CURRICULUM VITAE
Lorenzo Mortara, PhD
Associate Professor

(Open Researcher and Contributor ID, ORCID: 0000-0002-4757-7101)

Personal Information: Telephone: 0332-39.76.10
Mobile: 340.17.07.298
Fax 0332-39.55.97
E-mail: lorenzo.mortara@uninsubria.it; mortaralorenzo@gmail.com; lorenzomortara@yahoo.it
Immunology and General Pathology Laboratory – Department of Biotechnology and Life Sciences (DBSV) – University of INSUBRIA
Monte Generoso street #71, 21100 VARESE, IT

Citizenship: Italian

Place and date of birth: Genova, Italy, 31/12/1968

URL for web site: https://www.uninsubria.it/hpp/lorenzo.mortara

Education:

05/1999	Ph.D. Immunology, University of Paris 7, Paris, France (with honors)
07/1997	Specialization in Allergology and Clinical Immunology, University of Medicine, Genova, Italy (50/50 with honors)
1994	Qualifying examination for Professional Biologist (Esame di Stato)
04/1993 to 04/1994	Training Biologist for Professional Activity, Genova, Italy
03/1993	Laurea degree in Biological Sciences (108/110), University of Science, Genova, Italy

Awards

04/2002	European Doctor in Biotechnology, from Higher Education in Biotechnology (HEduBT), Supervisor Prof. Franco Celada*
05/1999	Prize Roche, XXVIIth National Conference of Italian Society of Immunology (SI), Udine, Italy, June 16-18, 1999

11/1997 Prize Associazione Nazionale per la Lotta contro l'AIDS (ANLAIDS), XVth National Congress of Italian Society of Immunology and Immunopathology, Genova, Italy

*Bryce CF, Aghion J, Bos P, Celada F, Griffin M, Hull R. European doctorate in Biotechnology: Added value for european academia and industry. ***Biochem Mol Biol Educ***. ***2004***, Sep;32(5):352-7. PMID: 21706754.

Dr Mortara has published 90 articles from 1995.
From Scopus Last Mortara's h-index: 30; Mortara's total impact factor: 492.540. Mortara's citations: 3,528.

Qualified for Full Professor in General and Clinical Pathology, from 09/09/2019 to 09/09/2029
Abilitazione Scientifica Nazionale (ASN), Bando D.D. 1532/2016, Settore Concorsuale 06/A2 – Patologia Generale e Patologia Clinica per Prof. Ordinario – (art. 16, comma 1, Legge 240/10).

Qualified for Associate Professor in Applied Biology, from 04/04/2017 to 04/04/2023
Abilitazione Scientifica Nazionale (ASN), Bando D.D. 1532/2016, Settore Concorsuale 05/F1 – Biologia Applicata per Prof. Associato – (art. 16, comma 1, Legge 240/10).

Contract holder for a Junior Research Felloship for 12 months (2023-2024)
Subject: Research activity contract pursuant to article no. 22 of the law no. 240 of 30 December 2010, at University of Insubria, Department of Biotechnology and Life Sciences, for a post-Doc in Mortara's Laboratory. Research title: **"Assessment of anti-cancer therapy using immunocytokines and immune checkpoint inhibitors combined with oncosuppressor RNASET2 in immunocompetent mouse models"**.

Holder of a **MIUR National Fund for Basic Research (FFABR) 2017 (Researcher).**

Collaborator in National and International Projects
2023-2025: 20225AZ22F MIUR PRIN: (LuCamiR) Development of a microRNA-based test for the screening of lung cancer. Component collaborator of the Paola Campomenosi's Unit.
Department of Biotechnology and Life Sciences (2-years), Univ. Insubria, Varese. Scientific coordinator: Prof. Michela Alessandra Denti, University of Trento.
2019-2022: 2017NTK4HY_001 MIUR PRIN: RNASET2 as new player in the modulation of the innate immune system in cancer and autoimmunity: potential diagnostic and therapeutic implications.
Department of Biotechnology and Life Sciences (3-years). Scientific coordinator: Prof. D.M. Noonan. Department of Biotechnology and Life Sciences, Univ. Insubria, Varese.
2010-2011: 2009XZEPR_004 MIUR PRIN: Genes and molecules of the immunity of invertebrates. Structure, function, evolutionary precursors and transferability into applied research. Department of Biotechnology and Life Sciences (3-years). Scientific coordinator: Prof. L. Ballarin, Scientific manager: Prof. M.A. De Eguileor, 1-2-2013/1-2-2016. Department of Biotechnology and Life Sciences, Univ. Insubria, Varese.

2008-2010: 2008WXF7KK MIUR PRIN: New strategies of vaccination and immunotherapy against tumors based on the optimal stimulation of CD4+ T helper cells. Department of Clinical and Biological Sciences (2-years).
2008-2011: 2008-2230 Cariplo Foundation Project 2008: Cellular and molecular basis of retrovirus human diseases: new immunological and biochemist approaches in order to prevent infection and retrovirus replication, relevant for innovative preventive therapeutic strategies. Department of Clinical and Biological Sciences (3-years).

Head Researcher for Italian FAR University Funds

(2023-2025 Mortara), (2022-2024 Mortara), (2021-2023 Mortara), (2020-2022 Mortara), (2019-2021 Mortara), (2018-2020 Mortara), (2017-2019 Mortara), (2016-2018 Mortara), (2014-2015 Mortara-Noonan), (2010-2012 Mortara), (2008-2010 Mortara), (2007-2009 Mortara).

Teaching staff of Doctorate in Experimental and Translational Medicine, University of Insubria, since 2021-to date.

Update of Animal Facility License: Qualification as Project Manager with use of laboratory animals (2023 - to date).

Collaboration with the **International Federation of Medical Students' Association (IFMSA) Research Exchange Project** (www.ifmsa.org) since 2023. Expected arrival Indian medical student May 2023 with one-month internship. Research Project Title: **"Phenotype and functional characterization of blood natural killer cells in prostate cancer patients"**.

Dr. Mortara obtained his Biological Sciences degree at University of Genoa in 1993, were he also obtained the qualifying examination for Professional Biologist (Esame di Stato) and the post-graduate title of Specialist in Allergology and Clinical Immunology in 1997. He followed a Doctorate course in Immunology (Molecular Biology and Biochemistry School) in Paris at University of Paris 7 – Denis Diderot, were he obtained a Ph.D. in Immunology in 1999.

Employment

2019-present Habilitation to Full Professor in General Pathology, University of Insubria, Varese, Italy.
2018-present Associate Professor in General Pathology, University of Insubria, Varese, Italy.
2010-2018 University Researcher, Assistant Professor in General Pathology, University of Insubria, Varese, Italy.
2002-2010 University Researcher, University of Insubria, Varese, Italy.
2002 Fellow ANRS, Unité de Biologie des Rétrovirus, Institut Pasteur, Paris, France.
2000-2001 Fellow AIDS, Istituto Superiore di Sanità, Unit of Viral Immunology, Advanced Biotechnology Center, Genoa, Italy.
1999-2000 Associate Researcher, Wisconsin Regional Primate Researcher Center, Madison-Wisconsin, WI (USA).
1997-1999 Sidaction Fellow, Laboratoire d'Immunologie des Pathologies Infectieuses et Tumorales, Institut Cochin de Génétique Moléculaire, Paris, France.

1995-1996 European Fellow, Laboratoire d'Immunologie des Pathologies Infectieuses et Tumorales, Institut Cochin de Génétique Moléculaire, Paris, France.
1994-1995 Fellow CNR, Laboratory of Immunology, San Martino Hospital, University of Genoa, Genoa, Italy

Research experience and studies

Dr. Mortara obtained his Biological Sciences degree at University of Genoa in 1993, were he also obtained the qualifying examination for Professional Biologist (Esame di Stato) and the post-graduate title of Specialist in Allergology and Clinical Immunology in 1997. He followed a Doctorate course in Immunology (Molecular Biology and Biochemistry School) in Paris at University of Paris 7 – Denis Diderot, were he obtained a Ph.D. in Immunology in 1999.
He studied *in vitro* human T *helper* $CD4^+$ repertoire from peripheral blood against epitope peptides of HTLV-I virus in seronegative individuals. Subsequently he performed *in vitro* analyses on HIV-specific T *helper* repertoire from peripheral blood in HIV positive and negative individuals. Also he studied the whole T lymphocytic response at peptide level in HIV-infected individuals against *Candida albicans*.
From 1995 to the end of 1999 he was doctoral fellow at the Institut Cochin de Génétique Moléculaire, in Paris, Laboratoire d'Immunologie des Pathologies Infectieuses et Tumorales, directed by Dr. J.G. Guillet, working on the evaluation of the immune response of rhesus macaques after lipopeptides immunization using Nef and Gag sequences of SIV, as preclinical assays of human anti-HIV vaccines. Importantly, he described for the first time the selection of virus variants and emergence of virus SIV escape mutants after immunization with an epitope vaccine in macaques.
In February 2002 he returned to Paris as post-doc at the Institut Pasteur, Unité de Biologie des Rétrovirus (now Unité de Régulation des Infecitons Rétrovirales), in the group of Dr. M.C. Müller-Trutwin, directed by Prof. F. Barré-Sinoussi (Nobel Prize for Medicine and Physiology 2008). In this year he collaborated intensively also with Institut Pasteur of Dakar, Senegal, working on immunological and virological correlates of protection against AIDS in African green monkeys (AGM) infected by SIVagm, animal model of nonprogression of lentiviral disease.
In April 2002 he obtained the European Doctorate in Biotechnology from the European Association for Higher Education in Biotechnology, and in November 2002 he was appointed as Researcher at the University of Insubria (Varese), Medical School, in the Laboratory of General Pathology and Immunology, Department of Biological and Clinical Sciences.
Further, in 2011 and to date he joined the Laboratory of Immunology and General Pathology, Department of Biotechnology and Life Sciences (DBSV), University of Insubria. From 2010 to date he was appointed as Assistant Professor (Professore Aggregato).
Subsequently, his research activities were focused on basic and translational tumor immunology, and particularly evaluating innovative strategies of tumor vaccination and immunotherapy. Within this line of research he is studying in different tumor murine models the tumor-specific $CD4^+$ T helper response and the $CD8^+$ T response after different types of immunizations or therapeutic approaches, in particular with cytokines such as IL-12- and IL-15-engineered murine tumor cells, naked IL-12 cytokine DNA, or using mouse (m)TNF-α, targeted to tumor vasculature by the anti-ED-B fibronectin domain antibody, L19(scFv), combined with melphalan (Balza E et al., Eur. J. Immunol, 2017).

Present research

At the present, his investigations are focused on two research subjects: first) studying human tumor angiogenesis and phenotype and function of innate immune cells in the tumor microenvironment, in particular natural killer cells and their different cell subsets in different human cancers (non-small cell lung cancer NSCLC, colorectal, ovarian and prostate cancers, and malignant pleural effusions); second) evaluating novel immunotherapeutic interventions based on immunocitokynes TNFα and IL-2, in combination setting against tumor development and metastasis in diverse preclinical tumor murine models.

During lung tumor progression, a complex and dynamic interplay occurs between proliferating tumor cells and stromal, endothelial and immune tumor-conditioned host cells within the tumor microenvironment. Several factors within the tumor microenvironment, such as hypoxia, cytokines and soluble factors, appear to blunt the anti-tumor immune response and polarize immune cells towards a pro-tumor phenotype. Phenotypically and functionally altered immune cells found in cancer patients include macrophages, neutrophils, myeloid, dendritic, and even NK cells. We are studying tumor infiltrating (TINK) and tumor associated (TANK) NK cells in different types of human cancers: non-small cell lung cancer NSCLC, colorectal, ovarian and prostate cancers, and malignant pleural effusions. We have demonstrated (Bruno A et al, Neoplasia, 2013) that in NSCLC, TINKs and TANKs show similarities to decidual NK (dNK) cells, being polarized toward tissue builders, rather than killer cells, and producing pro-angiogenic cytokines (Mortara L et al, Curr. Opin. Pharmacol., 2017). The functionally polarized immune cells in NSCLC provide the stromal support and neovascularization required for NSCLC tumor expansion and progression in a feed-forward mechanism, leading to tumor progression. Further, systemic alterations of immune cells are also present in NSCLC patients. The precise knowledge of these immune cell alterations within the tumor microenvironment could become crucial for diagnosis, targeted therapeutic intervention, as well as prevention in NSCLC patients as well as in colorectal caner (A. Bruno, et al., Faseb J., 2018). Indeed, the inflammatory response originating within the tumor microenvironment is a crucial step of the disease, tightly linked to the tumor angiogenesis along with repression of adaptive immune system (Noonan DM et al, Cancer Metastasis Rev, 2008; Bosi A et al, J. Immunol. Res., 2018). Tumorigenesis and progression are promoted by different molecules produced within the tumor microenvironment, including pro-angiogenic factors and extracellular matrix-modifying enzymes that facilitate angiogenesis, invasion, and metastasis. Moreover, inflammatory cells, by releasing reactive oxygen and nitrogen species, can accelerate genetic mutation events, thereby inducing a faster evolution toward malignancy. Among different "actors" and "scenarios" in the tumor microenvironment we are interested in the characterization of natural killer cells, in term of phenotype and of several functional assays. NK cells are innate immune effectors able to recognize and eliminate tumor and virus-infected cells. NK cells constitute a heterogeneous population comprising approximately 10-15% of peripheral blood mononuclear cells in humans. Several human NK cell subsets have been described on the basis of the expression of two main surface antigens, CD56 and CD16. $CD^{56dim}CD16^{+}$ NK cells constitute about 90% of peripheral blood NK cells and are associated with target cell eradication through the secretion of perforin, granzyme and antibody dependent cellular cytotoxicity. The second NK cell subset, $CD56^{bright}CD16^{-}$, represents about 10% of peripheral blood NK cells. These NK cells are poorly cytotoxic but able to release large amounts of cytokines, including IFNγ, TNFα, and GM-CSF. A peculiar third NK cell subset has been found in the decidua during implantation. dNK cells are

$CD56^{superbright}CD16^{-}$, have low cytotoxicity, are tolerogenic, participate in the protection of the developing embryo, and are involved in decidual angiogenesis. Decidual-like NK cells has been described in the context of NSCLC, colorectal cancer, malignant pleural effusions and prostate cancers (Mortara L. et al, Curr. Opin. Pharmacol., 2017; Albini, A. et al. Front. Immunol., 2018, Gallazzi M. et al, Front. Immunol., 2021, Bassani B. et al., Cancers 2019). He also collaborates with Passamonti'lab, now Salvini's lab (Circolo Hospital Varese) on investigating immunogenicity and clinical efficacy of anti-sars-cov-2 vaccination in patients with hematological malignancies (Salvini M. et al, Am. J. Hematol. 2022; Salvini M. et al, Bone Marrow Transplant 2022) and with Gonzalez S.F. from IRB, Bellinzona, CH on studying macrophage functions in melanoma metastasis induction (Virgilio T., et al, Cancer Immunol Res. 2022). Recently he also is interested in studying physiopathological innate immune responses in Basedow and Hashimoto thyroid autoimmunity (Gallo D. et al., Front Endocrinol 2022; 2023; Gallo D. et al., Endocrine 2023).

The scientific production of Dr. Mortara at present consists of 90 publications on international specialized peer reviewed journals including: Cancer Lett., Front. Immunol., Front. Endocrinol., Int. J. Mol. Sci., Am. J. Hematol., Cancer Immunol. Res., Bone Marrow Transplant, Cytotherapy, J. Immunol. Res., Curr. Opin. Pharmacol., Eur. J. Immunol., J. Immunol., Neoplasia, Front. Oncol., J. Clin. Invest., J. Virol., Clin. Cancer Res., Int. J. Cancer, Int. Immunol., Surg. Oncol., Cancer Med., Cancer Metast. Rev., Cytometry, J. Infect. Dis., Proceedings of The National Academy of Sciences of The United States of America, PLos One, Blood.

Dr. Mortara regularly conducts evaluations for several journals, including: Frontiers in Immunology, OncoImmunology, International Journal of Molecular Sciences, iScience, Cytotherapy, European Journal of Immunology, Cancers, Frontiers in Oncology, Cytokine, Heliyon.

Teaching experience

2021-present: Responsible of the Course: General Pathology (Dentistry and Prosthodontics degree), School of Medicine.

2020-present: Responsible of the Course: General Pathology (Medicine degree), School of Medicine.

2020-present: Responsible as a Tutor for Biotechnology Degree (Laurea Triennale); Responsible for the Course: Molecular Bases of Immunology and Pathology, module: Immunology (Biotechnology Degree).

2016-2019: Responsible as a Tutor for Biotechnology Degree (Laurea Triennale); Responsible for the Course: Immunology (Biotechnology Degree).

2012-present: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale), School of Medicine.

2020-2023: Clinical Pathology for Ostetrician Health Degree (Laurea Triennale), School of Medicine.

2020-2021: Clinical Pathology for Health Nurse Degree (Laurea Triennale); Clinical Pathology for Ostetrician Health Degree (Laurea Triennale), School of Medicine.

2012-2020: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale); Clinical Pathology for Health Nurse Degree (Laurea Triennale); General Pathology and Immunology for Health Nurse Degree (Laurea Triennale); General Pathology and Immunology for Ostetrician Health Degree (Laurea Triennale); Clinical Pathology for Ostetrician Health Degree (Laurea Triennale), School of Medicine.

2014-2018: Lessons (4 hours) as elective teaching for Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale).

2011-2012: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale); General Pathology and Immunology for Health Nurse Degree (Laurea Triennale); General Pathology for Ostetrician Health Degree (Laurea Triennale), School of Medicine.

2010-2011: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale); General Pathology and Immunology for Health Nurse Degree (Laurea Triennale); Health Technique Cardiac Physiopathologist Degree (Laurea Triennale), School of Medicine
Physiopathology of the Immune System (module Immunology, Laurea Magistrale), Biological Science Degree (Laurea Magistrale).

2010-2018: he was appointed as Assistant Professor (Professore Aggregato).

2009-2010: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale); Clinical Pathology for Health Nurse Degree (Laurea Triennale); General Pathology and Immunology for Health Nurse Degree (Laurea Triennale); Health Technique Cardiac Physiopathologist Degree (Laurea Triennale), School of Medicine
Physiopathology of the Immune System (module Immunology, Laurea Magistrale), Biological Science Degree

2005-2009: Responsible of the Courses: Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree (Laurea Triennale); Immunology and General Pathology for Health Nurse Degree (Laurea Triennale), School of Medicine.
Lessons of Physiopathology of the Immune System (module Immunology, Laurea Magistrale), Biological Science Degree.

2002-2005: Responsible of the Course: Allergology and Clinical Immunology for Biomedical Laboratory Technician (Bachelor's Degree) (Laurea Triennale).
and lessons of Immunology. Medicine Degree, School of Medicine.

Coordination of Academic activities
2018-2021: AIQUA (quality assurance) committee member for the Course of Health Nurse Degree, Bachelor's Degree, Univ. Insubria.
2020-2022: AIQUA research (quality assurance) committee member for the Biotechnology Department, Univ. Insubria.
2022-present: AIQUA (quality assurance) committee member for the Course of Biotechnology Degree, Bachelor's Degree, Univ. Insubria.
2018-2021: Member of the steering committee for educational collaboration with stake holder for the Course of Health Nurse Degree, Bachelor's Degree, Univ. Insubria.
2018-present: Tutor for Biotechnology Degree.
2018-2023: Tutor for Health Nurse Degree.

