

PERSONAL INFORMATION

Paolo Fabrizio Fagone



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PERSONAL STATEMENT

Paolo Fabrizio Fagone obtained his BS degree in Biological Sciences at the University of Catania in 2004 and then graduated with an MS degree in Health Biology. Afterwards, he completed his Residency training in Microbiology and Virology. He has been a Research Fellow at the Stellar-Chance Laboratories at the University of Pennsylvania, Philadelphia, for two years, after which he attended the School of Medicine of the University of Catania and graduated in Medicine and Surgery. He has been a Senior Scientist in the Immunopathology and Translational Immunopharmacology Laboratory, in the Department of Biomedical and Biotechnological Sciences at the University of Catania, where he worked since 2005. The research field of Paolo Fabrizio Fagone is mainly focused on the immunopathological mechanisms involved in immuno-inflammatory, autoimmune and cancer diseases. Main scientific skills: in vitro and in vivo preclinical models; expertise in biostatistics and in silico analysis of "whole-genome profiling" data. Paolo Fabrizio Fagone was Principal Investigator of a 12-months study, funded by the Lega Italiana per la Lotta contro i Tumori (LILT). Paolo Fabrizio Fagone actively participates in national and international scientific congresses, as a speaker and chairman. He is reviewer of 10+ international peer-reviewed scientific journals. Paolo Fabrizio Fagone is co-author of 76 publications (of which, 21 as first author; 3 as last author), H-index 22 and 2434 citations (as of 23/10/2019 in Scopus). He is Assistant Professor from May 2020

EDUCATION AND TRAINING

05/12/2017–Present	National Scientific Qualification (ASN) for Associate Professor in 06/A2
31/03/2017–Present	National Scientific Qualification (ASN) for Associate Professor in 06/N1
30/10/2010–19/03/2019	Medicine and Surgery (110/110 with honors) University of Catania, Catania (Italy)
10/10/2006–22/10/2010	Residency in Microbiologia e Virologia (70/70 with honors) University of Catania, Catania (Italy)
10/10/2004–07/07/2006	MS in Health Biology (110/110 with honors) University of Catania, Catania (Italy)
10/10/2001–08/10/2004	BS in Biological Sciences (110/110) University of Catania, Catania (Italy)

WORK EXPERIENCE

- 04/05/2020–Present **Assistant Professor**
Department of Biomedical and Biotechnological Sciences - University of Catania, Catania (Italy)
- 01/03/2018–02/2019 **Participation in a research project**
University of Catania, Catania (Italy)
Project title: "Epigenetic regulation of age-related neovascular degeneration: identification of potential therapeutic targets" ("Regolazione epigenetica della degenerazione neovascolare correlata all'età: identificazione di potenziali target terapeutici")
- 10/10/2016–10/10/2017 **Teaching activity**
University of Catania
Integrative teaching activity in the international PhD course in "Basic and Applied Biomedical Sciences"
- 12/05/2016–13/05/2016 **Teaching activity**
University of Catania
Seminar activity on "Molecular bases and diagnostics of the pathology of the immune system" as part of the II level Master in "Insights into the diagnostic application of cellular and molecular methodologies in human pathology"
- 28/07/2017–27/07/2018 **Principal Investigator of the study "Evaluation of KCNMA1 as a biomarker and therapeutic target in colorectal cancer" ("Valutazione di KCNMA1 come biomarker e target terapeutico nel tumore coloretale")**
Funded by Lega Italiana per la Lotta contro i Tumori (LILT), Catania (Italy)
- 15/09/2015–15/02/2016 **Participation in a research project**
University of Catania, Catania (Italy)
Project title: "Biological evaluation of modified azaribonucleoside compounds as anticancer and immunomodulatory molecules" ("Valutazione biologica di composti azaribonucleosidi modificati come molecole antitumorali e immunomodulanti")
- 01/08/2014–01/06/2015 **Participation in a research project**
University of Catania, Catania (Italy)
Project title: "Pharmacological effects on a model of chronic liver fibrosis" ("Effetti farmacologici su un modello di fibrosi epatica cronica")
- 17/09/2012–17/07/2013 **Participation in a research project**
University of Catania, Catania (Italy)
Project title: "Development of Carbon Monoxide Releasing Molecules for the treatment of rheumatoid arthritis"
- 01/06/2011–01/04/2012 **Participation in a research project**
University of Catania, Catania (Italy)
Project title: "Development of Carbon Monoxide Releasing Molecules for the treatment of rheumatoid arthritis"
- 01/07/2010–01/01/2011 **Participation in a research project**

University of Catania, Catania (Italy)

Project title: "Effects of CORM treatment in models of autoimmunity" ("Effetti del trattamento con CORM in modelli di autoimmunità")

01/11/2007–31/10/2009 **Research Fellow**

University of Pennsylvania, Philadelphia (United States)

01/02/2007–30/04/2007 **Participation in a research project**

University of Catania, Catania (Italy)

Project title: "Effects of the immunomodulatory compound COMETA 025 in NOD mouse and SJL mouse" ("Effetti del farmaco immunomodulante COMETA 025 nel topo NOD e nel topo SJL")

