

CURRICULUM VITAE

CAROLINA GAUDENZI

Dichiarazione resa ai sensi degli artt. 46 e 47 DPR N. 445/2000

Personal Information

Name	Gaudenzi Carolina
E-mail	carolina.gaudenzi@unibs.it
Nationality	Italian
Date of Birth	27/05/1996
Birthplace	Esine (BS)

Educational Background

Date (from - to)	2023 - Ongoing
Name and type of organization	University of Brescia, Department of Molecular and Translational Medicine
Activity	Specialty Course in Clinical Pathology and Clinical Biochemistry
Date (from - to)	2023 - Ongoing
Name and type of organization	University of Brescia, Department of Molecular and Translational Medicine, Experimental Oncology and Immunology
Activity	Post-doctoral fellow. Research activity: Exogenous miRNAs as novel promoters of DC-NK crosstalk in antitumor cytotoxicity. Supervisor: Prof. Daniela Bosisio
Date (from - to)	January 2024 – July 2024
Name and type of organization	Goethe University Hospital (Frankfurt, Germany), Department of Experimental Immunology and Cell Therapy
Activity	Visiting Researcher (Supported by Fondazione Guido Berlucci, <i>Young Researchers Mobility Grant</i>). Research activity: Regulation of antitumor innate immune cell activation by miR203 in lung cancer. Supervisor: Prof. Evelyn Ullrich
Date (from - to)	2020 - 2023
Name and type of organization	University of Brescia, Department of Molecular and Translational Medicine, Experimental Oncology and Immunology
Title of qualification awarded	PhD in Precision Medicine
Activity	PhD Project: Study of miRNAs upregulated in rheumatoid arthritis as activators of dendritic cells through TLR8 triggering. Supervisor: Prof. Annalisa Del Prete
Date (from - to)	2018 - 2020
Name and type of organization	University of Brescia, Department of Molecular and Translational Medicine
Title of qualification awarded	Master's degree in medical biotechnology (110L/110)
Activity	Traineeship Project: Study of synonym mutations occurring in different tyrosine kinase domains. Application of the software Mutation Aligner. Supervisor: Prof. Stefania Mitola

Research Activity

Researcher Profile	SCOPUS ID: 57280987800 ORCID ID: 0000-0003-1731-8747 RESEARCHER ID: KBB-4509-2024
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Publications	Total number of publications on scientific journals: 7
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- SARS-CoV-2-associated ssRNAs activate inflammation and immunity via TLR7/8.
Salvi V, Nguyen HO, Sozio F, Schioppa T, **Gaudenzi C**, Laffranchi M, Scapini P, Passari M, Barbazza I, Tiberio L, Tamassia N, Garlanda C, Del Prete A, Cassatella MA, Mantovani A, Sozzani S, Bosisio D. JCI Insight. 2021 Sep 22;6(18): e150542. doi: 10.1172/jci.insight.150542.PMID: 34375313. IF: 8.0
- The PDE4 Inhibitor Tanimilast Restrains the Tissue-Damaging Properties of Human Neutrophils.
Schioppa T, Nguyen HO, Salvi V, Maugeri N, Facchinetti F, Villetti G, Civelli M, **Gaudenzi C**, Passari M, Sozio F, Barbazza I, Tamassia N, Cassatella MA, Del Prete A, Bosisio D, Tiberio L. Int J Mol Sci. 2022 Apr 29;23(9):4982. doi: 10.3390/ijms23094982.PMID: 35563373. IF: 5.6
- The PDE4 Inhibitor Tanimilast Blunts Proinflammatory Dendritic Cell Activation by SARS-CoV-2 ssRNAs.
Nguyen HO, Schioppa T, Tiberio L, Facchinetti F, Villetti G, Civelli M, Del Prete A, Sozio F, **Gaudenzi C**, Passari M, Barbazza I, Sozzani S, Salvi V, Bosisio D. Front Immunol. 2022 Jan 24; 12:797390. doi: 10.3389/fimmu.2021.797390. eCollection 2021.PMID: 35140709. IF: 7.3
- Novel potential oncogenic and druggable mutations of FGFRs recur in the kinase domain across cancer types.
Grillo E, Ravelli C, Corsini M, **Gaudenzi C**, Zammataro L, Mitola S. Biochim Biophys Acta Mol Basis Dis. 2022 Feb 1; 1868(2):166313. doi: 10.1016/j.bbdis.2021.166313. Epub 2021 Nov 23. PMID: 34826586. IF: 6.2
- The PDE4 inhibitor tanimilast shows distinct immunomodulatory properties associated with a type 2 endotype and CD141 upregulation.
Nguyen HO, Salv V, Tiberio L, Facchinetti F, Govoni M, Villetti G, Civelli M, Barbazza I, **Gaudenzi C**, Passari M, Schioppa T, Sozio F, Del Prete A, Sozzani S, Bosisio D. J Transl Med. 2022 May 10; 20(1):203. doi: 10.1186/s12967-022-03402-x.PMID: 35538539 IF: 7.4
- Inhibition of Class I Histone Deacetylase Activity Blocks the Induction of TNFAIP3 Both Directly and Indirectly via the Suppression of Endogenous TNF- α .
Schioppa T, Nguyen HO, Tiberio L, Sozio F, **Gaudenzi C**, Passari M, Del Prete A, Bosisio D, Salvi V. Int J Mol Sci. 2022 Aug 28; 23(17):9752. doi: 10.3390/ijms23179752.PMID: 36077149. IF: 5.6
- Extracellular microRNAs induce dendritic cell-dependent joint inflammation and potentiate osteoclast differentiation via TLR7/8 engagement.
Gaudenzi C, Schioppa T, Passari M, Zucchi G, Tiberio L, Vahidi Y, Scutera S, Musso T, Sozzani S, Del Prete A, Salvi V, Bosisio D. J Autoimmun. 2024 Mar 4;145:103189. doi: 10.1016/j.jaut.2024.103189.PMID: 38442677. IF: 12.8

Number of citations: 89

Congress Oral Communications

- Selected for oral presentation at INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, organized by the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), L'Aquila, 15-17th September 2022. Title: "Extracellular miRNAs deregulated in rheumatoid arthritis activate human dendritic cells via TLR8 triggering".
- Selected for oral presentation at XIV NATIONAL CONGRESS SIICA 2023, Verona, 22-25th May 2023. Title: "Extracellular miRNAs deregulated in rheumatoid arthritis activate dendritic cells via TLR8 triggering".

Scientific Society affiliations

2022 - Ongoing: Corresponding Member of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA)

Grants for scientific activity

- 08/08/2022 - Winner of the Travel Grant offered by the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA) for the participation at the "INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY", L'Aquila, 15-17th September 2022.
- 11/07/2023 - Selected for "YOUNG RESEARCHERS MOBILITY GRANT 2023" funded by Fondazione Guido Berlucchi. Project title: "Regulation of anti-tumor innate immune cell activation by miR203 in lung cancer". Amount of funding: 7500 euro, covering travel costs and living allowance. Mobility Period from 8/1/2024 to 8/7/2024.

The undersigned declares that she is informed, pursuant to legislative Decree No. 196/2003, that the personal data collected will be processed, including by computer, exclusively within the scope of the procedure for which this declaration is made.

Brescia, 3/5/2024

Carolina Gaudenzi