Responsible and participation at Exam Commissions
Immunology, for Biotechnology Degree,
Allergology and Clinical Immunology for Biomedical Laboratory Technician Degree,
General Pathology and Immunology, and Clinical Pathology for Health Nurse Degree,
General Pathology and Immunology, and Clinical Pathology for Ostetrician Health Degree.

Partecipation at Exam Commissions
Responsible of the courses: Dr. D.M. Noonan: 1) Physiopathology, Medicine and Surgery, School of Medicine; 2) General Pathology, Dentistry and Dental Prosthesis School of Medicine, and 3) Physiopathology and General Pathology, Biotechnology.

Partecipation at Laurea Exam Commissions
Biotechnology Degree,
Biomedical Laboratory Technician Degree,
Health Nurse Degree,
Biomedical Sciences Degree.

Third Misison: Vaccines: a challenge between science and social ethics. University of Insubria. December 23rd 2020 (duration 1h 55 min). https://www.youtube.com/watch?v=JPUciUduc0c. Discussion open to the public with citizenship.

Other:
2014-2017: Supervisor of 3 students for 3-years (Marì De Leo, Ester Chersoni, Ambra Fortunato) (Laurea Triennale) Degree in Biomedical Laboratory Technician (2014-2016), and of 3 students for 2-years (Alessandra Musco, Davide Gambino, Annalisa Bosi) (Laurea Magistrale) Degree in Biological Sciences (2014-2017).

2013-2016: Tutor of one PhD student Biotechnology Biosciences and Surgical Technologies, (Curriculum Biotechnology and Surgical Technologies), XXIX Ciclo. Title of PhD Thesis: Characterization of Natural Killer cells from patients affected by pleural effusions. External Referees: Prof. Elisabeth Menu (I. Pasteur, Paris) and Prof. Antonio Sica (Humanitas, Rozzano, Milano). Date of Thesis: December 21, 2016.

2018-2020: Supervisor for 14 students (Eleonora Matteocci, Marco Bulgheroni, Simone Del Motto, Cristina Laccisaglia, Alessandro Aliverti, Alessandra Ponti, Chiara Frigé, Erica Moltoni, Deborah Muraca, Giorgia Aliverti, Gaia Marcolli, Grace Coco, Maddalena Raffanini, Giulia Latino) (Laurea 3-years Triennale) in Biotechnology Degree, and 1 student for 2-years (Mariana Dodaj) (Laurea Magistrale) in Molecular Industry Biotechnology Degree.

2021-2022: Supervisor for 3 students (Ilaria Mariani, Federica Bon e Fabio Gilio) (Laurea 3-years Triennale) in Biotechnology Degree. Supervisor for 1 student (Luca Lepore) (Laurea 3-years Triennale) in Biomedical Laboratory Technician Degree. Supervisor for 6 students (Giorgia Spina, Cristian Rubuano, Veronica Vivona, Luisa Esposito, Gaia Lazzarin, Giorgia Maspero) (Laurea 3-years Triennale) in Biotechnology Degree.

2022-2024: Supervisor for 7 students (Serena, Greta Marcolli, ….) (Laurea 3-years Triennale) in Biotechnology Degree, and 2 students for Science Biology (Viviana Rezza, Cinzia Zambetti).

Third Misison: Vaccines: a challenge between science and social ethics. University of Insubria. December 23rd 2020 (duration 1h 55 min). https://www.youtube.com/watch?v=JPUciUduc0c. Discussion open to the public with citizenship.

PUBLICATIONS (90):

1. N. Kustrimovic, G. Bilato, L. Mortara, D. Baci. The Urinary Microbiome in Health and Disease: Relevance for bladder Cancer. Int J Mol Sci. 2024 (IF=5.600) (Cited:)

2. N. Kustrimovic, D. Gallo, E. Piantanida, A. Lai, N. Zerbinati, M.L. Tanda, L. Mortara. Regulatory T cells in the pathogenesis of Graves' disease. Int J Mol Sci. 2023 (IF=5.600) (Cited:)

3. L. Barone, M.T. Palano, M. Gallazzi, M. Cucchiara, F. Rossi, M. Borgese, M. Raspanti, P.A. Zecca, L. Mortara, R. Papait, G. Bernardini, L. Valdatta, A. Bruno, R. Gornati. Adipose mesenchymal stem cell-derived soluble factors, produced under hypoxic condition, efficiently support in vivo angiogenesis. Cell Death Discov. 2023 May 23;9(1):174. (IF=7.000) (Cited: 2)

4. M. Cucchiara, A. Butera, O. Kayali, A. Chiesa, M.T. Palano, F. Olmeo, M. Gallazzi, C.P.B. Dellavia, L. Mortara, B. Bassani, L. Parisi, A. Bruno. Neutrophils' contribution to periodontitis and periodontitis-associated cardiovascular diseases. Int J Mol Sci. 2023 Oct 19;24(20):15370. (IF=5.600) (Cited: 2)

5. P. Campomenosi, L. Mortara, B. Bassani, R. Valli, G. Porta, A. Bruno, F. Acquati. The potential role of the T2 ribonucleases in TME-based cancer therapy. Biomedicines. 2023 Aug 1;11(8):2160. (IF=4.700) (Cited:)

6. D. Gallo, D. Baci, N. Kustrimovic, N. Lanzo, B. Patera, M.L. Tanda, E. Piantanida, L. Mortara. How does Vitamin D affect immune cells crosstalk in autoimmune diseases? Int J Mol Sci. 2023 Feb 28;24(5):4689. (IF=5.600) (Cited: 5)

7. V. Artusa, L. Calabrone, L. Mortara, F. Peri, A. Bruno. Microbiota-Derived Natural Products Targeting Cancer Stem Cells: Inside the Gut Pharma Factory. Int J Mol Sci. 2023 Mar 5;24(5):4997. (IF=5.600) (Cited: 2)

8. N. Kustrimovic, G.F.M. Fazzino, D. Gallo, C. Ghirardello, I. Mariani, E. Piantanida, M.L. Tanda, L. Mortara. Dr Hashimoto and the discovery of autoimmune hypothyroidism. Med Historica. 2023 (Cited:)

9. N. Kustrimovic, D. Gallo, A. De Lerma Barbaro, E. Piantanida, L. Mortara, M.L. Tanda. The discovery of TNF-a: a historical perspective. Med Historica. 2023 (Cited:)

10. D. Gallo, A. Bruno, M. Gallazzi, A.M. Cattaneo, G. Veronesi, A. Genoni, M.L. Tanda, L. Bartalena, A. Passi, E. Piantanida, L. Mortara. Immunomodulatory role of vitamin D and selenium supplementation in newly diagnosed Graves' disease patients during methimazole treatment. Front Endocrinol (Lausanne). 2023 Apr 14;14:1145811. (IF=5.555) (Cited: 2)

11. N. Kustrimovic, R. Bombelli, D. Baci, L. Mortara. Microbiome and Prostate Cancer: A Novel Target for Prevention and Treatment. Int J Mol Sci. 2023 Jan 12;24(2):1511. (IF=5.600) (Cited: 6)

12. D. Gallo, A. De Vito, R. Roncoroni, A. Bruno, E. Piantanida, L. Bartalena, M.L. Tanda, L. Mortara, F. Acquati. A potential role of human RNASET2 overexpression in the pathogenesis of Graves' disease. Endocrine 2023 Jan;79(1):55-59. (IF=3.613) (Cited: 5)

13. L. Mortara, A.V. Benest, L. Derosa, S. Chouaib, D. Ribatti. Editorial: The intricate innate immune-cancer cell relationship in the context of tumor angiogenesis, immunity and microbiota: The angiogenic switch in the tumor microenvironment as a key target for immunotherapies. Front Immunol. 2022 Oct 6;13:1045074. (IF=8.786) (Cited: 2)

14. A. Bruno, D.M. Noonan, R. Valli, G. Porta, R. Taramelli, L. Mortara*, F. Acquati*. Human RNASET2: A Highly Pleiotropic and Evolutionary Conserved Tumor Suppressor Gene Involved in the Control of Ovarian Cancer Pathogenesis. Int J Mol Sci. 2022 Aug 13;23(16):9074. (IF=6.208) (Cited: 1)

15. M. Salvini, C. Damonte, L. Mortara, F. Maggi, A. Bruno, G. Pellegrini, B. Mora, M. Brociner, A. Ingrassia, R. Mattarucchi, B. Bianchi, D. Sirocchi, S. Agnoli, E. Rumi, M. Merli, A. Fossati, S. Bassi, R. Bombelli, M. Gallazzi, O. Borsani, A. Baj, M. Franchi, P.A. Grossi, F. Passamonti. Immunogenicity and Clinical Efficacy of Anti-Sars-Cov-2 Vaccination in Patients with Hematological Malignancies: Results of A Prospective Cohort Study of 365 Patients. Am J Hematol. 2022 Jun 15. (IF=13.265) (Cited: 9)

16. D. Baci, E. Cekani, A. Imperatori, D. Ribatti, L. Mortara. Host-related factors as targetable drivers of immunotherapy response in non-small cell lung cancer patients. Front. Immunol. 2022 Jul 6;13:914890. (IF=8.786) (Cited:4)

17. D. Gallo, L. Mortara, G. Veronesi, S.A. Cattaneo, A. Genoni, M. Gallazzi, C. Peruzzo, P. Lasalvia, P. Moretto, A. Bruno, A. Passi, A. Pini, A. Nauti, M.A. Lavizzari, M. Marinò, G. Lanzolla, M.L. Tanda, L. Bartalena, E. Piantanida. Add-on effect of selenium and vitamin D combined supplementation in early control of Graves' disease hyperthyroidism during methimazole treatment. Front. Endocrinol. 2022 (IF=5.555) (Cited:15)

18. G. Coco, C. Pozzi, L. Mortara. Biomedicine and traditional Chinese medicine: a fruitful scientific and cultural interaction. Acta Biomedica 2022 93(1),e2022070. (IF=1.352) (Cited:1)

19. M.T. Palano, M. Cucchiara, M. Gallazzi, L. Mortara, G.F. Gensini, G. Spinetti, G. Ambrosio, A. Bruno. When a friend becomes your enemy: Natural Killer cells in atherosclerosis and atherosclerosis-associated risk factors. Front Immunol. Jan 13;12:798155. 2022 (IF=7.561) (Cited: 13)

20. T. Virgilio, J. Bordini, L. Cascione, G. Sartori, I. Latino, D. Molina Romero, C. Leoni, M. Akhmedov, A. Rinaldi, A.J. Arribas, D. Morone, S.M. Seyed Jafari, M. Bersudsky, A. Ottolenghi, I. Kwee, A.M. Chiaravalli, F. Sessa, R.E. Hunger, A. Bruno, L. Mortara, E. Voronov, S. Monticelli, R.N. Apte, F. Bertoni, S.F. Gonzalez. Subcapsular sinus macrophages promote melanoma metastasis to the sentinel lymph nodes via an IL-1α-STAT3 axis. Cancer Immunol Res. 2022 Oct 7:CIR-22-0225. (IF=12.020) (Cited: 5)

21. Palano MT, Gallazzi M, Cucchiara M, Dehò F, Capogrosso P, Bruno A, Mortara L. The tumor innate immune microenvironment in prostate cancer: an overview of soluble factors and cellular effectors. Explor Target Antitumor Ther. 2022;3(5):694-718. (IF=2.400) (Cited:3)

22. G. Ietto*, L. Mortara*, D. Dalla Gasperina, D. Iovino, L. Azzi, A. Baj, W. Ageno, A. Genoni, F. Acquati, M. Gallazzi, G. Spina, F. Pierin, G. Coco, D.M. Noonan, A. Vigezzi, E. Monti, V. Iori, F. Masci, C. Franchi, S. Di Saverio, G. Carcano. Immune-Mediated Mechanisms in Patients Testing Positive for SARS-CoV-2: Protocol for a Multianalysis Study. JMIR Res. Protoc. Jan 25;11(1):e29892. 2022 (* co-first authors) (IF=1.850) (Cited:1)

23. M. Salvini, F. Maggi, C. Damonte, L. Mortara, A. Bruno, B. Mora, M. Brociner, R. Mattarucchi, A. Ingrassia, D. Sirocchi, B. Bianchi, S. Agnoli, M. Gallazzi, M. Merli, A. Ferrario, R. Bombelli, D. Barraco, A. Baj, L. Bertù, P.A. Grossi, F. Passamonti. Immunogenicity of anti-SARS-CoV-2 Comirnaty vaccine in patients with lymphomas and myeloma who underwent autologous stem cell transplantation. Bone Marrow Transplant. Jan;57(1):137-139. 2022 (IF=4.480) (Cited:9)

24. M.T. Palano, M. Gallazzi, M. Cucchiara, A. De Lerma Barbaro, D. Gallo, B. Bassani, A. Bruno, L. Mortara. Neutrophils and Natural Killer Cells Interaction in Cancers: Dangerous Liaisons Instructing Immunosuppression and Angiogenesis. Vaccines (Basel). Dec 16;9(12):1488. 2021 (IF=4.961) (Cited:6)

25. A. De Lerma Barbaro, M.T. Palano, M. Cucchiara, M. Gallazzi, L. Mortara*, A. Bruno*. Metabolic rewiring in the tumor microenvironment to support immunotherapy: a focus on neutrophils, polymorphonuclear myeloid-derived suppressor cells and natural killer cells. Vaccines (Basel). Oct 14;9(10):1178, 2021 (IF=4.961) (Cited:5)

26. M. Gallazzi*, D. Baci*, L. Mortara*, A. Bosi, G. Buono, A. Naselli, A. Guarneri, F. Dehò, P. Capogrosso, A. Albini, D.M. Noonan, A. Bruno. Prostate cancer peripheral blood NK cells show enhanced CD9, CD49a, CXCR4, CXCL8, MMP-9 production, and secrete monocyte-recruiting and polarizing factors. Front. Immunol. Jan 25;11:586126. 2021 (IF=8.786) (Cited:40)

27. L. Mortara, D. Baci, G. Coco, A. Poggi, A. Bruno. The dual role of Natural Killer cells during tumor progression and angiogenesis: Implications for tumor microenvironment-targeted immunotherapies. (Elsevier Book Chapter). Successes and Challenges of NK Immunotherapy: Breaking Tolerance to Cancer Resistance pp. 305-347. June 2021 (Cited:)

28. G. Coco, L. Gatti, E. Piantanida, D. Gallo, L. Mortara. Analysis of Graves' disease from the origins to the current historical evolution. Medicina Historica Vol. 5, N.3: e2021030, 2021 (IF=0.375) (Cited:1)

29. L. Campiotti, M.B. Gariboldi, L. Mortara, D.M. Noonan, D. Gallo, E. Piantanida, O. Nigro, and E. Monti. Inverse correlation Between Body Mass Index and Cetuximab-Mediated Cellular Cytotoxicity Against Human Carcinoma Cells. J. Chemotherapy 2021 (IF=2.120) (Cited: 6)

30. D. Baci, A. Bosi, L. Parisi, G. Buono, L. Mortara*, G. Ambrosio*, A. Bruno*. Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis. Int. J. Mol. Sci. 2020 (IF=6.208) (Cited: 34)

31. E. Balza, B. Carnemolla, P. Orecchia, A. Rubartelli, A. Poggi, and L. Mortara. Tumor vasculature targeted TNFa therapy: reversion of microenvironment anergy and enhancement of the anti-tumor efficiency. Curr. Med. Chem. 2020, 27(25): 4233-4248. (IF=4.184) (Cited:2)

32. D. Baci, A. Bosi, M. Gallazzi, M. Rizzi, D.M. Noonan, A. Poggi, A. Bruno, and L. Mortara. The ovarian cancer tumor immune microenvironment (TIME) as target for therapy: a focus on innate immunity cells as therapeutic effectors. Int. J. Mol. Sci. 2020 (IF=6.208) (Cited:69)

33. D. Gallo, E. Piantanida, M. Gallazzi, L. Bartalena, M.L. Tanda, A. Bruno, and L. Mortara. Immunological drivers in Graves' disease: NK cells as a master switcher. Front. Endocrinol. 2020 (IF=5.555) (Cited:23)

34. M. Rizzi, M. Gallazzi, F. Tosetti, and L. Mortara. The tumor-endothelium interaction in pioneering studies and the revisited concept on the angiogenesis process during tumor progression and metastasis. Medicina Historica Apr, 4(1): 20-28, 2020 (IF=0.375) (Cited:2)

35. D. Gallo, L. Mortara, M.B. Gariboldi, S.A.M. Cattaneo, S. Rosetti, L. Gentile, D.M. Noonan, P. Premoli, C. Cusini, M.L. Tanda, L. Bartalena, and E. Piantanida. Immunomodulatory effect of vitamin D and its potential role in the prevention and treatment of thyroid autoimmunity: a narrative review. J. Endocrinol Invest. Apr 4, 2020 (IF=3.439) (Cited:30)

36. A. De Vito, P. Orecchia, E. Balza, D. Reverberi, D. Scaldaferri, R. Taramelli, D.M. Noonan F. Acquati, and L. Mortara. Overexpression of Murine Rnaset2 in a Colon Syngeneic Mouse Carcinoma Model Leads to Rebalance of Intra-Tumor M1/M2 Macrophage Ratio, Activation of T Cells, Delayed Tumor Growth, and Rejection. Cancers (Basel) March 18, 12(3), 717, 2020 (IF=6.639) (Cited:13)

37. F. Acquati, L. Mortara, A. De Vito, D. Baci, A. Albini, M. Cippitelli, R. Taramelli, and D.M. Noonan. Innate immune response regulation by the human RNASET2 tumor suppressor gene. Front. Immunol. Nov 5;10:2587, 2019 (IF=5.320) (Cited:17)

38. D. Baci, A. Bruno, C. Cascini, M. Gallazzi, L. Mortara, F. Sessa, G. Pelosi, A. Albini, and D.M. Noonan. Acetyl-L-Carnitine downregulates invasion (CXCR4/CXCL12, MMP9) and angiogenesis (VEGF, CXCL8) pathways in prostate cancer cells: rationale for prevention and interception strategies. J. Exp. Clin. Canc. Res. Nov 12;38(1):464, 2019 (IF=5.646) (Cited:43)

39. D. Gallo, S.A.M. Cattaneo, E. Piantanida, L. Mortara, F. Merletti, M. Nisi, C. Peruzzo, A. Nauti, L. Gentile, J. Sabatino, M.L. Tanda, M. Ferrario, L. Bartalena, and R Chianese. Severità del Morbo di Basedow di prima diagnosi: ruolo dei linfociti Treg e dei micronutrienti. Dati preliminari di uno studio osservazionale pilota. Lettere GIC 28: 15-19, Num.1, april 2019 (Cited:0)

40. A. Bruno*, L. Mortara*, D. Baci, D.M. Noonan, and A. Albini. Myeloid derived suppressor cells interactions with natural killer cells and pro-angiogenic activities: roles in tumor progression. Front. Immunol. 10, 771, APR 18, 2019 (IF=8.786) (Cited:135)

41. B. Bassani, D. Baci, M. Gallazzi, A. Poggi, A. Bruno, and L. Mortara. Natural killer cells as key players of tumor progression and angiogenesis: old and novel tools to divert their pro-tumor activities into potent anti-tumor effects. Cancers (Basel) Apr 1;11(4). pii: E461, 2019 (IF=6.639) (Cited:110)

