

Name: Luigi Cari

ORCID: 0000-0003-0698-3872

Scopus Author ID: 56579316800

ResearcherID: P-4428-2019

My primary research seeks to enhance treatment strategies, particularly with immune modulators, within the framework of precision medicine while also identifying new and potential pharmacological targets.

My work aims to understand the roles played by genes crucial for activating/inhibiting T lymphocytes during immune and inflammatory responses. Currently, I am engaged in understanding the pivotal role of regulatory T lymphocytes in human tumors and autoimmune diseases. This entails an exploration of how the activation of specific Treg markers influences both their activity and quantity. Additionally, my efforts extend to advancing the phenotypical characterization and quantification of tumor-infiltrating lymphocytes.

Moreover, in response to the COVID-19 pandemic, my research focus has broadened to include the study of anti-COVID vaccines and the comprehensive analysis of associated adverse events.

Education:

- 2017: **Ph.D. in Medical Biotechnology, SSD: BIO/14,**
Department of Medicine, Section of Pharmacology, University of Perugia
Final degree mark: Excellent *cum laude*
- 2014: **Master's degree in Biotechnological Sciences Medical, Veterinary, and Forensic (LM-9),**
University of Perugia
Final degree mark: 110 (out of 110) *cum laude*

Research experience:

- 2019-2024: **Research Fellow,**
Project "EDONIS - Endocrine disruptors: investigation of the effects on the immune and nervous systems", funded by the PRIN 2017 Research grant and Project "Toward a green toxicology: new approach methodologies to screen chemical-induced immunotoxicity - GREENTOX", funded by the PRIN 2022 Research grant,
Department of Medicine and Surgery, Section of Pharmacology, University of Perugia
- 2018-2019: **Postdoctoral Researcher,**
Department of Medicine, Section of Pharmacology, University of Perugia
- 2014-2017: **Ph.D. student in Medical Biotechnology, SSD: BIO/14,**
Department of Medicine, Section of Pharmacology, University of Perugia
- 2010-2014: **1st degree and master's degree internships,**
Department of Medicine, Section of Pharmacology, University of Perugia

Teaching experience:

- 2024-in course: **National Scientific qualification as Associate Professor** in the Italian higher education system for the disciplinary field of 05/G1 (G.S.D. 2024 05/BIOS-11) - **Pharmacology, clinical pharmacology and pharmacognosy.** The validity of the qualification starts on 24/06/2024 and will expire on 24/06/2035.
- 2024-in course: Course "Transcriptomics data mining-practice" for Ph.D. students (1CFU)
- 2021-2023: Course "Transcriptomics data mining" for Ph.D. students (2CFU) in co-ownership with Professor Giuseppe Nocentini
- 2019-in course: Member of the graduate commission of degree "Medicine and Surgery"
- 2018-in course: "Cultore della materia" for Pharmacology course of degree "Medicine and Surgery"
- 2016-in course: Supervision and tutoring, during the thesis period, of more than 35 students of degrees "Medicine and Surgery" and "Medical Biotechnology"
- 2016-in course: Exam committee member for the Pharmacology exam of degree "Medicine and Surgery"

Technical skills:

Molecular biology:	DNA and RNA extraction; cloning; subcloning (expression vectors); primer design and testing; various PCR methods (RT-PCR, NESTED PCR, EMI-NESTED PCR, RT-qPCR); pathway-focused gene expression profiling using RT-qPCR; CHIP assay; telomerase activity (TeloTAGGG Telomerase PCR ELISA)
Flow Cytometry:	Cellular characterization by cell surface and intracellular markers (up to 13 parameters at the same time), sample preparation, data acquisition, and analysis; cell cycle analysis (using PI, DAPI, and KI67); proliferation analysis (using CFSE and Cell-Violet) and apoptosis analysis (using PI); telomeric length (flow-FISH); multidimensional analysis (use of dimensionality reduction algorithms, t-SNE, Fit-SNE, UMAP, TriMap)
Cell Culture:	Culturing immortalized mammalian cell lines; transient transfection of cells using lipofectamine-based method and electroporation; stable transfection; primary cell cultures (human PBMC and T lymphocytes); isolation of cell population by cell sorting (MACS); induction of various signaling pathways by treatment of cells with cytokines and antibodies; proliferation analysis
Protein Assays:	Protein expression analysis by SDS/PAGE-Western Blot; ELISA assays (commercial and homemade); protein-protein interaction analysis by co-immunoprecipitation/western blot assays in transfected and native cells; production and purification of recombinant proteins expressed in bacteria or eukaryotic cells; production and affinity purification of antibodies by hybridomas; telomerase activity assay
Microscopy:	Preparation of samples for immunofluorescence (up to 6 markers at the same time), in-situ proximity ligation assay (duolink) and FISH (PNA-FISH); acquisition and elaboration of data from optical (brightfield and phase contrast) and fluorescence (epifluorescence, semi-confocal, and confocal) microscopes
Bioinformatics Skills:	Use of a large number of bioinformatics online databases and tools (conventional and AI-based) (e.g. NCBI, PUBMED, UCSC, Ensembl, Homim, HUGO, Array Express, ExPasy, EudraVigilance, GEPIA2, UCSC Xena, and many others). Characterization of genes promoter by matinspector suite. Use of GraphPad Prism 9, GPower 3.1, JMP 13, FlowJo V.10.7, DataAssist v3.01, Icy, ChemBioDraw Ultra 14.0, Adobe Illustrator CS5, AxioVision Rel.4.8, ZEN (black edition), NIS-Elements, FCS Express, SnapGene, CLC Sequence Viewer 7, Adobe Photoshop CS4 and CS6, Chipster, T.A.C., GSEA 4.3.1, Cytoscape, and Genevestigator v3. Analysis omics data (microarray, RNA-seq, Single cell RNA-seq, spatial transcriptomics, spatial proteomics, and metabolomics), from public databases or generated in-house.

Languages: Native Italian - Scientific English

Supplemental certification:

- European Computer Driving License (ECDL Core)
- Course: "Corretto approccio all'attività di sperimentazione animale"
- Course: "Advanced Experimental and Computational Approaches to Biotechnology"
- Course: "Corso Web Marketing e scrivere per il web" for scientific dissemination
- Course: "Training EVOS M5000 Imaging System"

Society affiliations:

2017-in course: Member of "European Academy of Allergy and Clinical Immunology" (EAACI)
from 2021 – **Core Group Member** of Taskforce on "AllergoOncology in the Era of Personalized, Stratified and Precision medicine" - STRATALLON
from 2021 – **Core Group Member** of Taskforce on "Macrophage role in Allergy and Cancer: Novel therapeutic opportunities" - MACTOOL
from 2020 – member of "AllergoOncology" working group
from 2017 – member of Taskforce on "Immunopharmacology" - TIPCO

2014-in course: Member of "Italian Society of Pharmacology" (SIF)
from 2021 – member of "Immunopharmacology" working group
from 2019 – member of "Cancer Pharmacology" working group - CPWG-SIF
from 2016 – member of "Inflammation" working group

Awards:

2021: "Premio SIF-FARMINDUSTRIA per ricerche Farmacologiche" sponsored by *Farmindustria* and *Italian Society of Pharmacology* (SIF)
2021: Best oral communication prize at 40° National Congress of the *Italian Society of Pharmacology* (SIF)
2018: Best scientific contribution prize at 32° National Congress of the *Italian Society of Geriatrics Hospital and Territory* (SIGOT)
2017: Best poster prize at 38° National Congress of the *Italian Society of Pharmacology* (SIF)
2015: Best poster prize at 37° National Congress of the *Italian Society of Pharmacology* (SIF)

Other:

2024-in course: **Editorial board member** of "SCIENTIFIC REPORTS - Nature Publishing Group" section "Drug Discovery"
2022-in course: **Editorial board member** of "SIF MAGAZINE", the outreach magazine of the Italian Society of Pharmacology (SIF)
2024-in course: **Guest Associate Editor** of "FRONTIERS IN IMMUNOLOGY" section "Cancer Immunity and Immunotherapy" for the research topic "Immune Cell Therapy Approaches Targeting Tumor Microenvironment"
2023-2024: **Guest Associate Editor** of "FRONTIERS IN IMMUNOLOGY" section "Cancer Immunity and Immunotherapy" for the research topic "Targeting Regulatory Cells in Cancer: Old and New Approaches in Immunotherapy"
2024-in course: **Reviewer Editorial board member** of "FRONTIERS IN MOLECULAR BIOSCIENCES" section "Molecular Diagnostics and Therapeutics"
2020-in course: **Reviewer Editorial board member** of "FRONTIERS IN IMMUNOLOGY" section "Inflammation"
2015-in course: **Journal Referee** for over 15 indexed journals with impact factors, including *Nature Communications*, *Scientific Reports*, *Frontiers in Immunology*, *Frontiers in Molecular Biosciences*, *BMC Medical Genomics*, *International Journal of Immunopathology and Pharmacology*, *Tissue Engineering*, and *Immunity, Inflammation, and Disease*

