

Dr Valentina D'Atri

Curriculum Vitae

1. PERSONAL INFORMATION



Name D'ATRI Valentina
Date of birth 28 October 1983
Nationality Italian
Marital status Married, 1 Child
Work address Université de Genève
Section des sciences pharmaceutiques
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Scopus ID: 57421927100
Web of Science Researcher ID: AAA-1748-2021
GoogleScholar = <https://bit.ly/2VTHCfu>

2. CURRENT INTERESTS AND RESEARCH AREAS

Research activities focus on the development of cutting-edge LC–MS analytical workflows for the detailed characterization of innovative therapeutic drugs such as biopharmaceutical proteins (monoclonal antibodies, antibody-drug conjugates, bi/tri-specific antibodies, Fc-fusion proteins), therapeutic oligonucleotides (ASO, siRNA), and viral vectors (AAV).

3. EDUCATION

- Mar 2010 – Apr 2013 **PhD in Biotechnological Sciences – Industrial and Molecular Biotechnologies**
"Synthesis and structural studies on DNA G-quadruplexes: from nucleic acid aptamers to higher order assemblies"
Promoter: Professor Gennaro Piccialli, defended 15/04/2013
Faculty of Biotechnological Sciences, University of Naples Federico II, Italy.
- Mar 2008 – Oct 2009 **MSc in Pharmaceutical Biotechnologies**
First class with Honours (110/110 magna cum laude).
Faculty of Biotechnological Sciences, University of Naples Federico II, Italy.
- Sep 2002 – Mar 2008 **BSc in Biotechnological Sciences for Health**
First class (97/110).
Faculty of Biotechnological Sciences, University of Naples Federico II, Italy.

4. COMPLEMENTARY EDUCATION AND TRAINING

- Sep 2016 Summer School on Pharmaceutical Analysis (SSPA), Rimini, Italy.
Jul 2015 Mediterranean Sea Region Countries Mass Spectrometry (MEDMS) Workshop, Athens, Greece.
Oct 2013 Workshop on Ion Mobility Spectrometry, Bordeaux, France.
Sep 2013 Mobilité Ionique et MS. Action Nationale de Formation du CNRS, La Chapelle d'Abondance, France.
Sep 2012 AMBER Workshop. National Service for Computational Chemistry Software, Imperial College, London, UK.
Nov 2010 Qualification to practice the profession of Biologist (II session 2010), University of Benevento, Italy. [State examination for the qualification to practice the professions regulated by the Italian Decree of the President of the Republic (D.P.R.) 328/2001]

5. EMPLOYMENT HISTORY

- Jul 2020 - present **Research and Teaching Fellow (Maître Assistante)**
Analytical Sciences, Institute of Pharmaceutical Sciences of Western Switzerland, University of Geneva. Geneva, Switzerland.
- Feb 2016 - Jun 2020 **Postdoctoral Researcher**
Analytical Sciences, School of Pharmacy, University of Geneva. Geneva, Switzerland.
- Jul 2013 – Dec 2015 **Postdoctoral Researcher**
Institut Européen de Chimie et Biologie (IECB), INSERM, Bordeaux, France.
- Nov 2011 – Oct 2012 **Visiting Research Associate**
Centre of Cancer Research and Cell Biology (CCRCB), School of Medicine, Dentistry & Biomedical Sciences, Queen's University Belfast. Belfast, UK.
- Mar 2010 – Apr 2013 **PhD student**
Faculty of Biotechnological Sciences, University of Naples Federico II, Naples, Italy.

6. LIST OF RESEARCH GRANTS

May 2021 – Jun 2024 **Role: Co-PI**
Research Collaboration with industrial partner. Funding allocated by Bayer (Leverkusen, Germany). **Funding obtained: 180 kEUR**

Nov 2011 – Dec 2011 **Short Term Scientific Mission (STSM n. 9146)**
COST Action MP0802 to finance 2-months stay as Visiting Research Associate at the CCRCB, Queen's University Belfast, UK. **Funding obtained: 2.3 kEUR**

7. SUPERVISION OF JUNIOR RESEARCHERS

Feb 2018 - present Supervision of 5 Master students and co-supervision of 4 PhD students

8. TEACHING ACTIVITIES

June 2023 **Invited Lecturer** for Master students enrolled at the Master ECAIF (Esperto di Chimica Analitica per l'Industria Farmaceutica) of the University of Pavia, Italy.

Sep 2020 **Invited Lecturer** for "La chimie analytique au service de la santé", Master of Advanced Studies (MAS) in Hospital Pharmacy, University of Geneva, Switzerland.

Jan 2019 **Invited Lecturer** for last year engineering students. Institut de Chimie et de Biologie des Membranes et des Nano-objets (CBMN) of the École nationale supérieure de technologie des biomolécules de Bordeaux (ENSTBB), France.

Sep 2016 – present **Teaching assistant for practical works** – Chimie Analytique Pharmaceutique Bachelor in Pharmacy. Faculty of Pharmaceutical Sciences, University of Geneva.

Feb 2016 – Jun 2018 **Teaching assistant for practical works** – Analyses Biologiques Médicales Bachelor in Pharmacy. Faculty of Pharmaceutical Sciences, University of Geneva.

Mar 2010 – Apr 2013 **Teaching assistant** – Chemistry of Natural Organic Compounds. Master in Pharmacy. Faculty of Pharmacy, University of Naples Federico II.

9. ACTIVE MEMBERSHIPS IN SCIENTIFIC SOCIETIES

2016 – present Member, Association Francophone des Sciences Séparatives (AFSEP, France).

2016 – present Member, Centre de Compétences en Chimie et Toxicologie Analytiques (ccCTA, Switzerland).

2018 – present Honorary member, Society for BioChromatography and Nanoseparations (SBCN, France).

10. SPECIAL ISSUE EDITING

2023 **V. D'Atri, C. Temporini** (Guest Editors).

Biopharmaceutical analysis: trends and perspectives on biosimilar products. Journal of Pharmaceutical and Biomedical Analysis. <https://shorturl.at/ptN69>

2023 **V. D'Atri, J. De Vos** (Guest Editors).

Advances in Biopharmaceutical Analysis. LCGC Europe Supplement, Issue December 2023, Vol 36, s10.

11. OUTREACH ACTIVITIES

2022 *Rising Stars of Separation Science: Valentina D'Atri*

Magazine interview for *The Column*, May 2022. *The Column*, 2022, 18, 17–22.

<https://www.chromatographyonline.com/view/rising-stars-of-separation-science-valentina-d-atr>

2017 *The Heightened Role of HILIC in Biopharmaceutical Analysis*

Magazine interview for *The Column*, July 2017

<https://www.chromatographyonline.com/view/heightened-role-hilic-biopharmaceutical-analysis>

12. BIBLIOMETRIC INDICATORS

h-index: 25 – Citation number > 1690 (Scopus database consulted in December 2023)

h-index: 27 – Citation number > 2080 (Google Scholar database consulted in December 2023)

57 Publications in peer-reviewed scientific journals

3 Book chapters

24 Delivered talks at international conferences (3 as invited speaker)

16 Invited Lectures/Talks/Seminars

47 Co-authored talks at international meetings

18 Posters at international meetings

12 Awards and distinctions