42. L. Mortara, E. Balza, A. Bruno, A. Poggi, P. Orecchia, and B. Carnemolla. Anti-cancer therapies employing IL-2 cytokine tumor targeting: contribution of innate, adaptive and immunosuppressive cells in the anti-tumor efficacy. Front. Immunol. 9, 2905, DEC 18, 2018 (IF=8.786) (Cited:85)

43. D. Gallo, E. Piantanida. P. Badino, L. Mortara. The story of a vitamin for bone health that upgraded to hormone for systemic good health. Medicina Historica, 2(3): 152-160, 2018 (Cited:4)

44. D. Scaldaferri, A. Bosi, M. Fabbri, E. Pedrini, A. Inforzato, D.M. Noonan, R. Taramelli L. Mortara*, F. Acquati*. The human RNASET2 protein affects the polarization pattern of human macrophages in vitro. Immunol. Lett. Nov;203:102-111, 2018 (* co-corresponding authors) (IF=3.685) (Cited:22)

45. L. Mortara, M.B. Gariboldi, A. Bosi, M. Bregni, G. Pinotti, L. Guasti, A. Squizzato, D.M. Noonan, E. Monti, and L. Campiotti. Vitamin D deficiency has a negative impact on cetuximab-mediated cellular cytotoxicity against human colon carcinoma cells. Targeted Oncology Oct;13(5):657-665, 2018 (IF=4.864) (Cited:13)

46. A. Bruno, B. Bassani, D.G. D'Urso, I. Pitaku, E. Cassinotti, G. Pelosi, L. Boni, L. Dominioni, D.M. Noonan, L. Mortara*, and A. Albini*. Angiogenin and the MMP9-TIMP2 axis are strongly upregulated in pro-angigoenic dNK-like cells isolated from colorectal cancer patents. Faseb J. Oct;32(10):5365-5377, 2018 (* co-last authosr) (IF=5.834) (Cited:87)

47. D. Baci, A. Bruno, B. Bassani, M. Tramacere, L. Mortara, A. Albini, and D.M. Noonan. Acetyl-L-carnitine is an anti-angiogenic agent targeting the VEGFR2 and CXCR4 pathways. Cancer Lett. 429, pp. 100-116, 2018 (IF=9.756) (Cited:24)

48. A. Albini, A. Bruno, D.M. Noonan, and L. Mortara. Contribution to Tumor Angiogenesis from Innate Immune Cells Within the Tumor Microenvironment: Implications for Immunotherapies. Front. Immunol. 9, 527, 2018 (IF=8.786) (Cited:267)

49. A. Bosi, S. Zanellato, B. Bassani, A. Albini, A. Musco, M. Cattoni, M. Desio, E. Nardecchia, D.G. D'Urso, A. Imperatori, L. Dominioni, D.M. Noonan, L. Mortara*, A. Bruno*. Natural Killer Cells from Malignant Pleural Effusion are Endowed with a Decidual-like Proangiogenic Polarization. J. Immunol. Res. 2438598, 2018 (* co-last author) (IF=4.818) (Cited:39)

50. L. Parisi, E. Gini, D. Baci, M. Tremolati, M. Fanuli, B. Bassani, G. Farronato, A. Bruno, and L. Mortara. Macrophage Polarization in Chronic Inflammatory Diseases: Killers or Builders? J. Immunol. Res. 8917804, 2018 (IF=4.818) (Cited: 322)

51. L. Mortara, A.V. Benest, D.O. Bates, and D.M. Noonan. Can the co-dependence of the immune system and angiogenesis facilitate pharmacological targeting of tumours? Curr. Opin. Pharmacol. 35, pp. 66-74, 2017 (IF=4.300) (Cited:24)

52. E. Balza, S. Zanellato, A. Poggi, D. Reverberi, A. Rubartelli, and L. Mortara. The therapeutic T-cell response induced by tumor delivery of TNF and melphalan is dependent on early triggering of natural killer and dendritic cells. Eur. J. Immunol. 47(4), pp. 743-753, 2017 (IF=6.688) (Cited:8)

53. F. Morandi, A.L. Horenstein, A. Chillemi, V. Quarona, S. Chiesa, A. Imperatori, S. Zanellato, L. Mortara, M. Gattorno, F. Malavasi, and V. Pistoia. CD56bright CD16- NK cells produce adenosine through a CD38-mediated pathway and act as regulatory cells inhibiting autologous CD4+ T cell proliferation. J. Immuol. 195(3), pp. 965-972, 2015 (IF=5.426) (Cited:102)

54. L. Mortara, S. Zanellato, B. Bassani, A. Imperatori, N. Rotolo, L. Dominioni, A. Albini, D.M. Noonan, and A. Bruno. Polarization of tumor infiltrating leukocytes from innate immunity and their role in the pro-angiogenic phenotype in NSCLC. J. Clin. Cell. Immunol. 6,2, 2015 (Cited:)

55. A. Bruno, A. Pagani, L. Pulze, A. Albini, K. Dallaglio, D.M. Noonan, and L. Mortara. Orchestration of angiogenesis by immune cells. Front. Oncol. 4 JUL, 131, 2014 (IF=5.738) (Cited:92)

56. L. Mortara, P. Orecchia, P. Castellani, L. Borsi, B. Carnemolla, and E. Balza. Schedule-dependent therapeutic efficacy of L19mTNF-a and Melphalan combined with Gemcitabine. Cancer Med. 2(4), pp. 478-487, 2013 (IF=4.452) (Cited:16)

57. A. Imperatori, M. Castiglioni, L. Mortara, E. Nardecchia, and N. Rotolo. The challenge of prognostic markers in pleural mesothelioma. J. Thorac Dis. 5(3), pp. 205-206, 2013 (IF=2.365) (Cited:7)

58. A. Bruno, C. Focaccetti, A. Pagani, A.S. Imperatori, M. Spagnoletti, N. Rotolo, A.R. Cantelmo, F. Franzi, C. Capella, G. Ferlazzo, L. Mortara, A. Albini, and D.M. Noonan. The proangiogenic phenotype of natural killer cells in patients with non-small cell lung cancer. Neoplasia. 15(5), pp. 133-142, 2013 (IF=6.218) (Cited:185)

59. B. Morandi*, L. Mortara*, L. Chiossone, R.S. Accolla, M.C. Mingari, L. Moretta, and G. Ferlazzo. Dendritic cell editing by activated natural killer cells results in a more protective cancer-specific immune response. PLoS One. 7(6), e39170, 2012 (* co-first authors) (IF=3.240) (Cited:94)

60. F.P. Pellegrini, M. Marinoni, V. Frangione, A. Tedeschi, V. Gandini, F. Ciglia, L. Mortara, R.S. Accolla, and L. Nespoli. Down Syndrome, Autoimmunity and T Regulatory Cells. Clin. Exp. Immunol. 169(3), pp. 238-243, 2012 (IF=3.148) (Cited:71)

61. Laurent S., Carrega P., Saverino D., Piccioli P., Camoriano M., Morabito A., Dozin B., Fontana V., Simone R., Mortara L., Mingari M.C., Ferlazzo G., Pistillo M.P. CTLA-4 expressed by human dendritic cells modulates their cytokine secretion and induction of T cell proliferation. J. Biol. Res. (Italy) 84(1), pp. 141-143, 2011 (Cited:)

62. R. S. Accolla, V. Frangione, A. De Lerma Barbaro, and L. Mortara. New strategies of mammary cancer vaccination. Breast J. 16 (suppl. 1), pp. S42-S44, 2010 (IF=2.431) (Cited:2)

63. S. Laurent, P. Carrega, D. Saverino, P. Piccioli, M. Camoriano, A. Morabito, B. Dozin, R. Simone, L. Mortara, M.C. Mingari, G. Ferlazzo, and M.P. Pistillo. CTLA-4 is expressed by human monocyte-derived dendritic cells and regulates their functions. Hum. Immunol. 71:934-941, 2010 (IF=2.850) (Cited:78)

64. V. Frangione, L. Mortara, P. Castellani, A. De Lerma Barbaro, and R.S. Accolla. CIITA-driven MHC-II positive tumor cells: preventive vaccines and superior generators of antitumor CD4+ T lymphocytes for immunotherapy. Int. J. Cancer. 127(7), pp. 1614-1624, 2010 (IF=7.316) (Cited:27)

65. E. Balza, B. Carnemolla, L. Mortara, P. Castellani, D. Soncini, R.S. Accolla, and L. Borsi. Therapy-induced antitumor vaccination in neuroblastomas by the combined targeting of IL-2 and TNF-a. Int. J. Cancer. 127(1), pp. 101-110, 2010 (IF=7.316) (Cited:47)

66. L. Mortara, V. Frangione, P. Castellani, A. De Lerma Barbaro, and R.S. Accolla. Irradiated CIITA-positive mammary adenocarcinoma cells act as a potent antitumor preventive vaccine by inducing tumor-specific CD4+ T cell priming and CD8+ T cell effector functions. Int. Immunol. 21(6), pp. 655-665, 2009 (IF=5.071) (Cited:24)

67. B. Morandi, L. Mortara, P. Carrega, C. Cantoni, G. Costa, R.S. Accolla, S. Ferrini, M.C. Mingari, L. Moretta, and G. Ferlazzo. NK cells provide helper signal for CD8+ T cells by inducing the expression of membrane-bound IL-15 on DCs. Int. Immunol. 21(5), pp. 599-606, 2009 (IF=5.071) (Cited:44)

68. O.M. Diop, M.J.Y. Ploquin, L. Mortara, A. Faye, B. Jacquelin, D. Kunkel, P. Lebon, C. Butor, A. Hosmalin, F. Barré-Sinoussi, and M.C. Müller-Trutwin. Plasmacytoid dendritic cell dynamics and alpha IFN production during Simian Immunodeficiency Virus infection with a nonpathogenic outcome. J. Virol. 82(11), pp. 5145-5152, 2008 (IF=6.549) (Cited:90)

69. D.M. Noonan, A. De Lerma Barbaro, N. Vannini, L. Mortara, and A. Albini. Inflammation, inflammatory cells and angiogenesis: decisions and indecisions. Cancer Metastasis Rev. 27(1), pp. 31-40, 2008 (IF=9.237) (Cited:221)

70. L. Mortara, L. Giuliani, A. De Lerma Barbaro, R.S. Accolla, and D.M. Noonan. Experimental therapeutic approaches to adenocarcinoma: The potential of tumor cells engineered to express MHC class II molecules combined with naked DNA interleukin-12 gene transfer. Surgical Oncol. 16, pp. 33-36, 2007 (IF=2.388) (Cited:5)

71. L. Mortara, E. Balza, F. Sassi, P. Castellani, B. Carnemolla, A. De Lerma Barbaro, S. Fossati, G. Tosi, R.S. Accolla, and L. Borsi. Therapy-induced antitumor vaccination by targeting tumor necrosis factor a to tumor vessels in combination with melphalan. Eur. J. Immunol. 37(12), pp. 3381-3392, 2007 (IF=6.688) (Cited:42)

72. P. Villefroy, F. Letourneur, Z. Coutsinos, L. Mortara, C. Beyer, H. Gras-Masse, J.G. Guillet, and I. Bourgault-Villada. SIV escape mutants in rhesus macaques vaccinated with NEF-derived lipopeptides and challenged with pathogenic SIVmac251. Virol. J. 3,65, 2006 (IF=2.362) (Cited:5)

73. G. Tosi, E. Pilotti, L. Mortara, A. De Lerma Barbaro, C. Casoli, and R.S. Accolla. Inhibition of human T-cell leukemia virus type 2 replication by the suppressive action of class II transactivator and nuclear factor Y. Proc. Natl. Acad. Sci. USA. 103(34), pp. 12861-12866, 2006 (IF=12.779) (Cited:21)

74. L. Mortara, P. Castellani, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, L. Zardi, S. Ferrini, and R.S. Accolla. CIITA-induced MHC class II expression in mammary adenocarcinoma leads to a Th1 polarization of the tumor microenvironment, tumor rejection and specific antitumor memory. Clin. Cancer Res. 12(11 Pt 1), pp. 3435-3443, 2006 (IF=13.801) (Cited:69)

75. E. Balza*, L. Mortara*, F. Sassi, S. Monteghirfo, B. Carnemolla, P. Castellani, D. Neri, R.S. Accolla, L. Zardi, and L. Borsi. Targeted delivery of TNF-a to tumor vessels induces a therapeutic T cell-mediated immune response that protects the host against syngeneic tumors of different histological origin. Clin. Cancer Res. 12(8), pp. 2575-2582, 2006 (* co-first authors) (IF=13.801) (Cited:78)

76. L. Mortara, M.J.Y. Ploquin, A. Faye, D. Scott-Alagara, B. Vaslin, C. Butor, A. Hosmalin, F. Barré-Sinoussi, O.M. Diop, and M.C. Müller-Trutwin. Phenotype and function of myeloid dendritic cells derived from African green monkey blood monocytes. J. Immunol. Methods. 308 (1-2), pp. 138-155, 2006 (IF=2.287) (Cited:18)

77. C. Kornfeld, M.J.Y. Ploquin, I. Pandrea, V. Poaty-Movangou, A. Faye, R. Onanga, C. Apetrei, P. Rouquet, J. Estaquier, L. Mortara, J.F. Desoutter, C. Butor, R. Le Grand, P. Roques, F. Simon, F. Barré-Sinoussi, O.M. Diop, and M.C. Müller-Trutwin. Antiinflammatory profiles during primary SIV infection in African green monkeys are associated with protection against AIDS. J. Clin. Invest. 115(4), pp. 1082-1092, 2005 (IF=19.456) (Cited:228)

78. A. De Lerma Barbaro, F.A. Procopio, L. Mortara, G. Tosi, and R.S. Accolla. The MHC class II transactivator (CIITA) mRNA stability is critical for the HLA class II gene expression in myelomonocytic cells. Eur. J. Immunol. 35(2), pp. 603-611, 2005 (IF=6.688) (Cited:12)

79. M. Croce, R. Meazza, A.M. Orengo, L. Radic, B. De Giovanni, C. Gambini, B. Carlini, V. Pistoia, L. Mortara, R.S. Accolla, M.V. Corrias, and S. Ferrini. Sequential immuno-gene therapy with IL-12- and IL-15-engineered neuroblastoma cells cures metastatic disease in syngeneic mice. Clin. Cancer Res. 11(2), pp. 735-742, 2005 (IF=13.801) (Cited:29)

80. M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, L. Mortara, A. Faye, M.A. Soares, E. Nerrienet, R. Le Grand, Y. van Kooyk, A. Amara, O. Schwartz, F. Barré-Sinoussi, and M.C. Müller-Trutwin. DC-SIGN from African green monkeys is expressed in lymph nodes and mediates infection in trans of simian immunodeficiency virus (SIVagm). J. Virol. 78(2), pp. 798-810, 2004 (IF=6.549) (Cited:22)

81. T.M. Allen, L. Mortara, B. Mothé, M. Liebl, P. Jing, B. Calore, M. Piekarczyk, R. Ruddersdorf, D.H. O'Connor, D. Fuller, K. Huntsman, X. Wang, J.D. Altman, S. Wolinsky, A. Sette, R. Desrosiers, G. Sutter,

and D.I. Watkins. Tat-vaccinated macaques do not control SIVmac239 replication. J. Virol. 76(8), pp. 4108-4112, 2002 (IF=6.549) (Cited:110)

82. A. Kunkl, D. Risso, M.P. Terranova, M. Girotto, B. Brando, L. Mortara, and P.B. Lantieri. Grading of laboratories on CD4+ T lymphocyte evaluations based on acceptable performance boundaries defined by the measurement error. Cytometry (Clinical Cytometry). 50(2), pp. 117-126, 2002 (IF=3.058) (Cited:13)

83. G. Li Pira, L. Bottone, D. Fenoglio, P. Terranova, E. Pontali, F. Ivaldi, F. Del Galdo, L. Mortara, A. Loregian, G. Palù, A. Kunkl, R. Accolla, R. De Palma, and F. Manca. Analysis of the antigen specific T cell repertoires in HIV infection. Immunol. Lett. 79(1-2), pp. 85-91, 2001 (IF=4.230) (Cited:7)

84. L. Mortara, F. Letourneur, P. Villefroy, C. Beyer, H. Gras-Masse, J.G. Guillet, and I. Bourgault-Villada. Temporal loss of Nef-epitope CTL recognition following macaque lipopeptide immunization and SIV challenge. Virology. 278(2), pp. 551-561, 2000 (IF=3.513) (Cited:30)

85. L. Mortara, H. Gras-Masse, C. Rommens, A. Venet, J.G. Guillet, and I. Bourgault-Villada. Type 1 CD4+ T-cell help is required for induction of antipeptide multispecific cytotoxic T lymphocytes by a lipopeptide vaccine in rhesus macaques. J. Virol. 73(5), pp. 4447-4451, 1999 (IF=6.549) (Cited:48)

86. A. Kunkl, L. Mortara, M.T. Valle, D. Fenoglio, M.P. Terranova, A.M. Megiovanni, A. Alessandrini, G. Mazzarello, V. Del Bono, A. Canessa, D. Bassetti, and F. Manca. Recognition of antigenic clusters of Candida albicans by T lymphocytes from human immunodeficiency virus-infected persons. J. Infect. Dis. 178(2), pp. 488-496, 1998 (IF=7.759) (Cited:20)

87. L. Mortara, F. Letourneur, H. Gras-Masse, A. Venet, J.G. Guillet, and I. Bourgault-Villada. Selection of virus variants and emergence of virus escape mutants after immunization with epitope vaccine. J. Virol. 72(2), pp. 1403-1410, 1998 (IF=6.549) (Cited:85)

88. I. Bourgault-Villada, L. Mortara, A.M. Aubertin, H. Gras-Masse, J.P. Lévy, and J.G. Guillet. Positive role of macaque cytotoxic T lymphocytes during SIV infection: decrease of cellular viremia and increase of asymptomatic clinical period. FEMS Immunol. Med. Microbiol. 19(1), pp. 81-87, 1997 (IF=3.078) (Cited:22)

89. F. Manca, D. Fenoglio, M.T. Valle, G. Li Pira, A. Kunkl, A. Ferraris, D. Saverino, F. Lancia, L. Mortara, L. Lozzi, M. Pierres, A.G. Dalgleish, and G. Lewis. Human CD4+ T cell can discriminate the molecular and structural context of T epitopes of HIV gp 120 and HIV p 66. J. AIDS and Hum. Retrovirol. 9(3), pp. 227-237, 1995 (IF=3.806) (Cited:23)

90. F. Manca, G. Li Pira, D. Fenoglio, M.T. Valle, A. Ferraris, F. Lancia, L. Oppezzi, D. Saverino, L. Mortara, A. Kunkl, R. Balderas, J. Arp, G. Dekaban, A.G. Dalgleish, L. Lozzi, and A. Theofiloupolos. Recognition of human T Leukaemia virus (HTLV-I) envelope by human CD4+ T cell lines from HTLV-I seronegative individuals: specificity and clonal heterogeneity. Blood. 85(6), pp. 1547-1554, 1995 (IF=25.476) (Cited:24)

Publication chapters book

D. Gallo, N. Kustrimovic, E. Piantanida, L. Bartalena, B. Patera, **L. Mortara**, M.L. Tanda. Role of regulatory T cells in pathogenesis and therapeutics of Graves' disease and Graves' orbitopathy. (Elsevier Book Chapter 22). May ***2024***.

