



**DOTTORATO DI RICERCA IN MEDICINA MOLECOLARE**  
Curriculum Vitae Valentina  
De Pascale

***Personal details***

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Date and place of birth: 26th September 1997,  
Salerno(Italy)  
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***WORK ADDRESS***

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Regina Elena National Cancer Institute, Via Elio Chianesi, 53, 00144 Roma RM

***SUPERVISOR:***

Dr. Giovanni Blandino, Dr. Gianluca Canettieri

***PREVIOUS RESEARCH EXPERIENCE***

- November 2022-*today* **Fellow researcher**  
Sapienza University of Rome, Italy  
PhD fellow in Molecular Medicine (at Regina Elena National Cancer Institute, Translational Oncology Research Unit)
- January 2022- November 2022 **Fellow researcher**  
Regina Elena National Cancer Institute, Rome, Italy  
Translational Oncology Research Unit  
Supervisor: Dr. Matteo Allegretti  
Research field: Nano-photon triage, label-free, for anti-SARS CoV2 serum antibodies dedicated to non-infectious hospital
- January 2021- October 2021 **Master Thesis Intern**  
University of Perugia, Department of Medicine and Surgery, Gastroenterology laboratory  
Supervisor: Prof. Stefano Fiorucci  
Study of the molecular mechanisms involved in the pathogenesis of liver disease, diseases of the metabolism. Study of nuclear receptors and development of new ones pharmacological approaches based on bile acid receptors.



## **CAREER:**

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- 2022-*nowadays* PhD School of Molecular Medicine  
Sapienza University of Rome, Italy  
Research field: Molecular analyzes of lymph nodes in HNSCC for purposes prognostic and therapeutic
  - 2019-2021 Master's Degree in Biology  
University of Perugia, Italy  
**110/110 cum laude**
  - 2016-2019 Bachelor's Degree in Biological Sciences  
University of Perugia, Italy  
**107/110**
  - 2011-2016 Leaving certificate  
High School "G.B. Vico", Nocera  
Inferiore SA, Italy
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## **SKILLS:**

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### ***Cellular biology techniques***

Blood sample processing, maintenance of cultured cells in suspension and in adherence, techniques of transfection; proliferation assays (MTT, ATPlite Luminescence), standard functional assays (Trypan blue, Live/Dead Cell assay), apoptosis (Annexin V staining)

Flow cytometry analysis and cell sorting

### ***Molecular biology techniques***

Serum/tissue DNA/RNA extraction, Real-Time and digital PCR, RNA extraction from cell culture, retro-transcription. Expression profile analysis of miRNAs and circ-RNAs.

Mutation detection and analysis of viral targets. conventional PCR. Protein extraction

### ***Microbiology techniques***

Bacterial transformation, plasmid DNA extraction.

### ***Biochemistry techniques***

Protein purification.



***IT SKILLS:***

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Basic knowledge of Microsoft Office (Word, Excel, PowerPoint)

Operating systems (Windows, Mac)

Web Browser (Chrome, Explorer, Safari, etc.)

Gmail, Outlook, Webmail

BLAST, UCSC Genome Browser, MiRBase, Mirwalk 3.0, FlowJo, Prism.

***LANGUAGES:***

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Italian Mother-tongue

English: B2

***OTHER RELEVANT INFORMATION***

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2020 – *nowadays*

Qualification to practice the profession of Biologist, 2021

2015

Driving license