Scientific publications:

Total IF (IF2023): **317.3**

Total citations by Scopus: **712** (H index **15**)

Scientific articles:

- Di Giorgio C., Urbani G., Marchianò S., Biagioli M., Bordoni M., Bellini R., Massa C., Lachi G., CARI L., Morretta E., Monti M.G., Zampella A., Distrutti E., Banales J.M., Lapitz A., Milkiewicz P., Milkiewicz M., Fiorucci S. (2024) - Liver GPBAR1 associates with immune dysfunction in primary sclerosing cholangitis attenuating cholestasis in Abcb4^{-/-} mice – LIVER INTERNATIONAL – accepted IF2023: **6.0 – Q1**
- Buoso E., Masi M., Limosani R.V., Fagiani F., Oliviero C., Colombo G., CARI L., Gentili M., Rosati L., Pasini A., Lenti M.V., Di Sabatino A., Mobbs C.L., Przyborski S., Ronchetti S., Travelli C., Racchi M. (2024) - Disruption of epithelial barrier integrity via altered GILZ/c-Rel/RACK1 signaling in inflammatory bowel disease – JOURNAL OF CROHN'S AND COLITIS – accepted IF2023: **8.3 – Q1**

- Biagioli M., Di Giorgio C., Massa C., Marchianò S., Bellini R., Bordoni M., Urbani G., Roselli R., Lachi G., Morretta E., Dal Piaz F., Charlier B., Fiorillo B., Catalanotti B., CARI L., Nocentini G., Ricci P., Distrutti E., Sepe V., Zampella A., Monti M.C., Fiorucci S. (2024) - Microbial-derived bile acid reverses inflammation in IBD via GPBAR1 agonism and ROR γ t inverse agonism – BIOMEDICINE & PHARMACOTHERAPY, Dec 9:181:117731, doi: 10.1016/j.biopha.2024.117731 **IF2023: 6.9 – Q1**
- Boccardi V., CARI L., Alhosseini M.N., Bastiani P., Scamosci M., Cecchetti R., Mancinetti F., Caironi G., Aprea G., Nocentini G., Mecocci P. (2024) - Immunonutrition in acute geriatric care: clinical outcomes, inflammatory profiles, and immune responses – NUTRIENTS, doi: 10.3390/nu16234211 **IF2023: 4.8 – Q1**
- Gentili M., Sabbatini s., Nunzi E., Lusenti E., CARI L., Mencacci A., Ballet N., Migliorati G., Riccardi C., Ronchetti S., Monari C. (2024) - GILZ protein and Yeast Extracted Compound Alleviate Colitis and Reduce Fungal Dysbiosis – BIOMOLECULES, Oct 17;14(10):1321, doi: 10.3390/biom14101321 **IF2023: 4.8 – Q1**
- CARI L., Sorrentino R., Akkaya B., Nocentini G. (2024) - Editorial: Targeting Regulatory Cells in Cancer: Old and New Approaches in Immunotherapy – FRONTIERS IN IMMUNOLOGY, Jul 16:15:1458280, doi: 10.3389/fimmu.2024.1458280 **IF2023: 5.7 – Q1**
- Boccardi V.*, CARI L.*, Bastiani P., Scamosci M., Cecchetti R., Nocentini G., Mecocci P. (2024) - Aberrant telomeric structures and serum markers of telomere dysfunction in aging: a preliminary study – BIOGERONTOLOGY, Nov;25(6):1069-1077, doi: 10.1007/s10522-024-10120-y *joint first author **IF2023: 4.4 – Q1**