L. Mortara, D. Baci, G. Coco, A. Poggi, A. Bruno. The dual role of Natural Killer cells during tumor progression and angiogenesis: Implications for tumor microenvironment-targeted immunotherapies. (Elsevier Book Chapter). Successes and Challenges of NK Immunotherapy: Breaking Tolerance to Cancer Resistance pp. 305-347. June ***2021***.

L. Mortara. Allergie e intolleranze / Allergies and intolerances. Scienze umane in estate. Summer School in humanities – Workshops for students - guidance between Vimercate and Alassio, pp. 170-177. Bellavite Editore, Missaglia (Lc), Sept, ***2018***.

Dr. Mortara is:

External Evaluator for the Swiss National Science Foundation (SNSF), Call for Consolidator Grants 2024-2026.
External Evaluator for the Agency for Science, Technology and Research (A*STAR) under the Singapore Ministry of Trade and Industry (MTI), Call for Proposals 2023-2025.
External Evaluator for the French National Cancer Institute (INCa), Call for Proposals 2019, Title: "Biological and basic sciences for Cancer research",
External Evaluator for the Swiss Cancer League, Call for Proposals 2021.
MIUR Referee COFIN Projetcs 2011-2017,
Referee Albo REPRISE MIUR 2015-2020 (Register for Expert Peer Reviewers for Italian Scientific Evaluation),
Referee for Bando: "Giovani Ricercatori Protagonisti" 2016, University of Florence,
"10 Assegni di ricerca di tipo A" 2017, University of Florence.
Referee for: Molecular Cancer (from March 2023) (IF=41.444),
Cancer Biotherapy and Radiopharmaceuticals (from June 2018) (IF=1.689),
Cancer Investigation (from May 2018) (IF=2.102),
Oncotarget (from February 2018),
Seminars in Immunology (from July 2017) (IF=9.611),
Anti-Cancer Agents in Medicinal Chemistry (from July 2017) (IF=2.598),
Medicinal Research Reviews (from March 2017) (IF=9.135),
Intern. J. of Immunopathology and Pharmacology (from April 2015) (IF=2.347),
International Journal of Molecular Sciences (from July 2018) (IF=3.687),
Frontiers in Immunology (from January 2019) (IF=5.511),
Molecules (from January 2019) (IF=3.098),
EBioMedicine (from January 2019) (IF=6.183),
Blood (from January 2019) (IF=13.164),
Theranostic (from January 2019) (IF=8.579),
Carcinogenesis (from March 2019) (IF=5.334),
Medicines (from March 2019),
J. Translational Medicine (from April 2019) (IF=3.786),
Translational Cancer Research (from April 2019) (IF=1.757),
Biomedicine & Pharmacotherapy (from May 2019) (IF=3.457),
Marine Drugs (from June 2019) (IF=4.379),
OncoImmunology (from July 2019) (IF=5.503),
Immunobiology (from November 2020) (IF=2.778),
Phytotherapy Research (from November 2020) (IF=4.087),
British Journal of Cancer (from November 2020) (IF=5.791),
Journal of the American Chemical Society (from November 2020) (IF=14.612),

Current Medicinal Chemistry (from December 2020) (IF=4.184),
Biology (from January 2021) (IF=3.796),
International Immunopharmachology (from February 2021) (IF=3.943),
FEBS Letters (from February 2021) (IF=3.057),
OncoTargets and Therapy (from February 2021) (IF=3.337),
Molecular Biology Reports (from March 2021) (IF=1.402),
Scientific Reports (from May 2021) (IF=3.998),
Advanced Science (from May 2021) (IF=15.840).

1) Member of the "Società Italiana di Immunologia, Immunologia Clinica e Allergologia", SIICA, since 2002 (former "Gruppo di Cooperazione in Immunologia", GCI, member since 1993),
2) Member of the "Society of the French Immunology", SFI, since 1996,
3) Member of the "Società Italiana di Cancerologia", SIC, since 2009,
4) Member of the "European Association for Cancer Reasearch", EACR, since 2009.

Oral presentations at National and International Congresses and Seminars

1) Los Angeles, University of California, UCLA, USA, March 20-21st, 2020: Natural killer cells as key players of tumor progression and angiogenesis: innovative anti-cancer therapies to divert their pro-tumor activities into potent anti-tumor effects. Invited speaker at First International Mini Symposium on "Successes and Challenges of NK Immunotherapy: Breaking Tolerance to Cancer Resistance". Cancelled for COVID-19 Pandemia, March 11, 2020.
Invited Elsevier book chapter, titled ***"Successes and Challenges of NK Immunotherapy; Breaking Tolerance to cancer Resistance"***, and our contribution titled: ***The Dual Role of Natural Killer Cells During Tumor Progression and Angiogenesis: Implications for Tumor Microenvironment-targeted Immunotherapies***. ***L. Mortara***, D. Baci, G. Coco, A. Poggi, antA. Bruno (2021).

2) Varese, Italy, June 8th 2016: Early triggering of natural killer and dendritic cells during the anti-tumor therapeutic response induced by TNFa tumor delivery and melphalan. School of Doctorate in Biotechnology, Biosciences and Surgical Technologies Seminar: Peripheral cells into mechanisms of immune response and of pathogenesis (inflammatory and neoformation), possible use in the diagnostic/therapeutic area. University of Insubria, Department of Biotecnology and Life Sciences.

3) Abano Terme, Padova, Italy, May 25th-28th 2016: Early triggering of natural killer and dendritic cell during antitumor therapeutic response induced by TNFa tumor vessel delivery and melphalan. Xth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA).

4) Florence, Italy, May 28th-31st 2014: Natural killer cells infiltrating colo-rectal cancer are switched towards the decidual-like pro-angiogenic CD56brightCD16- NK cell subset. IXth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA).

5) Bari, Italy, May 26th-29th 2010: CIITA-driven MHC class II expressing tumor cells of distinct hystotype act as a potent antitumor vaccine and as a superior generator of tumor-specific CD4+ T lymphocytes for immunotherapy. 7th National Confernce of SIICA.

6) Milan, Italy, November 23rd-26th 2009: Non-replicating MHC Class II-CIITA-positive mammary adenocarcinoma cells act as an effective anti-tumor-preventive vaccine by inducing long-lasting tumor-specific CD8+ T cells and potent CD4+ T helper cells. 51st Annual Meeting of the Italian Cancer Society (SIC).

7) Paris, France, November 24th 2008: Irradiated CIITA-positive mammary adenocarcinoma cells act as effective tumor cell vaccine inducing both tumor-specific CD4+ and CD8+ T immune responses and tumor rejection upon challenge. Club of Vaccinology of French Society for Immunology (SFI).

8) Geneva, Switzerland, August 27th-31st 2008: Tumor treatment by TNF-alpha targeted to tumor vessels and melphalan induces strong adaptive immune response, protection from tumor growth and anti-tumor memory. 2008 World Cancer Congress. Union for International Cancer Control (UICC).

9) Paris, France, September 6th-9th 2006: Increased frequencies of plasmacytoid dendritic cells in lymph nodes during non-pathogenic SIV infection. 16st European Congress of Immunology and 1st Joint Meeting of European National Societies of Immunology (EFIS).

10) Rome, Italy, September 19th-21st 2001: Containment of SIV escape variants in vivo associated with highly macaque multispecific CTL vaccine induction. XVth National Conference of Italian Society of Immunology and Clinic Immunology.

11) Madison, Wisconsin (USA), October 27th 2000: Nef and Tat CTL analysis in post-acute SIV-infected rhesus macaques. Immunogenetics Club. Wisconsin Regional Primate Research Center, Laboratory of Immunogenetics, Madison, WI (USA).

12) Madison, Wisconsin (USA), June 17th 2000: Study of functional CD8+ T responses of five A*01+ infected rhesus macaques towards regulatory proteins of SIVmac239. Vaccine Meeting. University of Wisconsin-Madison, Madison School (USA).

13) Rockville, Maryland (USA), June 9th 2000: Vaccine-induced CTL in the control of SIVmac replication. Henry M. Jackson Foundation, U.S. Military HIV-1 Vaccine Research Program.

14) Madison, Wisconsin (USA), April 6th 2000: Anti-SIV cytotoxic T-lymphocytes and their selective pressure for escape mutant viruses. Immunology Meeting. University of Wisconsin-Madison, Madison School (USA).

15) Madison, Wisconsin (USA), March 3rd 2000: Definition of new MHC class I molecules in chines rhesus macaques. Immunogenetics Club. Wisconsin Regional Primate Research Center, Laboratory of Immunogenetics, Madison, WI (USA).

16) Madison, Wisconsin (USA), January 21st 2000: Role of macaque anti-virus T lymphocytes CD8 positive responses in the control of SIV infection. Virology Meeting. Wisconsin Regional Primate Research Center, University of Wisconsin-Madison, Medical School (USA).

17) Madison, Wisconsin (USA), November 3rd 1999: Importance of multispecific CTL in controlling SIVmac infection in rhesus monkeys immunized by a multi-lipopeptidic vaccine. Immunogenetics Club. Wisconsin Regional Primate Research Center, Laboratory of Immunogenetics, Madison, WI (USA).

18) Paris, France, July 12th 1999: Interest of the Nef protein as target of multispecific CTL in the finalization of anti-HIV vaccine. Club of Retrovirology, Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire d'Immunologie, Universite Rene Descartes, Cochin Hospital.

19) Paris, France, December 2nd-3rd 1998: Induction of macaque multispecific CTL by using lipopeptidic immunization including a promiscuous T helper epitope. 8e Journees de l'Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire de Signalisation, Inflammation, Cochin Hospital.

20) Paris, France, December 12th 1997: Induction of macaque multispecific CTL through lipopeptides. Club of Retrovirology, Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire de Genetique des Virus, University Rene Descartes, Cochin Hospital.

21) Paris, France, December 3rd-4th 1997: Emergence and selection of virus mutations at the moment of induction of immune response into macaque SIV model. 7e Journees de l'Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire de Signalisation, Inflammation, Cochin Hospital.

22) Paris, France, December 3rd-6th 1997: Selection of virus variants and emergence of virus escape mutants by mono-specific CTL induced by lipopeptide vaccine. Dermatologic Days of Paris.

23) Genoa, Italy, November 9th-12th 1997: Monospecific CTL induced into rhesus macaques by lipopeptidic immunization select viral variants and mutants. XVth National Congress of Italian Society of Immunology and Immunopathology.

24) Paris, France, March 28th 1997: Fine characterization of the T cytotoxic lymphocytes (CTL) induced by lipopeptidique vaccine into macaque rhesus. Club of Retrovirology, Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire de Genetique des Virus, University Rene Descartes, Cochin Hospital.

25) Paris, France, December 11th-12th 1996: Optimization of immunization protocols by lipopeptide. 6e Journees de l'Institut Cochin de Genetique Moleculaire (ICGM), Laboratoire de Signalisation, Inflammation, Cochin Hospital.

26) Paris, France, February 1st 1996: Utilization of lipopeptides into macaque. Cooperative Action Meeting 1st, Medical Research Foundation, Animal models for vaccination and for immune carriers.

Active partecipation in Research Groups

2003-2018: Research Project group in collaboration with Dr. L. Zardi, Dr. L. Borsi and Dr. E. Balza, Department of Translational Oncology, Istituto Nazionale per la Ricerca sul Cancro, IRCCS AOU San Martino – IST, Genova, Dr. Dario Neri, Department of Chemistry and Applied Biosciences, Institute of Pharmaceutical Sciences, Swiss Federal Institute of Technology, Zurich, Switzerland, Dr. A. Rubartelli dell'Unità di Cell Biology, Department of Integrated Oncological Therapies, IRCSS AOU San Martino – IST, and Dr.Alessandro Poggi, Molecular Oncology and Angiogenesis Unit, IRCCS AOU San Martino IST. (E. Balza*, L. Mortara* (co-first author), et al., Clin. Cancer Res., 2006; L. Mortara, E. Balza, et al., Eur. J. Immunol., 2007; E. Balza, B. Carnemolla, L. Mortara, et al., Int. J. Cancer, 2010; L. Mortara, et al., Cancer Med., 2013; E. Balza, … L. Mortara (last author). Eur. J. Immunol., 2017).

2004-2012: Research group with Dr. Guido Ferlazzo, Laboratory of Immunology and Biotherapy, Department of Human Pathology, University of Messina, Messina, Dr. Maria Pia Pistillo, Tumor Epigenetics Unit, IRCCS AOU San Martino-IST, and with Dr. Maria Cristina Mingari, Department of Experimental Medicine, University of Genova. (B. Morandi*, L. Mortara* (co-first author), et al., Dendritic cell editing by activated natural killer cells results in a more protective cancer-specific immune response. PLoS One, 2012; Laurent S., et al., CTLA-4 expressed by human dendritic cells modulates their cytokine secretion and induction of T cell proliferation. J. Biol. Res., 2011; S. Laurent, et al., CTLA-4 is expressed by human monocyte-derived dendritic cells and regulates their functions. Hum. Immunol., 2010; B. Morandi, L. Mortara, et al., NK cells provide helper signal for CD8+ T cells by inducing the expression of membrane-bound IL-15 on DCs. Int.Immunol., 2009).

2004-January (1 month): Research Group at Unité de Biologie de Retrovirus, Pasteur Institut, Paris, France, coordinator Dr. M. Muller-Trutwin, director Prof Francoise Barré-Sinoussi (Nobel Prize for Medicine and Physiology 2008). (L. Mortara, et al., Phenotype and function of myeloid dendritic cells derived from African green monkey blood monocytes. J. Immunol. Methods, 2006).

2002-2003: CSS1"Interaction hote/virus", at the Unitè de Biologie des Retrovirus, Pasteur Institut, coordinator Dr. M. Muller-Trutwin, director Prof Francoise Barré-Sinoussi (Nobel Prize for Medicine and Physiology 2008) and in collaboration with Dr. Ousmane Diop, Dakar Pasteur Institut, and Dr. Cecile Butor and Dr. Anne Hosmalin, Department d'Immunologie, Hopital Cochin, INSERM U445, Paris, France. (M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, L. Mortara, et al., DC-SIGN from African green monkeys is expressed in lymph nodes and mediates infection in trans of simian immunodeficiency virus (SIVagm). J. Virol., 2004; C. Kornfeld, et al., Antiinflammatory profiles during primary SIV infection in African green monkeys are associated with protection against AIDS. J. Clin. Invest., 2005).

2000-2002: National research at the Human Virology Laboratory, Advanced Biotechnology Center, San Martino Hospital, Genova, director Dr. F. Manca, in collaboration with Prof. F. Indiveri, Centre

of Excellence for Biomedical Research, Department of Internal Medicine, University of Genova (G. Li Pira, et al., Analysis of the antigen specific T cell repertoires in HIV infection. Immunol. Lett., 2001).

1999-2000: International research at the Laboratory of Immunogenetics, Department of Pathology, Wisconsin Regional Primate Research Center, University of Wisconsin, Madison, USA, director Prof. David I. Watkins (T.M. Allen, L. Mortara, et al., Tat-vaccinated macaques do not control SIVmac239 replication. J. Virol., 2002).

1995-1999: Action Coordonee N.1, title: Vaccine animal models and immunization vectors. Fondation pour la Recherche Medicale, Hopital Cochin, Institut Cochin de Genetique Moleculaire ICGM, Paris, France. (I. Bourgault-Villada, L. Mortara, et al., Positive role of macaque cytotoxic T lymphocytes during SIV infection: decrease of cellular viremia and increase of asymptomatic clinical period. FEMS Immunol. Med. Microbiol., 1997; L. Mortara, et al., Selection of virus variants and emergence of virus escape mutants after immunization with epitope vaccine. J. Virol., 1998; L. Mortara, et al., Type 1 CD4+ T-cell help is required for induction of antipeptide multispecific cytotoxic T lymphocytes by a lipopeptide vaccine in rhesus macaques. J. Virol., 1999; L. Mortara, et al., Temporal loss of Nef-epitope CTL recognition following macaque lipopeptide immunization and SIV challenge. Virology, 2000).

Partecipation at College of Research Doctorate teachers

2021: Research Doctorate in Experimental and Translational Medicine, University of Insubria.

2013-2018: Research Doctorate in Biotechnology Biosciences and Surgical Technologies, (Curriculum: Biotechnology and Surgical Technologies), University of Insubria.

2011-2015: Research Doctorate in Cellular and Molecular Biology, University of Insubria.

2007-2013: Research Doctorate in Experimental Medicine and Oncology, University of Insubria.

ABSTRACTS AT CONFERENCES AND MEETINGS (199)

1. The cell-autonomous and non-cell autonomous activities of the alarmin-like RNASET2 protein in prostate cancer models. R. Roncoroni, A. De Vito, M. Gallazzi, D. Baci, M. Cucchiara, M.T. Palano, L. Monti, D.M. Noonan, A. Bruno, **L. Mortara**, F. Acquati. 62th SIC, Venice, Italy, November 16-18, **2022**.
2. Polarization of circulating and tumour infiltrating NK cells in prostate cancer: role of STAT3. M. Gallazzi, M.T. Palano, M. Cucchiara, F. Dehò, P. Capogrosso, F. Franzi, F. Sessa, A. Naselli, A. Guarneri, R. Ricotta, **L. Mortara**, A. Bruno. 62th SIC, Venice, Italy, November 16-18, **2022**.
3. R. Roncoroni, A. De Vito, M. Gallazzi, D. Baci, M. Cucchiara, M.T. Palano, L. Monti, D.M. Noonan, A. Bruno, **L. Mortara**, F. Acquati. The alarmin-like RNASET2 protein impact on prostate cancer (PCa) cell proliferation and inflammatory properties and shape macrophage polarization in a PCa in vivo model. 33rd Pezcoller Symposium, Trento, Italy, June 13-14, The Pezcoller Foundation Journal, Year 32, No. 57, p. 34, ***2022***.

