

## • PERSONAL INFORMATION

Family name, First name: di Giacomo Viviana

Researcher unique identifiers:

- SCOPUS ID 7004024540

- ORCID: <https://orcid.org/0000-0003-3332-993X>

- Google Scholar: <https://scholar.google.com/citations?hl=it&user=klZwiuEAAAAJ>

Nationality: Italian

URL for website: <https://en.unich.it/ugov/person/1929>

## • EDUCATION

- 2013 Summer school in Cytometry: “Cell Functions”, Carlo Bo, University, Urbino, Italy.

- 2006 *Master’s degree* in Food Sciences cum laude, “G. d’Annunzio” University, Chieti-Pescara, (UdA), Italy.

2002 *Master’s degree* in “Clinical and Experimental Cytometry” at the “Carlo Bo” University, Urbino, Italy.

2000 *Degree* in Biological Sciences cum laude at the University of L’Aquila, Italy.

## • CURRENT POSITION(S)

- Since 2020 *Associate professor (SC 05/H1 SSD BIO/16)* – Human Anatomy, Department of Pharmacy, UdA, Italy.

## • PREVIOUS POSITIONS

- 2004-2020 *Researcher*, SSD BIO/16 – Human Anatomy, Department of Pharmacy, UdA.

- 2001- 2003 *Research fellow*, Department of Clinical Biochemistry, National Institute of Health, Rome, Italy.

## • FELLOWSHIPS AND AWARDS

- April 3<sup>rd</sup>, 2018 Entitlement to be Full Professor in Human Anatomy in the Italian Universities.

- 2014 *Honorable mention XXI Meeting* of university professor of dentistry, Rome, Italy.

- 2013 *Best Poster Presentation XXXI National Conference* in Cytometry, Lucca, Italy.

- 2003 *Scholarship* for flow cytometry analyses on the topic: “Study of the regulation of mast-cell differentiation in GAT-1<sup>low</sup> mutants”- UdA and ISS (National Institute of Health).

## • TEACHING ACTIVITIES

- Since 2021 *Professor* – New trends in pharmacology and chemistry of natural products, teaching module Experimental models for the biological evaluation of botanicals’ activity (8 hours/year) Universidade Federal Fluminense (UFF) Niteroi, RJ – Brasil and Universidad Nacional de Trujillo, UNT - Perú.

- Since 2021 *Professor* – Blood analyses; from laboratory methods to interpretation of the results, Department of Pharmacy, UdA, 8 hours/year.

- Since 2019 *Professor* – Human Anatomy, Department of Pharmacy, UdA, 92 hours/year.

- Since 2019 *Professor* – Human Anatomy, Department of Neurosciences, UdA, 30 hours/year.

- 2015 *Erasmus teacher* at the University of Seville, Spain.

- 2007 *Professor* Theoretical-practical course “Cytometry: a present technique for the biomedicine of the future”, CAST (former CeSI).

## • ORGANISATION OF SCIENTIFIC MEETINGS

- 2019 *Committee member* of the Scientific Advisory Board of the 27<sup>th</sup> assembly of Advanced Materials Congress (AMC), Stockholm, Sweden.

- 2014 *Member of the Organizing Committee* “10th European Course & 14th ESCCA Euroconference”, Lisboa, Portugal.

- 2004 *Member of the scientific secretary*, 58<sup>o</sup> Meeting of Italian Society of Anatomy, Chieti, Italy.

## • INSTITUTIONAL RESPONSIBILITIES

Member of the Faculty, then Department of Pharmacy, UdA.

- Since 2021 *Member* of the Erasmus Committee and representative of Erasmus agreements in Iceland, Malta and Poland, Department of Pharmacy, UdA, Italy.

- Since 2021 *Delegate* of the Chief of the Department of Pharmacy at Internationalization, UdA, Italy.

- Since 2019 *Delegate* of the Chief of the Department of Pharmacy at Anti-corruption and Transparency, UdA, Italy.

- Since 2019 *Member* of the Quality Assurance Board for TESTA, Department of Pharmacy, UdA, Italy.

- 2015-2018 *Researchers' Representative in the Academic Senate, UdA, Italy.*
- 2014-2017 *Researchers' Representative in the Council Board of the Department of Pharmacy, UdA, Italy.*
- 2014-2015 *Member of the Technical and Scientific Board- POS FESR Abruzzo 2007-2013.*
- 2007-2009 *Researchers' Representative in the Management Board of the "UdA, Italy.*

#### • REVIEWING ACTIVITIES

- Since 2021 *Reviewer and Editorial Board Member of Frontiers in Bioscience-Landmark; Academic and Topic Editor of Biomedicine; Guest associate Editor of the Frontiers group; Topic Editor of Biomolecules.*
- 2021 *Reviewer for joint project UNIFI-FCRFI.*
- Since 2016 *Member of the Editorial board of SciTz Stem Cells.*
- Since 2013 *Member of the Editorial board of Universal Journal of Materials Science.*
- *Peer Reviewer for: JCP, CDD, CLOI, General Physiology and Biophysics, ASCIIT, Current Molecular Medicine, Journal of Oral Health and Dental Care, Letters in Drug Design & Discovery, JSM Burns and Trauma, Toxicology, International Journal of Molecular Science (IJMS), Biomedical Engineering, Nutrients, Journal of Functional Biomaterials, Biomedicines, Biomolecules, Molecules, Drug Development Research, Frontiers In Bioscience – Landmark, TAAD (Toxicology and applied Pharmacology, Elsevier), BMS-LDDD.*

#### • MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- Since 2021 *Member of SIAI (Italian Society of Anatomy and Histology)*
- Since 2019 *Member of IAMM (International Association of Advances Materials)*

#### RESEARCH ACTIVITY

The research activity of Prof. V. di Giacomo is mainly aimed at the study of the molecular mechanisms at the bases of cellular response to biomaterials, antitumoral drugs, antioxidant and/or neuroprotective compounds. Cytotoxicity, apoptosis, cell cycle, cytokine production, proteic expression, molecular signaling, morphology, cell organelle modifications are some of many parameters that can be evaluated in different experimental models.

In particular, the current research of Prof. di Giacomo is focused on:

- Cold plasma therapeutical potential in regenerative medicine and cancer treatment
- Biological characterization of biomaterials
- Newly synthesized compounds and their effects on proliferation and osteogenic differentiation
- Cellular response to antioxidant/neuroprotective compounds in various in vitro systems
- Herbal extracts and natural active substances: neuroprotective properties and effects on cell proliferation
- Anti-tumoral potential of novel drugs in various cellular models.

#### RESEARCH PROJECTS

- Principal Investigator of 2014-Capitank: POS FESR Abruzzo 2007-2013 "Preclinical Validation of anti-TROP2 drugs for antitumoral therapy". CUP C78C14000110005.
- Participant in
  - BOOST2022 CUP D75F21003210001
  - PRIN2015 Prot: 2015B7M39T
  - FIRB2010 Prot. RBAP1095CR
  - PRIN2009 Prot. 2009FXT3WL\_002
  - PRIN2007 Prot. 2007LTN5PN\_002
  - PRIN2004 Prot. 2004052122\_004

Prof. V. di Giacomo is co-author of 62 publications in international journals surveyed by ISI Science Citation Index and 2 book chapters. She has attended more than 70 National and International Conferences.