- Alhosseini M.N., Ebadi P., Karimi M.H., Migliorati G., CARI L., Nocentini G., Soleimanian S. (2024) - Therapy with regulatory T-cell infusion in autoimmune diseases and organ transplantation: A review of the strengths and limitations – TRANSPLANT IMMUNOLOGY, Aug;85:102069, doi: 10.1016/j.trim.2024.102069 **IF2023: 1.6 – Q3**
- Leoncini G., CARI L., Ronchetti S., Donato F., Caruso L., Calafà C., Villanacci V. (2024) - Mucin expression profiles in Ulcerative Colitis. New insights on the histological mucosal healing - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Feb 3;25(3):1858, doi: 10.3390/ijms25031858 **IF2023: 4.9 – Q1**
- Turner M.C.; Radzikowska U.; Ferastraoaru D.E.; Pascal M.; Wesseling P.; McCraw A.; Backes C.; Bax J.H.; Bergmann C.; Bianchini R.; CARI L.; De Las Vecilla L.; Izquierdo E.; Lind-Holm Mogensen F.; Michelucci A.; Nazarov P.; Niclou S.P.; Nocentini G.; Ollert M.; Preusser M.; Rohr-Udilova N.; Scafidi A.; Toth R.; Weller M.; Jappe U.; Escribese M.M.; Jensen-Jarolim E.; Karagiannis S.N.; Poli A. (2024) - AllergoOncology: Biomarkers and Refined Classification for Research in the Allergy and Glioma Nexus - a Joint EAACI-EANO Position Paper - ALLERGY, Jun;79(6):1419-1439, doi: 10.1111/all.15994 **IF2023: 12.6 – Q1**
- Roth-Walter F., Adcock I.M., Benito-Villalvilla C., Bianchini R., Bjermer L., Caramori G., CARI L., Chung K.F., Diamant Z., Eguiluz-Gracia I., Knol E.F., Jesenak M., Levi-Schaffer F., Nocentini G., O'Mahony L., Palomares O., Redegeld F., Sokolowska M., Van Esch B., Stellato C. (2024) - Metabolic pathways in immune senescence and inflammaging: novel therapeutic strategy for chronic inflammatory lung diseases An EAACI Position Paper from the Task Force for ImmunoPharmacology (TIPCO) - ALLERGY, May;79(5):1089-1122 doi: 10.1111/all.15977 **IF2023: 12.6 – Q1**
- Di Giorgio C., Bellini R., Lupia A., Massa C., Urbani G., Bordoni M., Marchianò S., Rosselli R., De Gregorio R., Rapacciuolo P., Sepe V., Morretta E., Monti M.C., Moraca F., CARI L., Rana K., Ullah S., Natalizi N., Graziosi L., Distrutti E., Biagioli M., Catalanotti B., Donini A., Zampella A., Fiorucci S. (2024) - The Leukemia Inhibitory Factor Regulates Fibroblast Growth Factor Receptor 4 Transcription in In Gastric Cancer – CELLULAR ONCOLOGY, Apr;47(2):695-710, doi: 10.1007/s13402-023-00893-8 **IF2023: 4.9 – Q1**
- Marchianò S., Biagioli M., Bordoni M., Morretta E., Di Giorgio C., Vellecco V., Roselli R., Bellini R., Massa C., CARI L., Urbani G., Ricci P., Monti M.C., Giordano A., Brancaleone V., Bucci M., Zampella A., Distrutti E., Cieri E., Cirino G., Fiorucci S. (2023) - Defective bile acid signaling promotes vascular dysfunction supporting a role for GPBAR1/FXR agonism and statins in the treatment of NAFLD - JOURNAL OF THE AMERICAN HEART ASSOCIATION, Dec 5;12(23):e031241, doi: 10.1161/JAHA.123.031241 **IF2023: 5.0 – Q1**