4. M.P. Palano, M. Cucchiara, M. Gallazzi, P. Persichitti, R. Ricotta, **L. Mortara**, G. Taraboletti, D. Belotti, A. Resovi, A. Bruno. Circulating and tumour infiltrating NK cells acquire the decidual-like CD9+CD49a+ phenotype in pancreatic ductal adenocarcinoma: reversion by anti-fibrotic treatments. 33rd Pezcoller Symposium, Trento, Italy, June 13-14, The Pezcoller Foundation Journal, Year 32, No. 57, p. 32, ***2022***.
5. M. Gallazzi, M.T. Palano, M. Cucchiara, F. Dehò, P. Capogrosso, F. Franzi, F. Sessa, A. Naselli, A. Guarneri, R. Ricotta, **L. Mortara**, A. Bruno. Polarization of circulating and tumour infiltrating NK cells in prostate cancer: role of STAT3. 33rd Pezcoller Symposium, Trento, Italy, June 13-14, The Pezcoller Foundation Journal, Year 32, No. 57, p. 25, ***2022***.
6. A. De Vito, R. Roncoroni, M. Gallazzi, F. Pierin, G. Coco, D.M. Noonan, F. Acquati, **L. Mortara**. Microenvironment-mediated regulation of cancer growth by the human RNASET2 oncosuppressor gene. Beatson International Cancer Conference, UK, The Cartography of Cancer: Mapping Tumours in 3D. Virtual Congress, July 12-13, ***2021***.
7. A. De Vito, R. Roncoroni, F. Pierin, G. Coco, **L. Mortara**, F. Acquati. 27th Congress of the European Association for Cancer Research (EACR), Virtual Congress, June 9-12, ***2021***.
8. M. Gallazzi, D. Baci, **L. Mortara**, A. Bosi, G. Buono, A. Naselli, A. Guarneri, F. Dheò, P. Capogrosso, A. Albini, D.M. Noonan, A. Bruno. Peripheral blood Natural Killer cells in prostate cancer patients acquire the decidual-like $CD56^{bright}CD9^{+}CD49a^{+}$ phenotype and support angiogenesis in vitro, acting on endothelial cells and polarizing macrophages toward the M2-like/TAM phenotype. XIIth SIICA National Congress (the Italian Society of Immunology, Clinical Immunology and Allergology). Virtual Congress, May 26-28, ***2021***.
9. D. Gallo, F. Pierin, G. Coco, M. Gallazzi, A. Lai, M.L. Tanda, A. Bruno, E. Piantanida, **L. Mortara**. Natural Killer cells as possible mediators of Graves' disease cure. XIIth SIICA National Congress (the Italian Society of Immunology, Clinical Immunology and Allergology). Virtual Congress, May 26-28, ***2021***.
10. A. De Vito, R. Roncoroni, M. Gallazzi, F. Pierin, G. Coco, **L. Mortara**, F. Acquati. The RNASET2 oncosuppressor protein regulates both macrophage differentiation and polarization in human macrophages. VIB Conference, Gent, Belgium, Tumor Heterogeneity, Plasticity and Therapy. Virtual Edition, May 5-6, ***2021***.
11. A. De Vito, P. Orecchia, D. Scaldaferri, E. Balza, R. Taramelli, D.M. Noonan, F. Acquati, **L. Mortara**. The oncosuppressive role of RNASET2 gene in a mouse tumor syngeneic. II Joint Meeting of the German Society for Immunology and the Italian Society of Immunology, Clinical Immunology and Allergology (48th Annual Meeting of the German Society for Immunology), Munich, September 9-13, ***2019***.
12. **L. Mortara**, M. Gallazzi, D. Baci, A. Bosi, A, Albini, D.M. Noonan, A. Bruno. Tumor associated Natural Killer cells in prostate cancer are endowed with decidual-like phenotype and pro-angiogenic function. II Joint Meeting of the German Society for Immunology and the Italian Society of Immunology, Clinical Immunology and Allergology (48th Annual Meeting of the German Society for Immunology), Munich, September 9-13, ***2019***.
13. D. Gallo, E. Piantanida, S.A.M. Cattaneo, L. Gentile, F. Merletti, M. Nisi, M. Dodaj, M.L. Tanda, R. Chianese, D.M. Noonan, L. Bartalena, **L. Mortara**. The interplay between Natural Killer and T regulatory cells, micronutrients and markers of disease severity in newly diagnosed Graves' disease patients. II Joint Meeting of the German Society for Immunology and the Italian Society of Immunology, Clinical Immunology and Allergology (48th Annual Meeting of the German Society for Immunology), Munich, September 9-13, ***2019***.
14. D. Gallo, S.A.M. Cattaneo, E. Piantanida, **L. Mortara**, F. Merletti, M. Nisi, L. Gentile, M. Dodaj, M.L. Tanda, L. Bartalena, R. Chianese. The relationship Between Graves' Disease, micronutrients and T regulatory cells: preliminary data of a pilot study. XXXVII National Conference the Italian Society of Cytometry GIC, Paestum, Italy, May 28-31, pp. 40, ***2019***.
15. D. Scaldaferri, A. De Vito, E. Balza, R. Taramelli, D.M. Noonan, F. Acquati, **L. Mortara**. Establishment of a mouse syngeneic model to investigate the oncosuppressive role of the RNASET2 gene. 5th International Conference of translational medicine on pathogenesis and therapy of immunomediated diseases, SIICA, University of Milan, Milan, Italy, May 16-18, poster P078, pp. 99, ***2019***
16. D. Gallo, S.A.M. Cattaneo, J. Sabatino, L. Gentile, F. Merletti, M. Nisi, C. Peruzzo, M. Ferrario, D.M. Noonan, L. Bartalena, **L. Mortara**, E. Piantanida. Immune-regulatory phenotype of newly diagnosed Graves' disease, with special regards to micronutrients: preliminary data from a pilot study. 5th International Conference of translational medicine on pathogenesis and therapy of immunomediated diseases SIICA, University of Milan, Milan, Italy, May 16-18, poster P009, pp. 9, ***2019.***

17. A. Bruno, D. Baci, M. Gallazzi, **L. Mortara**, D.M. Noonan, A. Abini. Prostate cancer associated NK cells are endowed with pro-angiogenic phenotype/functions and induce M2-like macrophage polarization. 5th International Conference of translational medicine on pathogenesis and therapy of immunomediated diseases, SIICA, University of Milan, Milan, Italy, May 16-18, poster P079, pp. 100, ***2019.***
18. A. Bruno, B. Bassani, G. Pelosi, L. Boni, L. Dominioni, **L. Mortara**, D.M. Noonan, A. Albini. Colorectal cancer associated Natural Killer cells are endowed by pro-metastatic and proangiogenic phenotype/functions by upregulating the MMP9-TIMP2 and Angiogenin axis. Clinical & Experimental Metastasis (Vol. 36) 2 pp.: 139-139, APR **2019**.
19. D. Baci, M. Gallazzi, **L. Mortara**, A. Abini, D.M. Noonan, A. Bruno. Pro-inflammatory and pro-angiogenic properties of tumour associated natural killer cells in prostate cancer. Georgia World Congress Center. Atlanta, Georgia, USA. March 29-April 3, ***2019***.
20. A. Bruno, M. Gallazzi, **L. Mortara**, L. Boni, D.M. Noonan, A. Albini. Angiogenin and the MMP9-TIMP2 axis are up-regulated in proangiogenic, decidual NK-like cells from patients with colorectal cancer. XVI NIBIT, Network Italiano per la Bioterapia dei Tumori, San Raffaele Congress Center, Milan, Italy, October 11-13, pp. 7, ***2018***
21. A. Bosi, S. Zanellato, M. Gallazzi, A. Imperatori, L. Dominioni, A. Albini, D.M. Noonan, A. Bruno, **L. Mortara**. Natural killer cells from malignant pleural effusion show a decidual-like phenotype and an alternative activatory state. XVI NIBIT, Network Italiano per la Bioterapia dei Tumori, San Raffaele Congress Center, Milan, Italy, October 11-13, pp. 33, ***2018***
22. **L. Mortara**, A. Bosi, S. Zanellato, M. Gallazzi, M. De Leo, A. Imperatori, L. Dominioni, A. Albini, D.M. Noonan, A. Bruno. Natural killer cells from malignant pleural effusion are switched toward an NK proaniogenic polarization. 60th SIC, Milan, Italy, September 19-22, pp. 93, ***2018***
23. D. Baci, A. Bruno, B. Bassani, M. Tramacere, **L. Mortara**, A. Albini, D.M. Noonan. VEGFR2 and CXCR4 pathways are modulated by acetyl-l-Carnitine that acts as an anti-angiogenic agent. 60th SIC, Milan, Italy, September 19-22, pp. 95, ***2018***
24. A. Bruno, B. Bassani, M. Gallazzi, G. Pelosi, L. Boni, L. Dominioni, **L. Mortara**, D.M. Noonan, A. Albini. Tumor infiltrating (TINKs) and tumor associated (TANKs) from colorectal cancer patients are proangiogenic and express angiogenin and the MMP9-TIMP2, similar to decidual NK cells. 60th SIC, Milan, Italy, September 19-22, pp. 95, ***2018***
25. D. Scaldaferri, E. Piscitelli, L. Pulze, L. Monti, E. Pedrini, A. De Vito, P. Pelucchi, M. Moro, M. Crosti, A. Gritzapis, T. Karnavas, I. Missitzis, A. Zippo, E. Balza, I. Zucchi, R. Reinbold, M. De Eguileor, D.M. Noonan, **L. Mortara**, R. Taramelli, F. Acquati. The pleiotropic roles of the human RNASET2 tumor suppressor gene. XV FISV, Federazione Italiana di Scienze della Vita, Congress Sapienza University of Rome, Italy, September 18-21, pp. 96, ***2018***
26. A. Bruno, G. Pelosi, L. Boni, L. Dominioni, **L. Mortara**, D.M. Noonan, A. Albini. Angiogenin and the MMP9-TIM2 axis are strongly upregulated in pro-angiogenic dNK-like cells isolated from colorectal cancer patients. AACR Chicago, USA, April, ***2018***
27. A. Bruno, **L. Mortara**, D.M. Noonan, A. Albini. *The pro-angiogenic phenotype and functions of colorectal cancer Tumour infiltrating (TINKs) and Tumour associated (TANKs) Natural Killer cells.* 8th Milan Meets Immunology (MMI) Meeting, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy, February 26, pp. , ***2018***
28. A. Bruno, A. Bosi, A. Imperatori, L. Dominioni, A. Albini, **L. Mortara**, D.M. Noonan. *Pleural effusion NK cells from metastatic tumours show pro-angiogenic features and pleural effusion fluids block their response to IL-2 tretment*. Young Scientist Meeting SIPMeT, Società Italiana di Patologia e Medicina Traslazionale, University of Milan, 'La Statale', Milan, Italy, September 15, 16, ***2017***
29. S. Zanellato, B. Bassani, A. Bosi, A. Musco, D.G. D'Urso, M. Cattoni, C. Sampietro, A. Imperatori, L. Dominioni, A. Albini, A. Bruno, **L. Mortara**, D.M. Noonan. *Pleural effusion NK cells from metastatic tumors display pro-angiogenic features and pleural effusion fluids block their response to IL-2 treatment.* XIth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Bari, Italy, May 28-31, pp. 53, ***2017***
30. A. Bruno, B. Bassani, D.G. D'Urso, S. Zanellato, I. Aida, L. Boni, **L. Mortara**, A. Albini, D.M. Noonan. *STAT3 and STAT5 drive the pro-angiogenic NK cell polarization in colorectal cancer patients*. XIth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Bari, Italy, May 28-31, pp. 52, ***2017***

31. **L. Mortara**, S. Zanellato, A. Bosi, M. De Leo, A. Bruno, B. Bassani, A. Imperatori, A. Albini, D.M. Noonan. *Decreased cytotoxic capacity and increased decidual-like phenotype in natural killer cells from patients with either malignant or inflammatory pleural effusions*. Annual Meeting of the French Society for Immunology (SFI). Paris, France, November 28-30, pp. 66-67, ***2016***
32. **L. Mortara**, S. Zanellato, A. Poggi, D. Reverberi, A. Rubartelli, E. Balza. *Early cooperation of natural killer and dendritic cells during the antitumor therapeutic response induced by TNFa tumor vessel delivery and melphalan*. Annual Meeting of the French Society for Immunology (SFI). Paris, France, November 28-30, pp. 173-174, ***2016***
33. B. Bassani, A. Bruno, D.G. D'Urso, S. Zanellato, E. Gini, E. Cassinotti, L. Boni, ***L. Mortara***, A. Albini, D.M. Noonan. *The pro-angiogenic phenotype and functions of colorectal cancer Tumour infiltrating (TINKs) and tumour associated (TANKs) Natural Killer cells*. 58th Annual Meeting of the Italian Cancer Society (SIC), Verone, Italy, September 5-8, pp. 145-146, ***2016***
34. S. Zanellato, A. Musco, A. Bruno, B. Bassani, C. Sampietro, M. Cattoni, A. Imperatori, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells from patients with malignant or inflammatory pleural effusions display decreased cytotoxicity and decidual NK-like phenotype*. 24th Biennial Congress of the European Association for Cancer Research (EACR), Manchster UK, July 9-12, Poster Sessions/European Journal of Cancer, 61, Suppl. 1 (2016) S9-S218, pp. S211, ***2016***
35. S. Zanellato, E. Balza, A. Poggi, D. Reverberi, A. Rubartelli, ***L. Mortara***. *Early functional activation of natural killer cell and dendritic cell during the antitumor therapeutic response induced by TNFa tumor vessel delivery and melphalan*. 24th Biennial Congress of the European Association for Cancer Research (EACR), Manchster UK, July 9-12, Poster Sessions/European Journal of Cancer 61, Suppl. 1 (2016), pp. S212, ***2016***
36. A. Bruno, B. Bassani, D. D'Urso, L. Boni, ***L. Mortara***, D.M. Noonan, A. Albini. *Tumour infiltrating (TINKs) and tumour associated (TANKs) natural killer cells: a new paradigm in colorectal cancer angiogenesis*. 24th Biennial Congress of the European Association for Cancer Research (EACR), Manchster UK, July 9-12, Poster Sessions/European Journal of Cancer 61, Suppl. 1 (2016), pp. S216, ***2016***
37. E. Balza, S. Zanellato, A. Poggi, D. Reverberi, A. Rubartelli, ***L. Mortara***. *Early triggering of natural killer and dendritic cell during antitumor therapeutic response induced by TNFa tumor vessel delivery and melphalan*. Xth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Abano Terme, Italy, May 25-28, pp. 19, ***2016***
38. S. Zanellato, A. Musco, A. Bruno, B. Bassani, M. Cattoni, C. Sampietro, A. Imperatori, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells from patients with either malignant or inflammatory pleural effusions display decreased cytotoxic capacity and decidual-like phenotype*. Xth National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Abano Terme, Italy, May 25-28, pp. 77, ***2016***
39. E. Balza, S. Zanellato, A. Poggi, D.M. Noonan, A. Rubartelli, ***L. Mortara***. *Early DC and NK cell activation during anticancer therapeutic response induced by TNFa tumor vessel delivery and melphalan*. 4th ECI, Vienna, Austria, September 6-9, PD.06.05, pp. 185, ***2015***
40. S. Zanellato, A. Bruno, M. Cattoni, B. Bassani, A. Imperatori, L. Dominioni, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells from malignant pleural effusions show a decidual-like, pro-angiogenic phenotype*. 4th ECI, Vienna, Austria, September 6-9, PC.10.06, pp. 333, ***2015***
41. S. Zanellato, A. Bruno, B. Bassani, L. Dominioni, L. Boni, E. Cassinotti, G. David, A. Albini, ***L. Mortara***, D.M. Noonan. *The role of tumor infiltrating and tumor associated natural killer cells in promotion of angiogenesis in colorectal cancer patients*. 4th ECI, Vienna, Austria, September 6-9, PC.10.07, pp. 333, ***2015***
42. A. Bruno, S. Zanellato, L. Dominioni, L. Boni, E. Cassinotti, G. David, E. Zanetti, ***L. Mortara***, A. Albini, D.M. Noonan, *The pro angiogenic phenotype and function of tumor infiltrating (TINKs) and tumor associated (TANKs) Natural Killer cells in colorectal cancer*. 57th Annual Meeting of the Italian Cancer Society (SIC), Florence, Italy, June 20-23, pp. 186, ***2015***
43. A. Bruno, B. Bassani, S. Zanellato, ***L. Mortara***, A. Imperatori, D.M. Noonan, A. Albini. *The TINK/TANK pro-angiogenic phenotype in colorectal cancer: a new player in the orchestration of the inflammatory "angiogenic switch"*. Workshop SIICA. Certosa di Pontignano, Siena, Italy, May 25-27, pp. ***2015***
44. A. Bruno, B. Bassani, S. Zanellato, S. Canali, L. Dominioni, L. Boni, E. Cassinotti, G. David, A.K. Dallaglio, ***L. Mortara***, D.M. Noonan, A. Albini. *Tumor infiltrating (TINKs) and tumor associated (TANKs) natural killer cells: a new player in the inflammatory orchestration of tumor angiogenesis in colon-cancer*.

105th Annual meeting of the American-Association-for-Cancer-Research (AACR), Philadelphia, USA, April 22-24, pp. ***2015***

45. ***L. Mortara***, S. Zanellato, A. Bruno, A. Imperatori, M. Cattoni, C. Sampietro, N. Rotolo, L. Dominioni, A. Albini, D.M. Noonan. *The CD56^{bright}CD16^{-} natural killer cell subset predominates in malignant pleural effusions of cancer patients and is characterized by a pro-angiogenic phenotype*. Joint Annual Meeting of the French Society for Immunology (SFI) and the French Cytometry Association (AFC). Lille, France, November 4-6, p. 207, ***2014***
46. ***L. Mortara***, A. Bruno, S. Zanellato, A. Pagani, S. Canali, L. Dominioni, E. Cassinotti, G. David, A. Albini, D.M. Noonan. *Tumor-infiltrating natural killer (NK) cells in colorectal cancer patients are skewed towards a CD56^{bright}CD16^{-} decidual-like NK cell phenotype and are characterized by a pro-angiogenic function*. Joint Annual Meeting of the French Society for Immunology (SFI) and the French Cytometry Association (AFC). Lille, France, November 4-6, p. 208, ***2014***
47. ***L. Mortara***. *Natural killer cells from malignant pleural effusions are characterized by a CD56^{bright}CD16^{-} pro-angiogenic phenotype*. 3rd Conference of translational medicine on pathogenesis and therapy of immune-mediated diseases. Workshop SIICA. Rozzano, Milan, Italy, September 29, 30 - October 1, p. 35, ***2014***
48. S. Zanellato, A. Bruno, A. Imperatori, M. Cattoni, C. Sampietro, N. Rotolo, L. Dominioni, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells from malignant pleural effusions are responsive to interleukin-2 but are endowed with a potent pro-angiogenic phenotype*. 56th Annual Meeting of the Italian Cancer Society (SIC), Ferrara, Italy, September 11-13, p. 129, ***2014***
49. A. Bruno, S. Canali, S. Zanellato, C. Focaccetti, L. Dominioni, L. Boni, E. Cassinotti, G. David, ***L. Mortara***, D.M. Noonan, A. Albini. *Tumor infiltrating natural killer cells (TINKs): a new player in theinflammatory orchestration of cancer progression*. 56th Annual Meeting of the Italian Cancer Society (SIC), Ferrara, Italy, September 11-13, p. 134, ***2014***
50. A. Bruno, A. Pagani, S. Zanellato, S. Canali, L. Dominioni, E. Cassinotti, G. David, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells infiltrating colo-rectal cancer are switched towards the decidual-like pro-angiogenic CD56^{bright}CD16^{-} NK cell subset*. IX° National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Florence, Italy, May 28-31, p. 59, ***2014***. Oral presentation
51. ***L. Mortara***, S. Zanellato, A. Bruno, A. Imperatori, M. Cattoni, C. Sampietro, N. Rotolo, L. Dominioni, A. Albini, D.M. Noonan. *Natural killer cells from pleural effusions are responsive to interleukin-2 but are endowed with a potent pro-angiogenic feature*. IX° National Conference of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), Florence, Italy, May 28-31, p. 91, ***2014***
52. A. Bruno, S. Zanellato, A. Pagani, S. Canali S, L. Dominioni L, E. Cassinotti E, G. David, A. Albini, D.M. Noonan, ***L. Mortara***. *Natural killer cells infiltrating colorectal cancers are skewed to a pro-angiogenic phenotype*. 3rd International Conference on Translational Research in Oncology, Meldola-Forlì, Italy, May 6-9, p. 00, ***2014***
53. ***L. Mortara***, P. Orecchia, P. Castellani, L. Borsi, B. Carnemolla, E. Balza. *Schedule-dependent of tumor therapeutic of L19TNF-alpha and melphalan combined with gemcitabine*. 55th Annual Meeting of the Italian Cancer Society (SIC), Catanzaro, Italy, Setpember 23-26, p. 101, ***2013***
54. A. Bruno, A. Pagani, D. Briga, A. Imperatori, A.R. Cantelmo, ***L. Mortara***, C. Capella, G. Ferlazzo, D.M. Noonan, A. Albini. *The role of natural killer cells in lung cancer angiogenesis*. 55th Annual Meeting of the Italian Cancer Society (SIC), Catanzaro, Italy, Setpember 23-26, p. 107, ***2013***
55. ***L. Mortara***, P. Orecchia, P. Castellani, L. Borsi, B. Carnemolla, E. Balza. *Schedule-dependent anticancer therapy by targeting TNF-alpha to tumor vessels in combination with melphalan and gemcitabine*. 15th International Congress of Immunology (ICI), Milan, Italy, August 22-27, p. 935, ***2013***
56. A. Bruno, C. Focaccetti, A. Pagani, A. Imperatori, A.R. Cantelmo, C. Capella, G. Ferlazzo, ***L. Mortara***, A. Albini, D.M. Noonan. *Innate immunity driving tumor angiogenesis: the role of natural killer cells in nonsmall cell lung cancer (NSCLC)*. 15th International Congress of Immunology (ICI), Milan, Italy, August 22-27, p. 40, ***2013***
57. A. Albini, A. Bruno, A. Pagani, A. Imperatori, M. Spagnoletti, N. Rotolo, A.R. Cantelmo, F. Franzi, C. Capella, G. Ferlazzo, ***L. Mortara***, D.M. Noonan. *Innate immunity driving tumor angiogenesis: the role of natural killer cells in non-small cell lung cancer (NSCLC).* 104th Annual meeting of the American-Association-for-Cancer-Research (AACR), Washington, DC, USA, April 06-10. **Cancer Res**. 73 (8, Suppl. 1): 2303-2303, ***2013***

