6):1388–1399. doi:10.1002/1878-0261.12492
4. Combined effect of anti-BAG3 and anti-PD-1 treatment on macrophage infiltrate, CD8+ T cell number and tumor growth in pancreatic cancer. Iorio V., et al. Gut 2018 doi.org/10.1136/gutjnl-2017-314225
5. Therapeutic Efficacy of the Novel Stimuli-Sensitive Nono-Ferritins Containing Doxorubicin in a Head and Neck Cancer Model. Damiani V., et al. International Journal of Molecular Sciences 2017 doi.org/10.3390/ijms18071555

## **POSTER PRESENTATIONS**

- Damiani V., et al. Ferritin-engineered nanoparticles for pancreatic cancer targeted therapy – 25th Biennial Congress of the European Association for Cancer Research, Amsterdam, Netherlands, 30 June – 03 July 2018
- Consalvo A., Ronci M., Damiani V., et al. Proteomic profiling of fractionated head and neck cancer cell secretome capable of activating the immune response in vitro - Italian Proteomics Association XII Annual Conference, Lecce, Italy 12th-15th of June 2017