- Maddalon A. *, CARI L. *, Iulini M., Alhosseini M.N., Galbiati V., Marinovich M., Nocentini G., Corsini E. (2023) - Impact of endocrine disruptors on peripheral blood mononuclear cells: role of gender - ARCHIVES OF TOXICOLOGY, Dec;97(12):3129-3150, doi: 10.1007/s00204-023-03592-3 *joint first author **IF2023: 4.8 – Q1**
- CARI L., Alhosseini M.N., Mencacci A., Migliorati G., Nocentini G. (2023) - Differences in the expression levels of SARS-CoV-2 spike protein in cells treated with mRNA-based COVID-19 vaccines: A study on vaccines from the real world - VACCINES, Apr 21;11(4):879, doi:10.3390/vaccines11040879 **IF2023: 5.2 – Q1**
- Paladini A., Cochetti G., Felici G., Russo M., Saqer E., CARI L., Bordini S., Mearini E. (2023) - Complications of Extraperitoneal Robot-Assisted Radical Prostatectomy in High-Risk Prostate Cancer: Single High-Volume Center Experience - FRONTIERS IN SURGERY, 10:2023, doi: 10.3389/fsurg.2023.1157528 **IF2023: 1.6 – Q2**
- Alhosseini M.N., Palazzo M., CARI L., Migliorati G., Ronchetti S., Nocentini G. (2023) - Overexpression of potential markers of regulatory and exhausted CD8+ T cells in the peripheral blood mononuclear cells of patients with B-acute lymphoblastic leukemia - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 24(5):4526, doi: 10.3390/ijms24054526 **IF2023: 4.9 – Q1**
- CARI L., Rosati L., Leoncini G., Lusenti E., Gentili M., Nocentini G., Riccardi C., Migliorati G., and Ronchetti S. (2023) - GILZ cooperates with MUC2 and Toll-like receptors in the regulation of human intestinal barrier functions - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 24(3),2235, doi: 10.3390/ijms24032235 **IF2023: 4.9 – Q1**
- CARI L., Alhosseini M.N., Bergamo A., Pacor S., Pierno S., Sava G., Nocentini G. (2022) - Thrombotic events with or without thrombocytopenia in recipients of adenovirus-based COVID-19 vaccines – FRONTIERS IN CARDIOVASCULAR MEDICINE, 9:967926, doi: 10.3389/fcvm.2022.967926 **IF2023: 2.8 – Q2**
- Cochetti G., CARI L., Maulà V., Cagnani R., Paladini A., Del Zingaro M., Nocentini G., Mearini E. (2022) - Validation in an independent cohort of miR-122, miR-1271, and miR-15b as urinary biomarkers for the potential early diagnosis of clear cell Renal Cell Carcinoma – CANCERS, 14(5),1112, doi: 10.3390/cancers14051112 **IF2023: 4.5 – Q1**
- Cochetti G., De Vermendois J.A.R., Maulà V., CARI L., Cagnani R., Suvieri C., Balducci P.M., Paladini A., Del Zingaro M., Nocentini G., Mearini E. (2022) - Diagnostic performance of the Bladder EpiCheck™ methylation test and photodynamic diagnosis-guided cystoscopy in the surveillance of high-risk non-muscle invasive bladder cancer: A single centre, prospective, blinded clinical trial – UROLOGIC ONCOLOGY: SEMINARS AND ORIGINAL INVESTIGATIONS – Mar;40(3):105.e11-105.e18, doi: 10.1016/j.urolonc.2021.11.001 **IF2023: 2.4 – Q2**
- CARI L., Alhosseini M.N., Fiore P., Pierno S., Pacor S., Bergamo A., Sava G., Nocentini G. (2021) - Cardiovascular, neurological and pulmonary events following BNT162b2, ChAdOx1 nCoV-19, and Ad26.COV2.S vaccine: an analysis of European data – JOURNAL OF AUTOIMMUNITY – Volume 125, Dec2021 e102742, doi: 10.1016/j.jaut.2021.102742 **IF2023: 7.9 – Q1**
- CARI L., Fiore P., Alhosseini M.N., Sava G., Nocentini G. (2021) - Blood clots and bleeding events following BNT162b2 and ChAdOx1 nCoV-19 vaccine: an analysis of European data - JOURNAL OF AUTOIMMUNITY, Volume 122, Aug2021 e102685, doi: 10.1016/j.jaut.2021.102685 **IF2023: 7.9 – Q1**
- Lisi L., CARI L., Sorrentino R., Mini E., Fimognari C., Nocentini G. (2021) - Immune modulation of cancer: mechanisms and resistance – PHARMADVANCES, Volume 3, issue 3, 2021:479-95, doi: 10.36118/pharmadvances.2021.07 **IF2023: N.A. – N.A.**
- Roth-Walter F., Adcock I.M., Benito-Villalvilla C., Bianchini R., Bjermer L., Boyman O., Caramori G., CARI L., Chung K.F., Diamant Z., Eguluz-Gracia I., Knol E., Kolios A., Levi-Schaffer F., Nocentini G., Palomares O., Redegeld F., Van Esch B., Stellato C. (2021) - Immune modulation via T regulatory cell enhancement: disease-modifying therapies for autoimmunity and their potential for chronic allergic and inflammatory diseases – An EAACI position paper of the Task Force on Immunopharmacology (TIPCO) - ALLERGY, Jan;76(1):90-113, doi: 10.1111/all.14478 **IF2023: 12.6 – Q1**