58. ***L. Mortara***, L. Borsi, P. Orecchia, P. Castellani, B. Carnemolla, E. Balza. *Preclinical studies on murine tumor models with combined administration of gemcitabine and L19mTNF-alpha/melphalan therapy*. 54th Annual Meeting of the Italian Cancer Society (SIC), Bologna, Italy, October 1-4, p. 116, ***2012***
59. A. Bruno, C. Focaccetti, A. Pagani, A. Imperatori, A.R. Cantelmo, C. Capella, G. Ferlazzo, ***L. Mortara***, A. Albini, D.M. Noonan. *The pro-angiogenic phenotype of natural killer cells infiltrating squamous cell carcinoma lung cancer*. 54th Annual Meeting of the Italian Cancer Society (SIC), Bologna, Italy, October 1-4, p. 129, ***2012***
60. A. Bruno, C. Focaccetti, A. Pagani, A. Imperatori, M. Spagnoletti, N. Rotolo, A.R. Cantelmo, F. Franzi, C. Capella, G. Ferlazzo, ***L. Mortara***, A. Albini, M.D. Noonan. *Proffered Paper: The pro-angiogenic phenotype of natural killer cells infiltrating squamous cell carcinoma lung cancer*. 22th Biennial Congress of the European Association for Cancer Research (EACR), Barcelona, Spain, July 7-10, **Eur. J. Cancer** 48 (S5) p. S18-S18, ***2012***
61. A. Bruno, C. Focaccetti, A. Pagani, A. Imperatori, M. Spagnoletti, G. Ferlazzo, ***L. Mortara***, F. Franzi, C. Capella, A. Albini, L. Dominioni, M.D. Noonan. *Phenotypic and functional characterization of tumor infiltrating natural killer cells: role in tumor angiogenesis*. 53th Annual Meeting of the Italian Cancer Society (SIC), Turin, Italy, October 19-22, p. 98, ***2011***
62. L. Nespoli, F.P. Pellegrini, M. Marinoni, A.P. Verri, ***L. Mortara,*** V. Frangione, R.S. Accolla. *Quantitative and functional evaluation of circulating T regulatory cells in Down syndrome*. 14th SSBP (Society for the Study of Behavioural Phenotypes) International Research Symposium, Brisbane, Australia, October 5-6, **Journal of Intellectual Disability Research** vol. 55 (part 10) p. 953, ***2011***
63. A. Bruno, C. Focaccetti, A. Pagani, A. Imperatori, M. Spagnoletti, G. Ferlazzo, ***L. Mortara***, F. Franzi, C. Capella, A. Albini, L. Dominioni, M.D. Noonan. *Phenotypic and functional characterization of tumor infiltrating natural killer cells: role in tumor angiogenesis*. Joint Annual Meeting of SIICA and German Society for Immunology (DGfI), Riccione, Italy, September 28-October 1. **Minerva Medica** 102 (suppl. 1) (5), p. 8, ***2011***
64. ***L. Mortara***, R.S. Accolla, L. Moretta, M.C. Mingari, G. Ferlazzo, B. Morandi. *In vivo evidence of the NK cell-mediated dendritic cell editing: implications for an improved strategy of cancer vaccination.* Joint Annual Meeting of SIICA and German Society for Immunology (DGfI), Riccione, Italy, September 28-October 1. **Minerva Medica** 102 (suppl. 1) (5), p. 189, ***2011***
65. S. Laurent, P. Carrega, D. Saverino, P. Piccioli, M. Camoriano, A. Morabito, B. Dozin, V. Fontana, R. Simone, ***L. Mortara***, M.C. Mingari, G. Ferlazzo, M.P. Pistillo. Il recettore *CTLA-4 è espresso dalle cellule dendritiche umane e ne regola le funzioni*. 83th National Congress of SIBS (Società Italiana di Biologia Sperimentale) "Environment, Health, Nutrition", Genoa, Italy, October 21-23, ***2010***
66. S. Laurent, P. Carrega, D. Saverino, P. Piccioli, M. Camoriano, A. Morabito, B. Dozin, V. Fontana, R. Simone, ***L. Mortara***, M.C. Mingari, G. Ferlazzo, M.P. Pistillo. *CTLA-4 expressed by human dendritic cells modulates their cytokine secretion and induction of T cell proliferation*. 52th Annual Meeting of the Italian Cancer Society (SIC), Rome, Italy, October 4-7, p. 55, ***2010***
67. ***L. Mortara***, V. Frangione, G. Capone, P. Castellani, A. De Lerma Barbaro, R.S. Accolla. *Antitumor vaccines and immunotherapeutic strategies based on CIITA-driven MHC class II espression in cancer cells*. 52th Annual Meeting of the Italian Cancer Society (SIC), Rome, Italy, October 4-7, p. 99, ***2010***
68. A. Bruno, A. Ventura, C. Focaccetti, A. Pagani, ***L. Mortara***, S. Tenconi, V. Conti, M. Cilli, L. Chiossone, E. Vivier, L. Boni, A. Imperatori, A. Albini, D.M. Noonan. *NK cells-modulation of tumor angiogenesis.* 52th Annual Meeting of the Italian Cancer Society (SIC), Rome, Italy, October 4-7, p. 78, ***2010***
69. G. Musolino, ***L. Mortara***, E. Dozio, F. Pellegrini, A. Toniolo, R.S. Accolla, A. Salvatoni. *Prolonged temporary remission in T1DM patients is associated to a distinctive Treg phenotype*. 49th Annual Meeting of European Society for Paediatric Endocrinology (ESPE), Prague, Czech Republic, September 22-25, p. 41, ***2010***
70. ***L. Mortara***, V. Frangione, P. Castellani, G. Capone, A. De Lerma Barbaro, R.S. Accolla. *CIITA-driven MHC-II$^+$ tumor cells: preventive vaccines and superior generators of anti-tumor CD4$^+$ T lymphocytes for immunotherapy*. 14th International Congress of Immunology (ICI), Kobe, Japan, August 22-27, **International Immunology** 22 (Suppl. 1), Day 3, p. iii163, ***2010***
71. B. Morandi, ***L. Mortara***, R.S. Accolla, L. Moretta, M.C. Mingari, G. Ferlazzo. *In vivo evidence of the NK cell-mediated dednritic cell editing: implications for an improved strategy of cancer vaccination.* 14th International Congress of Immunology (ICI), Kobe, Japan, August 22-27, **International Immunology** 22 (Suppl. 1), Day 2, p. ii20, ***2010***

72. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Therapy-induced antitumor vaccination in neuroblastomas by the combined targeting of IL-2 and TNF-α.* 14th International Congress of Immunology (ICI), Kobe, Japan, August 22-27, **International Immunology** 22 (Suppl. 1), Day 1, p. i175, ***2010***
73. ***L. Mortara***, P. Castellani, R. Meazza, G. Tosi, A. De Lerma Barbaro, Procopio F.A., A. Comes, L. Zardi, S. Ferrini, R.S. Accolla. *CIITA-induced MHC class II expression in mammary adenocarcinoma leads to a Th1 polarization of the tumor microenvironment, tumor rejection, and specific anti-tumor memory*. First Joint Summer School on Breast Cancer, Induno Olona, Varese, Italy, June 10-11, **Syllabus of the Meeting** p. 5-13, ***2010***
74. V. Frangione, ***L. Mortara***, P. Castellani, A. De Lerma Barbaro, and R.S. Accolla. *CIITA-driven MHC-II positive tumor cells: preventive vaccines and superior generators of antitumor CD4+ T lymphocytes for immunotherapy.* First Joint Summer School on Breast Cancer, Induno Olona, Varese, Italy, June 10-11, **Syllabus of the Meeting** p. 66-76, ***2010***
75. ***L. Mortara***, E. Balza, F. Sassi, P. Castellani, B. Carnemolla, A. De Lerma Barbaro, S. Fossati, G. Tosi, R.S. Accolla, and L. Borsi. *Therapy-induced antitumor vaccination by targeting tumor necrosis factor α to tumor vessels in combination with melphalan*. First Joint Summer School on Breast Cancer, Induno Olona, Varese, Italy, June 10-11, **Syllabus of the Meeting** p. 98-109, ***2010***
76. **L. Mortara,** V. Frangione, P. Castellani, A. De Lerma Barbaro, and R.S. Accolla. *Irradiated CIITA-positive mammary adenocarcinoma cells act as a potent antitumor preventive vaccine by inducing tumor-specific CD4+ T cell priming and CD8+ T cell effector functions*. First Joint Summer School on Breast Cancer, Induno Olona, Varese, Italy, June 10-11, **Syllabus of the Meeting** p. 110-120, ***2010***
77. ***L. Mortara***, V. Frangione, G. Capone, P. Castellani, A. De Lerma Barbaro, R.S. Accolla. *CIITA-driven MHC class II expressing tumor cells of distinct hystotype act as a potent antitumor vaccine and as a superior generators of tumor-specific CD4+ T lymphocytes for immunotherapy*. 7th National Confernce of SIICA, Bari, Italy, May 26-29, p. 3-4, ***2010***. Oral Presentation
78. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Effective immunotherapy of neuroblastomas by the combined targeting of IL-2 and TNF-α.* 7th National Confernce of SIICA, Bari, Italy, May 26-29, p. 10, ***2010***
79. A. Bruno, A. C. Focaccetti, A. Pagani, ***L. Mortara***, S. Tenconi, V. Conti, A. Albini, L. Boni, A. Imperatori, D.M. Noonan. *Functional and phenotypic characterization of tumor infiltrating NK cells.* 7th National Confernce of SIICA, Bari, Italy, May 26-29, p. 66, ***2010***
80. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Therapy-induced antitumor vaccination in neuroblastomas by the combined targeting of IL-2 and TNF-α.* 51th Annual Meeting of the Italian Cancer Society (SIC), Milan, Italy, November 23-26, p. 47-48, ***2009***
81. ***L. Mortara***, V. Frangione, P. Castellani, A. De Lerma Barbaro, R.S. Accolla. *Non-replicating MHC Class II-CIITA-positive mammary adenocarcinoma cells act as an effective anti-tumor-preventive vaccine by inducing long-lasting tumor-specific CD8+ T cells and potent CD4+ T helper cells*. 51th Annual Meeting of the Italian Cancer Society (SIC), Milan, Italy, November 23-26, p.13, ***2009***. Oral Presentation
82. A. Bruno, A. C. Focaccetti, A. Pagani, ***L. Mortara***, S. Tenconi, V. Conti, A. Albini, L. Boni, A. Imperatori, D.M. Noonan. *Functional and phenotypic characterization of tumor infiltrating NK cells to identify novel targets for anticancer therapy.* 51th Annual Meeting of the Italian Cancer Society (SIC), Milan, Italy, November 23-26, p. 96, ***2009***
83. ***L. Mortara***, V. Frangione, P. Castellani, A. De Lerma Barbaro, R.S. Accolla. *Irradiated CIITA-positive mammary adenocarcinoma cells act as a potent antitumor preventive vaccine by inducing tumor-specific CD4+ T cell priming and CD8+ T cell effector functions.* 2nd European Congress of Immunology (EFIS), Berlin, Germany, September 13-16, **Eur. J. Immunol**. (suppl.) 1/09; 39:S1, p. S722, ***2009***
84. V. Frangione, ***L. Mortara***, P. Castellani, A. De Lerma Barbaro, R.S. Accolla. *Tumor rejection and anti-tumor memory to cancer cells of different histotype genetically modified to express CIITA-driven autologous MHC class II genes. A new strategy of anti-tumor vaccination and tumor immunotherapy*. 2nd European Congress of Immunology (EFIS), Berlin, Germany, September 13-16, **Eur. J. Immunol**. (suppl.) 1/09; 39:S1, p. S600, ***2009***
85. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Tumor targeted IL-2 and TNF alpha trigger a synergistic T cell-mediated therapeutic effect against mouse neuroblastoma*. 2nd European Congress of Immunology (EFIS), Berlin, Germany, September 13-16, **Eur. J. Immunol**. (suppl.) 1/09; 39:S1, p. S524-S525, ***2009***

86. ***L. Mortara***, V. Frangione, P. Castellani, M. Pinter, A. De Lerma Barbaro, R.S. Accolla. *Irradiated CIITA-positive mammary adenocarcinoma cells act as effective tumor cell vaccine inducing both tumor-specific $CD4^+$ and $CD8^+$ T immune responses and tumor rejection upon challenge*. Club of Vaccinology of SFI, Paris, France, November 24, p. 25, ***2008***. Oral Presentation
87. V. Frangione, ***L. Mortara***, A. De Lerma Barbaro, R.S. Accolla. *The immunological basis of tumor rejection and anti-tumor memory to neoplasias of different histotype genetically modified to express CIITA-driven autologous MHC class II genes.* Club of Vaccinology of SFI, Paris, France, November 24, p. 38, ***2008***
88. ***L. Mortara,*** E. Balza, F. Sassi, S. P. Castellani, B. Carnemolla, A. De Lerma Barbaro, S. Fossati, G. Tosi, R.S. Accolla, L. Borsi. *Strong adaptive antitumor immune response elicited by targeting tumor necrosis factor a to tumor vessels in combination with melphalan*. Annual Meeting of the French Society for Immunology (SFI), Paris, France, November 25-27, p. 85, ***2008***
89. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Synergistic therapeutic effects of IL-2 and tumor necrosis factor a targeted to tumor neovasculature on mouse neuroblastoma models*. Annual Meeting of the French Society for Immunology (SFI), Paris, France, November 25-27, p. 86, ***2008***
90. E. Balza, B. Carnemolla, ***L. Mortara***, P. Castellani, D. Soncini, R.S. Accolla, L. Borsi. *Therapeutic effects of tumor targeted IL-2 and TNFa on mouse neuroblastoma*. 3rd European Conference on Tumor Angiogenesis and Anti-Angiogenic Therapy, Abano Terme, Padova, Italy, November 6-8, p. 64, ***2008***
91. R.S. Accolla, A. De Lerma Barbaro, ***L. Mortara***, C. Orlandi, V. Frangione, G. Tosi. *Imaging guided percutaneous microwave ablation of tumors*. Scientific Day of Centro Insubre di Biotecnologie per la Salute Umana (CIBSU), Varese, Italy, November 21, p. 22-25, ***2008***
92. A. Albini, G. Lorusso, A. Ventura, ***L. Mortara***, M.B. Sporn, A. Sica, D.M. Noonan. *Inflammation and inflammatory process in tumor angiogenesis and metastasis, mechanisms and prevention*. 8th International Conference of Anticancer Research, Kos, Greece, October 17-22, **Anticancer Research**, 28 (5C), p. 3423, ***2008***
93. F. Pellegrini, M. Marinoni, ***L. Mortara***, V. Frangione, R.S. Accolla, L. Nespoli. *Studio fenotipico e funzionale della popolazione dei linfociti T regolatori (CD4+ CD25HighFoxp3+) in pazienti affetti da sindrome di Down*. 64° Congresso Nazionale Società Italiana di Pediatria, Genova, Italy, October 15-18, **Minerva Pediatrica**, 60 (5), p.1288, ***2008***
94. ***L. Mortara***, E. Balza, F. Sassi, P. Castellani, B. Carnemolla, A. De Lerma Barbaro, S. Fossati, G. Tosi, R.S. Accolla, L. Borsi. *Tumor treatment by TNF-alpha targeted to tumor vessels and melphalan induces strong adaptive immune response, protection from tumor growth and anti-tumor memory*. Union International Contre le Cancer (UICC), Genève, Swizertland, August 27-31, FC-416, p. 111, ***2008***. Oral Presentation
95. V. Frangione, ***L. Mortara***, R.S. Accolla. *Tumor rejection and anti-tumor memory to neoplasias of different histotype genetically modified to express CIITA- autologous MHC class II genes. A new strategy of anti-tumor vaccination and tumor immunotherapy*. 6th National Conference of SIICA, Rome, Italy, June 11-14, **Minerva Medica**, 99, p. 24, ***2008***
96. A. Albini, C. Brigati, R. Dell'Eva, G. Lorusso, A. Ventura, ***L. Mortara***, U. Pfeffer, M. Morini, A. Mancino, A. Sica, D.M. Noonan. *Macrophage production of IL-12 is required for inhibition of angiogenesis by Angiostatin – The immune system as a key target for endogenous angiogenesis inhibitors.* 6th National Conference of SIICA, Rome, Italy, June 11-14, **Minerva Medica**, 99, p. 58, ***2008***
97. ***L. Mortara***, P. Castellani, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, L. Zardi, S. Ferrini, R.S. Accolla. *Protection from tumor growth and long-lasting antitumor immune memory induced by genetically modified mammary adenocarcinoma cells expressing the MHC class II transactivator CIITA*. 13th International Congress of Immunology (ICI), Rio de Janeiro, Brazil, August 21-25, Medimond s.r.l-Monduzzi Editore International Proceedings division, p. 131, ***2007***
98. R.S. Accolla, ***L. Mortara***, E. Balza, F. Sassi, P. Castellani, B. Carnemolla, A. De Lerma Barbaro, G. Tosi, L Borsi. Therapy-induced antitumor vaccination by targeting TNFa to tumor vessels in combination with melphalan. 13th International Congress of Immunology (ICI), Rio de Janeiro, Brazil, August 21-25, Medimond s.r.l-Monduzzi Editore International Proceedings division, p. 134, ***2007***
99. ***L. Mortara,*** E. Balza, F. Sassi, S. P. Castellani, B. Carnemolla, A. De Lerma Barbaro, S. Fossati, G. Tosi, R.S. Accolla, L. Borsi. *The immunological basis of therapy-induced antitumor vaccination by targeting tumor necrosis factor a to tumor vessels in combination with melphalan*. 5th National Conference of SIICA, Trieste, Italy, June 6-9, **Minerva Medica**, 98 (3) (suppl. 1), p. 20-21, ***2007***.
100. G. Tosi, E. Pilotti, L. Bozzo, ***L. Mortara***, A. De Lerma Barbaro, C. Casoli, R.S. Accolla. *Innate and*

adaptive immune function of the MHC class II transactivator, CIITA, against human tumor retroviruses HTLV-2 and HTLV-1. 5th National Conference of SIICA, Trieste, Italy, June 6-9, **Minerva Medica**, 98 (3) (suppl. 1), p. 46, ***2007***

