

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



PERSONAL INFORMATION

Name **BURATTA SANDRA**
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Nationality **Italian**

Date of Birth **22 June 1967**

Gender **Female**

WORK EXPERIENCE

- Dates (from - to) 1 November 2007-present
• Name and address of the employer Università degli Studi di Perugia- Dipartimento di Chimica, Biologia e Biotecnologie
• Occupation or position held Researcher, SC 05/E1 Biochimica generale – SSD BIO/10
• Main activities and responsibilities
 - Research activity focused on lipid metabolism, lipidomic and extracellular vesicles
 - Teaching activity in Biochemistry

- Dates (from - to) 1 December 2002- 30 November 2004
• Name and address of the employer Università degli Studi di Perugia- Dipartimento di Medicina Interna
• Occupation or position held Post-Doc Fello “Assegnista di Ricerca”
• Main activities and responsibilities Trasmissione sinaptica mediata da mGluR e metabolismo della fosfatidilserina: una possibile relazione a livello molecolare

- Dates (from - to) 1 December 2004- 30 November 2006
• Name and address of the employer Università degli Studi di Perugia- Dipartimento di Medicina Interna
• Occupation or position held Post-Doc Fello “Assegnista di Ricerca”
• Main activities and responsibilities Trasmissione sinaptica mediata da mGluR e metabolismo della fosfatidilserina: una possibile relazione a livello molecolare

EDUCATION AND TRAINING

- Dates (from - to) November 2002
• Name and type of organisation providing education and training Specialization in “Clinical Pathology”, Università di Perugia. Final marks: 50/50 e lode.

• Dates (from - to)	1 June 1998
• Name and type of organisation providing education and training	PhD in "Biochemical Sciences", Università di Perugia
• Title of qualification awarded	6 March 1992 Degree in Biological Sciences, Università di Perugia. Final marks: 110/110 e lode.

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	ITALIAN
OTHER LANGUAGES	
	ENGLISH
• Reading	GOOD
• Writing	GOOD
• Speaking	GOOD
SOCIAL SKILLS AND COMPETENCES.	Orientation activities for high school students for the Biotechnology course, Dipartimento di Chimica, Biologia e Biotecnologie

ADDITIONAL INFORMATION **Abroad Experience (2010-present)**

7 May-13 May 2022 Staff Mobility for Training (Erasmus + Programme), University di Gothenburg (Sweden), laboratory directed by Prof. Carina Mallard (Institute of Neuroscience and Physiology Department of Physiology)

25 August-9 September 2019 Staff Mobility for Training (Erasmus + Programme), University di Gothenburg (Sweden), laboratory directed by Prof. Carina Mallard (Institute of Neuroscience and Physiology Department of Physiology)

August-October 2018 Visiting Researcher at the laboratory of Prof. H Arai, Graduate School of Pharmaceutical Sciences, University of Tokyo, (Japan) (*Grant from Manpei Suzuki Diabetes Foundation for foreign researchers, 2017*)

July 2017 Visiting Researcher at the laboratory of Prof. H Arai, Graduate School of Pharmaceutical Sciences, University of Tokyo, (Japan)

July-August 2016 Visiting Researcher at the laboratory of Prof. H Arai, Graduate School of Pharmaceutical Sciences, University of Tokyo, (Japan)

Research activity

The main aims of the research activity are in the field of lipidology methods, lipid metabolism related-enzymes, lysosomal enzymes and vesicular trafficking. Recently, the research activity has been focused on the lipidomic analysis of extracellular vesicles released by different cell types and/or biological fluids under different physio-pathological conditions.

Scientific Societies

2022-present Member of Italian Society of Biochemistry and Molecular Biology (SIB)

2018-present Member of International Society of Extracellular Vesicles (ISEV)

2019-present Member of Società Italiana delle Vescicole Extracellulari (EVITA)

2010-2018 Member of European Society for Neurochemistry (ESN)

Teaching activity (2010-present)

2019-present Co-teaching activity for the course of Biochemistry, 1st level Degree in Chemistry, Dipartimento di Chimica, Biologia e Biotecnologie, Università di Perugia

2019-present Professor for the course of Biochemistry of Cell Communication, for the 1st Level Degree in Biotechnology, Dipartimento di Chimica, Biologia e Biotecnologie, Università degli Studi di Perugia

2013-2018 Professor for the course of Proteomics and Metabolomics, for the 1st level Degree in Biotechnology, Dipartimento di Chimica, Biologia e Biotecnologie, Università degli Studi di Perugia

2011-2013 Professor of for the course Biochemistry, Degree in Medicine and Surgery, Università degli Studi di Perugia.

Editorial Activity**Guest Editor of Special Issues:**

1. **“Extracellular Vesicles and Nucleic Acids in Health and Disease”** for Cells, MDPI, ISSN 2073-4409, IF 7.666
2. **“Nucleic Acids within Extracellular Vesicles: Functional Role in Health and Disease”** for Genes, MDPI, ISSN 2073-4425, IF 3.759

Editorial Board

2015-2019 Neurochemical Research (Elsevier, ISSN 1432-1106)

Editorial Referee

International Journal of Molecular Sciences (MDPI, ISSN 1422-0067); Scientific Reports (ISSN 2045-2322); Cells (MDPI, ISSN 2073-4409); Cancers (MDPI, ISSN 2072-6694); J of Occupational and Environmental Medicine (Walters Kluwer-ISSN 1076-2752); Frontiers Physiology (Frontiers-ISSN 1664-042X); Molecules (MDPI-ISSN 1420-3049).

Dott.ssa Buratta is author of 61 publications in peer-reviewed journals, accounting for an H-index of 20 (Scopus)

PERUGIA, 29 Settembre 2025

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