- Cochetti G., CARI L., Nocentini G., Maulà V., Suvieri C., Cagnani R., De Vermandois J.A.R., Mearini E. (2020) - Detection of urinary miRNAs for diagnosis of clear cell renal cell carcinoma – SCIENTIFIC REPORTS, Dec 4;10(1):21290, doi: 10.1038/s41598-020-77774-9 **IF2023: 3.8 – Q1**
- CARI L.*, Montanucci P.*, Basta G., Petrillo M.G., Ricci E., Pescara T., Shimizu J., Migliorati G., Nocentini G., Calafiore R., Riccardi C. (2020) - Microencapsulated G3C hybridoma cell graft delays the onset of spontaneous diabetes in NOD mice by expansion of GITR⁺ Treg - DIABETES, 69(5):965-980 doi: 10.2337/db19-0087 *joint first author **IF2023: 6.2 – Q1**
- CARI L., De Rosa F., Petrillo M.G., Migliorati G., Nocentini G., Riccardi C. (2019) - Identification of 15 T-cell restricted genes evaluates T-cell infiltration of human healthy tissues and cancers and shows prognostic and predictive potential - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 20(20),5242 doi: 10.3390/ijms20205242 **IF2023: 4.9 – Q1**
- Zucchi A., Costantini E., Scropo F.I., Silvani M., Kopa Z., Illiano E., Petrillo M.G., CARI L., Nocentini G. (2019) - The first-generation phosphodiesterase 5 inhibitors and their pharmacokinetic issue - ANDROLOGY, 7:804–817 doi: 10.1111/andr.12683 **IF2023: 3.2 – Q1**
- Nocentini G., CARI L., Riccardi C. (2019) - Novel immune targets in melanoma - Letter - CLINICAL CANCER RESEARCH, 25(17), 5422 doi: 10.1158/1078-0432.CCR-19-1140 **IF2023: 10.0 – Q1**
- Montanucci P., CARI L., Basta G., Pescara T., Riccardi C., Nocentini G., Calafiore R. (2019) - Engineered alginate microcapsules for molecular therapy through biologic secreting cells - TISSUE ENGINEERING, PART C: METHODS, 25(5):296-304 doi: 10.1089/ten.TEC.2018.0329 **IF2023: 2.7 – Q3**
- CARI L., De Rosa F., Nocentini G., Riccardi C. (2019) - Context-dependent effect of glucocorticoids on the proliferation, differentiation, and apoptosis of regulatory T cells: A review of the empirical evidence and clinical applications - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 20(5),1142 doi: 10.3390/ijms20051142 **IF2023: 4.9 – Q1**
- Boccardi V., Arosio B., CARI L., Bastiani P., Scamosci M., Casati M., Ferri E., Bertagnoli L., Ciccone S., Rossi P.D., Nocentini G., Mecocci P. (2019) - Beta-carotene, telomerase activity and Alzheimer's disease in old age subjects - EUROPEAN JOURNAL OF NUTRITION, Feb;59(1):119-126 doi: 10.1007/s00394-019-01892-y **IF2023: 4.1– Q2**
- Boccardi V.*, CARI L.*, Nocentini G., Riccardi C., Cecchetti R., Ruggiero C., Paolisso G., Herbig U., Mecocci P. (2018) - Telomeres Increasingly Develop Aberrant Structures in Aging Humans - JOURNALS OF GERONTOLOGY: SERIES A, Jan 20;75(2):230-235 doi: 10.1093/gerona/gly257 *joint first author **IF2023: 4.3 – Q1**
- Roth-Walter F., Adcock I.M., Benito Villavilla C., Bianchini R., Bjermer L., Caramori G., CARI L., Chung K.F., Diamant Z., Eguluz-Gracia I., Knol E., Kolios A., Levi-Schaffer F., Nocentini G., Palomares O., Puzos P.G., Redegeld F., Van Esch B., Stellato C. (2018) - Comparing biologicals and small molecule drug therapies for chronic respiratory diseases: An EAACI Taskforce on Immunopharmacology position paper - ALLERGY, 2019;1–17 doi: 10.1111/all.13642 **IF2023: 12.6 – Q1**
- Ayroldi E., Petrillo M.G., Marchetti M.C., Cannarile L., Ronchetti S., Ricci E., CARI L., Avenia N., Moretti S., Puxeddu E., Riccardi C. (2018) - Long glucocorticoid-induced leucine zipper regulates human thyroid cancer cell proliferation - CELL DEATH AND DISEASE, Feb 21;9(3):305 doi:10.1038/s41419-018-0346-y **IF2023: 8.1 – Q1**
- CARI L., Nocentini G., Migliorati G., Riccardi C. (2017) - Potential effect of tumor-specific Treg-targeted antibodies in the treatment of human cancers: A bioinformatics analysis - ONCOIMMUNOLOGY, Nov 9;7(2):e1387705 doi:10.1080/2162402X.2017.1387705 **IF2023: 6.5 – Q1**
- Ricci E., Ronchetti S., Pericolini E., Gabrielli E., CARI L., Gentili M., Roselletti E., Migliorati G., Vecchiarelli A., Riccardi C. (2017) - Role of the glucocorticoid-induced leucine zipper gene in Dexamethasone-induced inhibition of mouse neutrophil migration via control of Annexin A1 expression - THE FASEB JOURNAL, pp: fj.201601315R doi: 10.1096/FJ.201601315R **IF2023: 4.4 – Q1**