101. B. Morandi, ***L. Mortara***, P. Carrega, A. S. Ferrini, R.S. Accolla, M.C. Mingari, L. Moretta, G. Ferlazzo. *NK cells provide a helper signal for CTL by inducing membrane-bound IL-15 on dendritic cells.* 5th National Conference of SIICA, Trieste, Italy, June 6-9, **Minerva Medica**, 98 (3) (suppl. 1), p. 32, ***2007***
102. G. Tosi, E. Pilotti, L. Bozzo, ***L. Mortara***, A. De Lerma Barbaro, C. Casoli, R.S. Accolla. The MHC class II transactivator, CIITA, blocks the transcriptional activity of both HTLV-2 Tax-2 and HTLV-1 Tax-1. 13th International Conference on Human Retrovirology, Hakone, Japan, May 22-25, p. 143, ***2007***.
103. E. Balza, ***L. Mortara,*** F. Sassi, S. Monteghirfo, B. Carnemolla, P. Castellani, R.S. Accolla, L. Zardi, L. Borsi. *Targeted delivery of TNF-alpha to tumor vessels induces a strong cell-mediated immune response against homologous and heterologous tumors*. Targeted therapies in cancer: myth or reality? Milan, Italy, September 4-5, p. 57, ***2006***
104. E. Balza, ***L. Mortara,*** F. Sassi, S. Monteghirfo, B. Carnemolla, P. Castellani, D. Neri, R.S. Accolla, L. Zardi, L. Borsi. *The immunological basis of tumor therapy by targeted delivery of TNFa to tumor vessels.* 10th Annual Meeting at The Institute of Human Virology, Baltimore, USA, November 17-21, **Retrovirology**, 3 (suppl. 1), p. P1, ***2006***. WOS:000203582000111
105. ***L. Mortara***, P. Castellani, G. Tosi, A. De Lerma Barbaro, S. Ferrini, L. Zardi, R.S. Accolla. *Tumor vaccination by CIITA-mediated MHC-II-expressing neoplastic cells*. 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (PD-3782) p. 576, ***2006***
106. ***L. Mortara***, E. Balza, F. Sassi, B. Carnemolla, P. Castellani, R.S. Accolla, L. Zardi, L. Borsi. *Tumor targeted delivery of TNFa induces a strong T-cell-mediated immune rejection response.* 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (PD-3840) p. 586, ***2006***
107. B. Morandi, ***L. Mortara***, P. Carrega, A. D'Agostino, R.S. Accolla, C. Mingari, L. Moretta, G. Ferlazzo. *NK cells provide a helper signal for CTL by inducing membrane-bound IL-15 on DCs: implications for cancer vaccines.* 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (WD107-605) p. 425, ***2006***
108. G. Tosi, E. Pilotti, ***L. Mortara***, A. De Lerma Barbaro, C. Casoli, R.S. Accolla. *Inhibition of human T-cell leukemia virus type 2 (HTLV-2) replication by the suppressive action of CIITA and NF-Y.* 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (PD-1779) p. 174, ***2006***
109. O.M. Diop, M.J.Y. Ploquin, ***L. Mortara***, A. Faye, P. Lebon, C. Butor, A. Hosmalin, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Increased frequencies of plasmacytoid dendritic cells in lymph nodes during non-pathogenic SIV infection*. 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (WA61-354) p. 222, ***2006***. Oral Presentation
110. A. De Lerma Barbaro, A. De Ambrosis, O. Aresu, F.A. Procopio. ***L. Mortara***, G. Tosi, B. Parodi, S. Ferrini, R.S. Accolla. *Characterization of an epigenetic variant lacking MHC-II inducibility by IFN-g in the promyelocytic cell line THP-1*. 16st European Congress of Immunology (ECI) and 1st Joint Meeting of European National Societies of Immunology (EFIS), Paris, France, September 6-9, (PD-2492) p. 329, ***2006***
111. G. Tosi, L. Bozzo, E. Pilotti, ***L. Mortara***, A. De Lerma Barbaro, C. Casoli, R.S. Accolla. *The MHC class II transactivator CIITA inhibits HIV-1 and HTLV-2 replication through different molecular mechanisms.* AIDS Vaccines 2006, Amsterdam, The Netherlands, August, ***2006***
112. G. Ferlazzo, B. Morandi, ***L. Mortara***, P. Carrega, L. Moretta. *Recognition of cancer cells by natural killer (NK) cells provide a helper signal for tumor-specific $CD8^+$ T cells by inducing maturation and αchain-independent expression of membrane-bound IL-15 on dendritic cells: Evidences for a regulatory role of NK cells in cancer vaccines.* 6th Annual Meeting FOCIS Congress, S. Francisco, CA, USA, June 1-5, ***2006***
113. R.S. Accolla, G. Tosi, A. De Lerma Barbaro, P. Castellani, S. Ferrini, L. Zardi, ***L. Mortara***. *Ciita-induced Mhc class II expression in mammary adenocarcinoma leads to a Th1 polarization of the tumor microenvironment, tumor rejection and specific anti-tumor memory.* 97th Annual Meeting of the American Association for Cancer Research (AACR), Washington, DC, USA, April 1-5, Abs. 176-1, p. 552, ***2006***
114. O.M. Diop, M.J.Y. Ploquin, ***L. Mortara***, A. Faye, P. Lebon, C. Butor, A. Hosmalin, F. Barré-Sinoussi, M.C. Müller-Trutwin. *DC dynamics and IFNa production during SIVagm infection in African green*

monkeys. 23rd Annual Symposium on Nonhuman Primate Models for AIDS, Portland, Oregon, USA, September 21-24, 2005. **J. Medical Primatology**, 35 (4-5), p. 277-278, ***2006***

115. ***L. Mortara***, P. Castellani, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, L. Zardi, S. Ferrini, R.S. Accolla. *A new strategy of tumor vaccination based on mammary adenocarcinoma cells transduced with the MHC class II transactivator CIITA*. 14th International HLA and Immunogenetics Workshop and Conference, Melbourne, Australia, December 4-8, **Tissue Antigens**, 66 (5), p. 343, ***2005***

116. A. De Lerma Barbaro, F.A. Procopio, ***L. Mortara***, G. Tosi, R.S. Accolla. *Phorbol esther-induced differentiation in human macrophages reveals the existence of factors destabilizing MHC class II transactivator (CIITA) mRNA*. 14th International HLA and Immunogenetics Workshop and Conference, Melbourne, Australia, December 4-8, **Tissue Antigens**, 66 (5), p. 343-344, ***2005***

117. G. Tosi, A. De Lerma Barbaro, ***L. Mortara***, R.S. Accolla. *The MHC class II transactivator is a strong physiologic antagonist of HIV-1 replication*. 14th International HLA and Immunogenetics Workshop and Conference, Melbourne, Australia, December 4-8, **Tissue Antigens**, 66 (5), p. 344, ***2005***

118. G. Tosi, E. Pilotti, A. De Lerma Barbaro, ***L. Mortara***, C. Casoli, R.S. Accolla. *The molecular basis of the inhibition of HTLV-2 retroviral replication by the MHC class II transactivator (CIITA).* 14th International HLA and Immunogenetics Workshop and Conference, Melbourne, Australia, December 4-8, **Tissue Antigens**, 66 (5), p. 343, ***2005***

119. O.M. Diop, M.J.Y. Ploquin, ***L. Mortara***, A. Faye, P. Lebon, C. Butor, A. Hosmalin, F. Barré-Sinoussi, M.C. Müller-Trutwin. *DC dynamics and IFNa production in AIDS resistant SIV-infected African monkeys.* Congrès de la Société Française d'Immunologie et du Club Francophone des Cellules Dendritiques, Toulouse, November 15-18, ***2005***

120. ***L. Mortara***, P. Castellani, R. Meazza, A. De Lerma Barbaro, G. Tosi, F.A. Procopio, A, L. Zardi, S. Ferrini, R.S. Accolla. *A new strategy of tumor vaccination based on tumor cells transduced with the MHC class II transactivator CIITA.* Cancer Vaccine 2005: Barriers, Endpoints and Opportunities, Cancer Research Institute, 13th CRI International Cancer Immunotherapy Symposia Series, New York City, USA, October 5-7, p. P02, ***2005***

121. ***L. Mortara***, P. Castellani, R. Meazza, A. De Lerma Barbaro, G. Tosi, F.A. Procopio, A. Comes, L. Zardi, S. Ferrini, R.S. Accolla. *The molecular and cellular correlates of tumor rejection after vaccination with mammary adenocarcinoma cells transduced with the MHC class II transactivator CIITA.* 47th Annual Meeting of the Italian Cancer Society (SIC), Abano Terme, Padova, Italy, October 2-5, **Tumori** (suppl.) 4, (4), p. 70, ***2005***

122. E. Balza, ***L. Mortara***, F. Sassi, S. Monteghirfo, B. Carnemolla, P. Castellani, P. Orecchia, R.S. Accolla, L. Zardi, L. Borsi. *Targeted delivery of TNFalpha to tumor vessels induces a strong cell-mediated immune response against homologous and heterologous tumors.* 47th Annual Meeting of the Italian Cancer Society (SIC), Abano Terme, Padova, Italy, October 2-5, **Tumori** (suppl.) 4, (4), p. 12-13, ***2005***

123. G. Tosi, A. De Lerma Barbaro, ***L. Mortara***, R.S. Accolla. *The MHC class II transactivator (CIITA) is a physiologic inhibitor of HIV-1 replication.* AIDS Vaccine 2005, Montréal, Québec, Canada, September 6-9, p. 172, ***2005***

124. ***L. Mortara***, P. Castellani, R. Meazza, A. De Lerma Barbaro, G. Tosi, F.A. Procopio, L. Zardi, S. Ferrini, R.S. Accolla. *The molecular and cellular basis of tumor rejection after vaccination with mammary adenocarcinoma cells transduced with the MHC class II transactivator CIITA.* International Meeting of the Institute of Human Virology, Baltimore, USA, August 29-September 2, **Retrovirology**, 2 (suppl. 1), p. S55, ***2005***

125. G. Tosi, A. De Lerma Barbaro, ***L. Mortara***, R.S. Accolla. *The MHC class II transactivator (CIITA): a "physiologic" drug against HIV-1 replication.* International Meeting of the Institute of Human Virology, Baltimore, USA, August 29-September 2, **Retrovirology**, 2 (suppl. 1), p. P2, ***2005***

126. G. Tosi, E. Pilotti, A. De Lerma Barbaro, ***L. Mortara***, C. Casoli, R.S. Accolla. *The MHC class II transactivator (CIITA): a physiologic inhibitor of HTVL-2 retroviral infeciton.* International Meeting of the Institute of Human Virology, Baltimore, USA, August 29-September 2, **Retrovirology**, 2 (suppl. 1), p. P5, ***2005***

127. ***L. Mortara***, P. Castellani, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, L. Zardi, S. Ferrini, R.S. Accolla. *Functional and histological correlates of tumor rejection in a murine mammary adenocarcinoma model of cancer vaccine after genetic transfer of the MHC class II tranactivator CIITA.* 4th National Conference of SIICA, Brescia, Italy, June 8-11, **Minerva Medica**, 96 suppl. 1 (3), p. 40, ***2005***

128.B. Morandi, A. D'Agostino, ***L. Mortara***, P. Carrega, M. Gardella, G. Ferlazzo. *Natural killer cells provide a helper signal for CD8 T cells via membrane-bound IL-15 expression on dendritic cells.* 4th National Conference of SIICA, Brescia, Italy, June 8-11, **Minerva Medica**, 96, suppl. 1 (3), p. 56, ***2005***.

129.A. De Lerma Barbaro, F.A. Procopio, ***L. Mortara***, G. Tosi, R.S. Accolla. *Phorbol esther differentiation in human macrophages induces factors destabilizing MHC class-II transactivator (CIITA) mRNA*. 4th National Conference of SIICA, Brescia, Italy, June 8-11, **Minerva Medica**, 96, suppl. 1 (3), p. 8, ***2005***

130.G. Tosi, E. Pilotti, A. De Lerma Barbaro, ***L. Mortara***, C. Casoli, R.S. Accolla. *The MHC class II transactivator: a physiologic inhibitor of HIV-1 and HTLV-2 retroviral infections.* 4th National Conference of SIICA, Brescia, Italy, June 8-11, **Minerva Medica**, 96, suppl. 1 (3), p. 74, ***2005***

131.G. Tosi, B. Murgia, A. De Lerma Barbaro, F.A. Procopio, ***L. Mortara***, A.R. Soresina, A. Meini, A. Plebani, R.S. Accolla. *Analysis of a combined immunodeficiency patient with defect in MHC-II expression (BLS) reveals the presence of several mutant isoforms of RFXANK mRNA.* 4th National Conference of SIICA, Brescia, Italy, June 8-11, **Minerva Medica**, 96, suppl. 1 (3), p. 29, ***2005***

132.***L. Mortara***, M.J.Y. Ploquin, A. Faye, D. Scott-Algara, B. Vaslin, C. Butor, A. Hosmalin, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Assessment of immunostimulatory capacity of myeloid dendritic cells derived from African green monkey blood monocytes.* CFCD, Paris, France, December 6, 7, ***2004***

133.M.J.Y. Ploquin, C. Kornfeld, I. Pandrea, A. Faye, R. Onanga, C. Apetrei, V.P. Movangou, P. Rouquet, J. Estaquier, ***L. Mortara***, R. Le Grand, P. Roques, F. Simon, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Early induction of an anti-inflammatory environment could temper T cell activation during SIVagm infection.* 1st Dominique Dormont International Conference, Paris, France, December 3, 4, ***2004***

134.M.J.Y. Ploquin, C. Kornfeld, I. Pandrea, A. Faye, R. Onanga, C. Apetrei, V.P. Movangou, P. Rouquet, J. Estaquier, ***L. Mortara***, R. Le Grand, P. Roques, F. Simon, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Induction précoce d'un environnement anti-inflammatoire au cours de la primo-infection par SIVagm et controle de l'activation lymphocytaire T.* Journées Départementales de Virologie de l'Institut Pasteur, Paris, France, November, 18, 19, ***2004***

135.***L. Mortara***, M.J.Y. Ploquin, A. Faye, D. Scott-Algara, B. Vaslin, C. Butor, A. Hosmalin, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Phenotypic and functional features of African green monkey monocyte-derive dendritic cells.* National Conference of SFI, Paris, France, November 24-26, p. 80, ***2004***

136.***L. Mortara***, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, S. Ferrini, R.S. Accolla. *Induction of tumor regression by gene therapy with the MHC class II transactivator CIITA.* National Conference of SFI, Paris, France, November 24-26, p. 105, ***2004***

137.M.J.Y. Ploquin, C. Kornfeld, I. Pandrea, A. Faye, R. Onanga, C. Apetrei, V.P. Movangou, P. Rouquet, J. Estaquier, ***L. Mortara***, R. Le Grand, P. Roques, F. Simon, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Early induction of an anti-inflammatory environment during primary SIVagm infection.* 22nd Annual Symposium on Nonhuman Primate Models for AIDS, San Antonio, Texas, USA, November 3-6, p. 59, ***2004***

138.***L. Mortara***, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, S. Ferrini, R.S. Accolla. *Protective anti-tumor immune response by immunization with genetically engineered tumor cells expressing MHC class II molecules.* 46th Annual Meeting of the Italian Cancer Society (SIC), Pisa, Italy, October 24-27, **Tumori** (suppl.) 4 (2), p. 55, ***2004***

139.E. Balza, ***L. Mortara***, F. Sassi, R.S. Accolla, B. Carnemolla, P. Castellani, P. Orecchia, S. Monteghirfo, L. Zardi, L. Borsi. *Different aspects of the anticancer activity of the fusion protein L19mTNFa.* 46th Annual Meeting of the Italian Cancer Society (SIC), Pisa, Italy, October 24-27, **Tumori** (suppl.) 4 (2), p. 59, ***2004***

140.***L. Mortara***, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, A.M. Orengo, S. Ferrini, R.S. Accolla. *Gene transfer of the MHC-II transactivator CIITA in a murine adenocarcinoma result in immune-mediated tumor rejection.* Abstr. no. 1136 (Th 53.178). 12th International Congress of Immunology (ICI) and 4th Annual Conference of Federation of Clinical Immunology Societies (FOCIS), Montrèal, Quèbec, Canada, July 18-23, **Clinical and Investigative Medicine**, 27 (4), p. 188 D, ***2004***

141.A. De Lerma Barbaro, F.A. Procopio, ***L. Mortara***, G. Tosi, R.S. Accolla. *The functional activity of the MHC class II transactivator CIITA depends on the stability of corresponding mRNA in the differentiating human macrophages*. 12th International Congress of Immunology (ICI) and 4th Annual Conference of Federation of Clinical Immunology Societies (FOCIS), Montréal, Québec, Canada, July 18-23, **Clinical and Investigative Medicine**, 27 (4), ***2004***

142.***L. Mortara***, M.J.Y. Ploquin, A. Faye, D. Scott-Algara, B. Vaslin, C. Butor, A. Hosmalin, F. Barré-Sinoussi, O.M. Diop, M.C. Müller-Trutwin. *Generation of semi-mature myeloid dendritic cells derived from African*

green monkey blood monocytes. 3th National Conference of SIICA, Ischia, Italy, April 24-27, **Minerva Biotecnologica**, 16 (1), pp. 2, ***2004***

143.***L. Mortara***, R. Meazza, G. Tosi, A. De Lerma Barbaro, F.A. Procopio, A. Comes, A.M. Orengo, S. Ferrini, R.S. Accolla. *Induction of tumor rejection by gene transfer of the MHC class II transactivator CIITA.* 3th National Conference of SIICA, Ischia, Italy, April 24-27, **Minerva Biotecnologica**, 16 (1), p. 65-66, ***2004***

144.A. De Lerma Barbaro, F.A. Procopio, ***L. Mortara***, G. Tosi, R.S. Accolla. *TPA-mediated downregulation of MHC class II gene expression in human macrophage precursors by destibilization of the MHC class II activator CIITA mRNA.* 3th National Conference of SIICA, Ischia, Italy, April 24-27, **Minerva Biotecnologica**, 16 (1), p. 49-50, ***2004***

145.M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, A. Faye, A. Amara, O. Schwartz, F. Barré-Sinoussi, M.C. Müller-Trutwin. *SIVagm transmission by African green monkey myeloid dendritic cells.* CROI, San Francisco, CA, USA, March 2, ***2004***

146.Z. Coutsinos, ***L. Mortara***, P. Villefroy, A. Beauchet, H. Gras-Masse, A. Venet, J.P. Levy, J.G. Guillet, I. Bourgault-Villada. *Impact of SIV lipopeptide vaccination on survival of macaques: major role of CTL responses on delaying onset of AIDS*. 11th Conference on Retroviruses and Opportunistic Infections, Moscone West, San Francisco, CA, USA, February 8-11, 2004. **Journal of Investigative Dermatology**, 123 (6), p. A108, ***2004***. WOS:000225436700104

147.R. Meazza, ***L. Mortara***, A. Comes, A. De Lerma Barbaro, G. Tosi, S. Ferrini, R.S. Accolla. *Control of tumor growth in vivo by gene therapy with the MHC class II transactivator CIITA.* The 45th Annual Meeting of the Italian Cancer Society (SIC), Bergamo, Italy, November 9-12, 2003, **Tumori** (suppl.) 3 (1), p. 101, ***2004***

148.M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, A. Faye, M. Soares, A. Amara, O. Schwartz, F. Barré-Sinoussi, M.C. Müller-Trutwin *Contribution of African green monkey, a primate model for resistance to AIDS, in the understanding of the lentivirus-dendritic cell interactions.* XVIe Colloque de la Société Francophone de Primatologie, Bruxelles, Belgium, October 22-25, p. 30, ***2003***

149.O.M. Diop, ***L. Mortara***, A. Faye, M.J.Y. Ploquin, C. Butor, A. Hosmalin, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Kinetics of peripheral and tissue dendritic cell subsets during the acute phase of non-pathogenic SIVagm infection.* The 2nd International AIDS Society (IAS) Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003, **Antiviral Therapy**, 8 (suppl. 1), p. S239, ***2003***

150.M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, A. Faye, M. Soares, Y. van Kooyk, A. Amara, O. Schwartz, F. Barré-Sinoussi, M.C. Müller-Trutwin. *DC-SIGN from African Green Monkeys is an efficient attachment factor for SIVagm.* The 2nd International AIDS Society (IAS) Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003, **Antiviral Therapy**, 8 (suppl. 1), p. S260, ***2003***

151.P. Villefroy, F. Letourneur, ***L. Mortara***, Z. Coutsinous, H. Gras-Masse, C. Beyer, A.M. Aubertin, A. Venet, J.G. Guillet, I. Bourgault-Villada. *In vivo containment of SIV replication associated with induction of broad multispecific cytotoxic T lymphocytes directed against conserved viral epitopes.* The 2nd International AIDS Society (IAS) Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003, **Antiviral Therapy**, 8 (suppl. 1), p. S290, ***2003***

152.Z. Coutsinous, P. Villefroy, F. Letourneur, ***L. Mortara***, H. Gras-Masse, C. Beyer, A.M. Aubertin, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Cytotoxic T-lymphocyte induction following lipopeptide vaccination correlates with delay of disease onset in SIVmac251 challenged rhesus macaques.* The 2nd International AIDS Society (IAS) Conference on HIV Pathogenesis and Treatment, Paris, France, July 13-16, 2003, **Antiviral Therapy**, 8 (suppl. 1), p. S316, ***2003***

153.P. Villefroy, F. Letourneur, Z. Coutsinous, ***L. Mortara***, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Contrôle in vivo de la replication du SIV par une réponse CTL multi-spécifique dirigée contre des épitopes conservés du SIV et induite par des lipopeptides.* Congrès Annuel de la Recherche Dermatologique (CARD), Faculté de Médicine et de Pharmacie, Rouen, France, June 12, 13, p. 44, ***2003***

154.***L. Mortara***, M.J.Y. Ploquin, O.M. Diop, A. Faye, B. Vaslin, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Characterization of African green monkey myeloid dendritic cells derived from blood monocyte in vitro.* 2nd National Conference of SIICA, Verona, Italy, May 28-31, **Minerva Biotecnologica**, 15 (1), p. 74, ***2003***

155.L. Bottone, G. Li Pira, F. Ivaldi, R. Pelizzoli, ***L. Mortara***, G. Murdaca, F. Indiveri, F. Manca. *Recognition of viral peptides by CTL may result in undesired killing.* 2nd National Conference of SIICA, Verona, Italy, May 28-31, **Minerva Biotecnologica**, 15 (1), p. 10, ***2003***

156.M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, M. Soares, A. Faye, E. Nerrienet, R. Legrand, Y. van Kooyk, A. Amara, O. Schwartz, F. Barré-Sinoussi, M.C. Müller-Trutwin. *DC-SIGN from African Green*

Monkeys enhances SIVagm infection in cis and mediates infection in trans. V^{e} Journées Francophones de Virologie, Faculté de Pharmacie, Paris, April 10, 11, ***2003***

157. M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, A. Faye, M.A. Soares, A. Amara, R. Legrand, F. Barré-Sinoussi, M.C. Müller-Trutwin. *DC-SIGN from African Green Monkeys enhances SIVagm infection in cis and mediates infection in trans.* Keystone Symposium, USA, February 10-14, ***2003***
158. M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, M. Soares, A. Faye, A. Amara, R. Legrand, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Analyse de DC-SIGN dans un modèle de résistance au SIDA.* Journée Interdépartementale sur les Cellules Dendritiques, Institut Pasteur, Paris, January 14, ***2003***
159. M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, M. Soares, A. Faye, A. Amara, R. Legrand, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Interaction entre SIVagm et DC-SIGN du singe vert d'Afrique.* Club Francophone des Cellules Dendritiques (CFCD), Institut Pasteur, Paris, December 16-18, ***2002***
160. M.J.Y. Ploquin, O.M. Diop, N. Sol-Foulon, ***L. Mortara***, M. Soares, A. Faye, A. Amara, R. Legrand, F. Barré-Sinoussi, M.C. Müller-Trutwin. *Transmission en trans du SIVagm par DC-SIGN du singe vert d'Afrique.* Journée Départementale de Virologie de l'Institut Pasteur, Paris, November 7, ***2002***
161. G. Li Pira, L. Bottone, F. Ivaldi, R. Pelizzoli, ***L. Mortara***, A. Loregian, L. Bracci, L. Lozzi, G. Palù, F. Manca. *CD4 and CD8 epitopes on pp65 of cytomegalovirus, a relevant opportunistic pathogen in AIDS.* 7th ECEAR International Conference of Immunology, Genoa, Italy, June 8-11, ***2002***
162. F. Manca, G. Li Pira, L. Bottone, ***L. Mortara***, P. Terranova, D. Fenoglio, F. Ivaldi, R. Pelizzoli, G. Melioli, D. Noonan. *In vitro repair and reconstruction of the immunocompetent tissue*. Conference of CNR on Progetto Finalizzato Biotecnologie, Genoa, Italy, October 28-30, p. 195, ***2001***
163. ***L. Mortara***, P. Villefroy, F. Letourneur, J.G. Guillet, I. Bourgault-Villada. *Containment of SIV escape variants in vivo associated with highly macaque multispecific CTL vaccine induction.* XVth National Conference of Italian Society of Immunology and Clinic Immunology, Rome, Italy, September 19-21, ***2001***.Oral Presentation
164. G. Li Pira, L. Bottone, P. Terranova, ***L. Mortara***, F. Ivaldi, F. Del Galdo, D. Fenoglio, A. Kunkl, F. Manca. *Peeping into CD4 T-cell repertoires: perversion or investigation?* 6th ECEAR International Conference of Immunology, Edinburgh, Ireland, June 23-26, p. 14, ***2001***
165. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Importance of antiviral multispecific CTL responses in the control of AIDS infection.* XXIXth National Conference of Italian Society of Immunology (SI), Abano, Padova, Italy, June 6-9, **Minerva Biotecnologica** 13 (3), p. 180-181, ***2001***
166. G. Li Pira, L. Bottone, P. Terranova, ***L. Mortara***, F. Ivaldi, F. Del Galdo, D. Fenoglio, A. Kunkl, F. Manca. *Human CD4-T cell repertoires specific for opportunistic pathogens*. XXIXth National Conference of Italian Society of Immunology (SI), Abano, Padova, Italy, June 6-9, **Minerva Biotecnologica** 13 (3), p. 179, ***2001***
167. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Importance of antiviral multispecific CTL responses in the control of AIDS infection.* 8th Annual International Discussion Meeting on HIV Dynamics and Evolution, Paris, France, April 27-29, p. 104, ***2001***
168. D. O'Connor, T.M. Allen, B.R. Mothé, P. Jing, E. Dodds, E. Dunphy, ***L. Mortara***, J. Dzuris, A. Hughes, A. Sette, D.I. Watkins. *Whole Genome Analysis of Amino Acid Variation During Acute Simian Immunodeficiency Virus Infection*. 8th Conference on Retroviruses and Opportunistic Infections, Chicago, Illinois, USA, February 4-8, p. 86, ***2001***
169. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Importance d'une large reponse CTL chez le macaque rhesus immunisé par des lipopeptides dans le controle de l'infection par le SIV*. National Conference of French Society of Immunology (SFI), Paris, France, November 29-December 1, p. 66, ***2000***
170. ***L. Mortara***, B.R. Mothé, D. O'Connor, T.U. Vogel, M. Liebl, A. Sette, J.G. Guillet, I. Bourgault-Villada, T.M. Allen, D.I. Watkins. *Nef CTL analysis in acute SIV-infected macaques*. National Conference of French Society of Immunology (SFI), Paris, France, November 29-December 1, p. 67, ***2000***
171. ***L. Mortara***, F. Letourneur, P. Villefroy, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Temporal loss of Nef-epitopes CTL recognition following macaque lipopeptide immunization and SIV challenge*. 18th Annual Symposium on NonHuman Primate Models for AIDS, Madison, Wisconsin, USA, Ocotber 4-7, p. 64, ***2000***
172. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Evidence for importance of lipopeptide-induced multispecific CTL in the containment of SIVmac infection.*

18th Annual Symposium on NonHuman Primate Models for AIDS, Madison, Wisconsin, USA, Ocotber 4-7, p. 84, ***2000***

173. D. O'Connor, T.M. Allen, P. Jing, J.L. Dzuris, E. Dunphy, B.R. Mothé, M.E. Liebl, T.U. Vogel, ***L. Mortara***, E. Dodds, C. Emerson, K.J. Kunstman, X. Wang, A.L. Hughes, R.C. Desrosiers, J.D. Altman, S.M. Wolinsky, A. Sette, D.I. Watkins. *Tat-Specific CTL Exert Strong Selective Pressure During Acute SIV Infection.* 18th Annual Symposium on Nonhuman Primate Models for AIDS, Madison, Wisconsin, USA, Ocotber 4-7, p. 33, ***2000***
174. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Role of vaccine-induced multispecific CTL in the control of SIVmac replication and AIDS infection.* XXVIIIth National Conference of Italian Society of Immunology (SI), Joint Symposium SI, Italian Society of Immunology and Clinical Immunology (SIIIC) and European Academy of Allergy and Clinical Immunology (EAACI), Ferrara, Italy, June 7-10, **Minerva Biotecnologica**, 12 (3), p. 198-199, ***2000***
175. ***L. Mortara***, Z. Coutsinos, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Importance of antiviral multispecific CTL in the containment of SIVmac infection in macaques immunized by lipopeptides.* 8th Annual Doctoral Meeting of Biochemistry-Molecular Biology, University of Paris 6, Paris 7 and Paris 11, Paris, France, May 15-17, ***2000***
176. ***L. Mortara***, F. Letourneur, P. Villefroy, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Temporal loss of Nef-epitopes CTL recognition following macaque lipopeptide immunization and SIV challenge*. Workshop on HIV/AIDS Vaccine development, Pasteur Institute, Paris, France, May 5-6, ***2000***
177. I. Bourgault-Villada, ***L. Mortara***, F. Letourneur, H. Gras-Masse, C. Beyer, C. Rommens, J.G. Guillet. *Induction of anti-SIV CD8 T-cell immune responses in rhesus macaques by immunization with lipopeptides*. Workshop on HIV/AIDS Vaccine development, Pasteur Institute, Paris, France, May 5-6, ***2000***
178. A. Kunkl, D. Risso, M.P. Terranova, ***L. Mortara***, L. Bottone, M. Girotto, and P.B. Lantieri. *Measurement error of absolute CD4+ T lymphocyte count double platform evaluations for the assessment of laboratory performance in lymphocyte immunophenotyping quality control (QC).* Flow Cytometry Annual Congress, Montpellier, France, May 20-25, ***2000***
179. ***L. Mortara***, P. Villefroy, C. Beyer, F. Letourneur, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Importance des CTL multispécifiques dans le contrôle de l'infection par le SIVmac251 chez le macaque rhésus immunisé par des lipopeptides.* Dermatologic Days of Paris, France, December 1-4, 1999. **Annales de Dermatologie et de Vénéréologie** 126 (suppl. 2), p. S55, ***1999***
180. ***L. Mortara***, F. Letourneur, P. Villefroy, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Role of multispecific CTL in controlling SIVmac infection in rhesus monkeys immunized by lipopeptides*. National Conference of French Society of Immunology (SFI), Lille, France, November 24-26, p. 67, ***1999***
181. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, J.G. Guillet, I. Bourgault-Villada. *Analysis of the selection pressure by the NEF-immunodominant macaque CTL response in SIV infection*. National Conference of French Society of Immunology (SFI), Lille, France, November 24-26, p. 63, ***1999***
182. ***L. Mortara***, P. Villefroy, C. Beyer, F. Letourneur, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Evidence for importance of multispecific CTL in controlling SIVmac infection in rhesus monkeys immunized by lipopeptides*. XXVIIth National Conference of Italian Society of Immunology (SI), Udine, Italy, June 16-18, **Minerva Biotecnologica**, 11 (1), p. 50, ***1999***
183. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Strong immune selection pressure by the NEF-immunodominant macaque CTL response in SIV infection*. XXVIIth National Conference of Italian Society of Immunology (SI), Udine, Italy, June 16-18, **Minerva Biotecnologica**, 11 (1), p. 50, ***1999***
184. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Importance des CTL multispécifiques dans le contrôle de l'infection par le SIVmac251 chez le macaque rhésus immunisé par des lipopeptides*. Meeting of French Society of Immunology (SFI), Paris, France, June 1, 2, p. 29, ***1999***
185. ***L. Mortara***, P. Villefroy, F. Letourneur, C. Beyer, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Etude longitudinale de la pression de sélection exercée par la réponse CTL anti-NEF chez lemacaque infecté par le SIVmac251*. Meeting of French Society of Immunology (SFI), Paris, France, June 1, 2, p. 30, ***1999***
186. ***L. Mortara***. *Role and fine characterization of cytotoxic T lymphocytes induced by a lipopeptide vaccin in the rhesus macaques/SIV model*. 7th Annual Doctoral Meeting of Biochemistry-Molecular Biology, University of Paris 6, Paris 7 and Paris 11, Paris, France, March 31 and April 1, 2, ***1999***

187.***L. Mortara***, P. Villefroy, H. Gras-Masse, C. Rommens, F. Letourneur, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Obtention of multispecific cytotoxic T lymphocytes into macaque by lipopeptides is dependant of type 1 T helper response*. French Meeting of Virology, Hôpital Pitié-Salpêtrière, Paris, April 22, 23, Virologie 3 (2), p. 151, ***1999***

188.***L. Mortara***, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Induction of anti-SIV multispecific CTL in rhesus macaques by immunization with lipopeptides including a promiscuous Th epitope.* XXVIth National Conference of Italian Cooperative Group in Immunology (GCI), Viterbo, Italy, June 10-12, **Minerva Biotecnologica**, 10 (1), p. 17, ***1998***

189.***L. Mortara***, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Induction of anti-SIV multispecific CTL in rhesus macaques by immunization with lipopeptides including a promiscuous Th epitope.* Club Meeting of French Society of Immunology (SFI), Paris, France, June 5, p. 98, ***1998***

190.***L. Mortara***. *Fine characterization of macaque cytotoxic T lymphocytes (CTL) induced by lipopeptides into rhesus macaques. Optimization of lipopeptide immunization to induce multispecific CTL.* 6th Annual Doctoral Meeting of Biochemistry-Molecular Biology, University of Paris 6, Paris 7 and Paris 11, Paris, France, March 31-April 1, 2, ***1998***

191.I. Bourgault-Villada, ***L. Mortara***, H. Gras-Masse, A. Venet, P. Saiag, J.P. Lévy, J.G. Guillet. *Optimization of lipopeptide immunization for induction of multispecific CTL. Perspectives in human vaccination.* Dermatologic Days of Paris, Paris, France, December 3-6, 1997, **Annales de Dermatologie et de Vénéréologie**, 124 (suppl. 1), p. S61, ***1997***

192.***L. Mortara***, F. Letourneur, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Selection of virus variants and emergence of virus escape mutants by CTL mono-specific induced by lipopeptide vaccine.* Dermatologic Days of Paris, Paris, France, December 3-6, 1997, **Annales de Dermatologie et de Vénéréologie**, 124 (suppl. 1), p. S62, ***1997***. Oral Presentation

193.***L. Mortara***, F. Letourneur, H. Gras-Masse, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Monospecific CTL induced into rhesus macaques by lipopeptidic immunization select viral variants and mutants.* XVth National Congress of Italian Society of Immunology and Immunopathology, Genoa, Italy, November 9-12, p. 186, ***1997***. Oral Presentation

194.***L. Mortara***, H. Gras-Masse, C. Beyer, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Optimization of lipopeptide immunization for induction of multispecific CTL.* France-Japan AIDS Meeting, Paris, France, October 30, ***1997***

195.***L. Mortara***, H. Gras-Masse, C. Beyer, J.-P. Lévy, A. Venet, J.G. Guillet, I. Bourgault-Villada. *Fine characterization of macaque cytotoxic T lymphocytes induced by lipopeptides. Evolution of anti-NEF cytotoxicity after SIV challenge. Optimization of lipopeptides immunizations.* FIV, SIV and SHIV Vaccination, Conférence Fondation Marcel Mérieux 'Les Pensières', Veyrier-du-Lac, Annecy, France, March 12-16, p. 70, ***1997***

196.I. Bourgault-Villada, ***L. Mortara***, J.P. Lévy, J.G. Guillet, A. Venet. *Relevance of lipopeptide vaccination to induce cytotoxic T lymphocytes: example of macque rhesus model in order to develop a vaccin against HIV.* Days Dermatologic of Paris, France, November 20-23, 1996, **Annales de Dermatologie et de Vénéréologie**, 123 (suppl. 1), p. S53-S54, ***1996***

197.***L. Mortara***, A. Venet, H. Gras-Masse, D. Fenoglio, F. Manca, J.P. Lévy, J.G. Guillet, I. Bourgault-Villada. *Fine characterization of cytotoxic T lymphocytes (CTL) induced into macaques by lipopeptide immunization*. XXIVth National Conference of Italian Cooperative Group in Immunology (GCI), L'Aquila, Italy, June 13-15, p. 146, ***1996***

198.A. Kunkl***, L. Mortara,*** G. Li Pira, F. Buffa, D. Saverino, C. Viotti, L. Lozzi, L. Bottone, D. Fenoglio, M.T. Valle, F. Manca. *Strategies of induction of antibody responses against determinants of gp 120 of HIV*. XXIIIrd National Conference of Italian Cooperative Group in Immunology (GCI), Viterbo, Italy, June 22-24, ***1995***

199.A. Kunkl, ***L. Mortara,*** L. Lozzi, F. Buffa, L. Bottone, F. Bigliazzi, F. Manca. *Strategies of development of antibody response anti-V3.* 7th Project of Research on AIDS Meeting, Istituto Superiore di Sanità, Orbetello, Italy, June 19-21, ***1995***.

Updated 02/2024 Firma Lorenzo Mortara