- Nocentini G., CARI L., Migliorati G., Riccardi C. (2017) - The role of GITR single-positive cells in immune homeostasis - IMMUNITY, INFLAMMATION AND DISEASE, vol. 5, p. 4-6, ISSN: 2050-4527, doi: 10.1002/iid3.148 **IF2023: 3.1 – Q3**
- Nocentini G., CARI L., Ronchetti S., Riccardi C. (2016) - Modulation of tumor immunity: a patent evaluation of WO2015026684A1 - EXPERT OPINION ON THERAPEUTIC PATENTS, vol. 26, p. 417-425, ISSN: 1354-3776, doi: 10.1517/13543776.2016.1118061 **IF2023: 5.4 – Q1**
- CARI L.*, Ricci E.*, Gentili M., Petrillo M.G., Ayroldi E., Ronchetti S., Nocentini G., Riccardi C. (2015) - A focused Real Time PCR strategy to determine GILZ expression in mouse tissues - RESULTS IN IMMUNOLOGY, vol. 5; p. 37-42, ISSN: 2211-2839, doi: 10.1016/j.rinim.2015.10.003 *joint first author **IF2023: N.A. – N.A.**
- Ronchetti S., Ricci E., Petrillo M.G., CARI L., Migliorati G., Nocentini G., Riccardi C. (2015) - Glucocorticoid-Induced Tumour Necrosis Factor Receptor-Related Protein: A Key Marker of Functional Regulatory T Cells - JOURNAL OF IMMUNOLOGY RESEARCH, vol. 2015; p. 171520-, ISSN: 2314-8861, doi: 10.1155/2015/171520 **IF2023: 3.5 – Q2**
- Petrillo M.G., Fettucciari K., Montuschi P., Ronchetti S., CARI L., Migliorati G., Mazzon E., Bereshchenko O., Bruscoli S., Nocentini G., Riccardi C. (2014) - Transcriptional regulation of kinases downstream of the T cell receptor: another immunomodulatory mechanism of glucocorticoids - BMC PHARMACOLOGY & TOXICOLOGY, vol. 15; p. 35-35, ISSN: 2050-6511, doi: 10.1186/2050-6511-15-35 **IF2023: 2.8 – Q2**

Scientific abstracts:

- Biagioli M., Di Giorgio C., Massa C., Marchianò S., Bellini R., Bordoni M., Urbani G., Lachi G., Ullah Khan R.S., Monti M.C., Morretta E., Fiorillo B., Catalanotti B., CARI L., Nocentini G., Ricci P., Distrutti E., Zampella A., Fiorucci S. (2024) – 913 - The bile acids metabolites produced by the intestinal microbiota act as GPBAR1 agonist and ROR γ t inverse agonist determining the course of inflammatory bowel disease – GASTROENTEROLOGY, 166(5) S222, doi: 10.1016/S0016-5085(24)00998-3 **IF2023: 25.7 – Q1**
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- CARI L., Leoncini G., Gentili M., Rosati L., Nocentini G., Villanacci V., Migliorati G., Riccardi C., Ronchetti S. (2023) – P0255 - Human glucocorticoid-induced leucine zipper is involved in mucosal barrier dysfunction in IBD - BRITISH JOURNAL OF PHARMACOLOGY, 180(s1), 1181-1182 doi: 10.1111/bph.16113 **IF2023: 6.8 – Q1**
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- CARI L., Nocentini G., Maulà V., De Rosa F., Cagnani R., De Vermendois J.R., Paladini A., Mearini E. (2019) - SC-341 - Evaluation of potential targets for ADCC induction against regulatory T cells in Renal Cell Carcinoma - EUROPEAN UROLOGY SUPPLEMENTS, 18(9), e3358 doi: 10.1016/S1569-9056(19)33821-7 **IF2021: 10.4 – Q1**
- Maulà V., Cochetti G., De Vermendois J.R., CARI L., Suvieri C., Panciarola M., Marsico M., Ciarletti S., Nocentini G., Mearini E. (2019) - SC342 - Detection of the microRNAs miR-1271 in the urine of patients with clear cell Renal Cell Carcinoma (ccRCC) - EUROPEAN UROLOGY SUPPLEMENTS, 18(9), e3358-e3359 doi: 10.1016/S1569-9056(19)33822-9 **IF2021: 10.4 – Q1**

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- CARI L., Pagano E. (2024) - Nuove terapie per il Morbo di Crohn: dai monoclonali alle cellule staminali - Contribution for *SIF MAGAZINE*, the online outreach magazine of the *Italian Society of Pharmacology* (SIF)
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- CARI L., Rosati L., Procaccini M., Ronchetti S., Riccardi C., Migliorati G., Nocentini G. (2024) - SECTM1 as a novel ligand of human GITR: a new tool for immunomodulation - Oral Communication on 42th national congress of Italian Society of Pharmacology, Sorrento, Italy
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- CARI L., Alhosseini M.N., Migliorati G., Nocentini G. (2022) - In vitro spike protein production of SARS-CoV-2 mRNA vaccines in the real-world setting: efficacy and safety implications - Oral Communication on 41th national congress of Italian Society of Pharmacology, Rome, Italy
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- CARI L., De Rosa F., Migliorati G., Nocentini G., Riccardi C., (2019) - A New bioinformatic tool in the precision medicine perspective: preliminary evidence of its prognostic and predictive value - Smart Communication on 39th national congress of *Italian Society of Pharmacology*, Firenze, Italy

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- Boccardi V., Arosio B., CARI L., Casati M., Ferri E., Gussago C., Scamosci M., Bastiani P., Cesari M., Dionigi Rossi P., Mecocci P. (2018) - Serum β -carotene levels, Alzheimer's disease risk and peripheral telomerase activity in old age subjects - Oral Communication on 32th national congress of *Italian Society of Geriatrics Hospital and Territory (SIGOT)*, Roma, Italy
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Il sottoscritto CARI LUGI dichiara che tutti i fatti riportati nel presente curriculum corrispondono a verità ai sensi e per gli effetti degli artt. 46 e 47 del D.P.R. 445/2000.

Il sottoscritto dichiara di essere a conoscenza delle sanzioni penali cui incorre in caso di dichiarazione mendace o contenente dati non più rispondenti a verità, come previsto dall'art. 76 del D.P.R. 28.12.2000, n. 445.

Il sottoscritto dichiara di essere a conoscenza dell'art. 75 del D.P.R. 28.12.2000, n. 445, relativo alla decadenza dai benefici eventualmente conseguenti al provvedimento emanato, qualora l'Amministrazione, a seguito di controllo, riscontri la non veridicità del contenuto della suddetta dichiarazione.

Si allega a tale scopo copia del documento di identità in corso di validità.

Perugia,
21-12-2024

Lugi Cari