01/02/2006–01/03/2006 **Participation in a research project**

University of Catania, Catania (Italy)

Project title: "Evaluation of the immunomodulatory activity of the human transferrin and its use for the therapy of autoimmune and inflammatory disorders" ("Valutazione dell'attività immunomodulante della transferrina umana e del suo impiego per la terapia di patologie autoimmuni e infiammatorie")

02/11/2005–02/12/2005 **Participation in a research project**

University of Catania, Catania (Italy)

Project title: "Evaluation of the immunomodulatory activity of the human transferrin and its use for the therapy of autoimmune and inflammatory disorders" ("Valutazione dell'attività immunomodulante della transferrina umana e del suo impiego per la terapia di patologie autoimmuni e infiammatorie")

Present Reviewer for

Antioxidant and Redox Signaling

Molecular Therapy-Nucleic Acids

International Journal of Cancer

Molecules

Oncology Letters

Experimental and Therapeutic Medicine

Molecular Medicine Reports

Oncology Reports

Oncotarget

Evidence-Based Complementary and Alternative Medicine

Brain Research

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Certificato: Grade 12 - Trinity College London					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

- Whole-genome profiling database analysis (GEO, ArrayExpress)
- Elements of Biostatistics (Graphpad Prism; SPSS)
- Management techniques for mice, rats and hamsters
- Intraperitoneal, subcutaneous, intracolonic and oral administration of drugs to mice, rats and hamsters
- Collection of internal organs from laboratory animals
- Isolation, culture and proliferation techniques of mononuclear cells from blood, spleen and lymph nodes
- Animal models of autoimmune and immuno-inflammatory diseases: T1DM, SLE, EAE, EAN, RA, IBD
- Animal models of xenotransplanted tumor
- Cell cultures
- ELISA, ELISPOT, Western blot
- Cytofluorimetry: cell cycle analysis, proliferation, apoptosis, intracellular staining
- Nucleic acid extraction and RT-PCR
- Methylation study of DNA: bisulfites and restriction enzymes
- Transformation of competent bacteria with plasmids
- Plasmid isolation: mini-prep, maxi-prep
- Transfection techniques with plasmids, in vitro and in vivo
- Cell transfection with siRNA by transient knock-out of genes
- immunocytochemistry

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

Driving licence

B

ADDITIONAL INFORMATION

Publications

Cavalli E, Mazzon E, Mammana S, Basile MS, Lombardo SD, Mangano K, Bramanti P, Nicoletti F, Fagone P, Petralia MC. Overexpression of Macrophage Migration Inhibitory Factor and Its Homologue D-Dopachrome Tautomerase as Negative Prognostic Factor in Neuroblastoma. *Brain Sci.* 2019 Oct 19;9(10). pii: E284. doi:10.3390/brainsci9100284. PubMed PMID: 31635049.

Cavalli E, Mazzon E, Basile MS, Mangano K, Di Marco R, Bramanti P, Nicoletti F, Fagone P, Petralia MC. Upregulated Expression of Macrophage Migration Inhibitory Factor, Its Analogue D-Dopachrome Tautomerase, and the CD44 Receptor in Peripheral CD4 T Cells from Clinically Isolated Syndrome Patients with Rapid Conversion to Clinical Defined Multiple Sclerosis. *Medicina (Kaunas).* 2019 Oct 1;55(10). pii: E667. doi: 10.3390/medicina55100667. PubMed PMID: 31581595. Lombardo SD, Mazzon E, Basile MS, Campo G, Corsico F, Presti M, Bramanti P, Mangano K, Petralia MC, Nicoletti F, Fagone P. Modulation of Tetraspanin 32 (TSPAN32) Expression in T Cell-Mediated Immune Responses and in Multiple Sclerosis. *Int J Mol Sci.* 2019 Sep 4;20(18). pii: E4323. doi:10.3390/ijms20184323. PubMed PMID: 31487788.

Petralia MC, Mazzon E, Fagone P, Falzone L, Bramanti P, Nicoletti F, Basile MS. Retrospective follow-

up analysis of the transcriptomic patterns of cytokines, cytokine receptors and chemokines at preconception and during pregnancy, in women with post-partum depression. *Exp Ther Med*. 2019 Sep;18(3):2055-2062. doi:10.3892/etm.2019.7774. Epub 2019 Jul 12. PubMed PMID: 31410161; PubMed Central PMCID: PMC6676209.

Lombardo SD, Presti M, Mangano K, Petralia MC, Basile MS, Libra M, Candido S, Fagone P, Mazzon E, Nicoletti F, Bramanti A. Prediction of PD-L1 Expression in Neuroblastoma via Computational Modeling. *Brain Sci*. 2019 Aug 31;9(9). pii: E221. doi: 10.3390/brainsci9090221. PubMed PMID: 31480495.

Lombardo SD, Mazzon E, Basile MS, Cavalli E, Bramanti P, Nania R, Fagone P, Nicoletti F, Petralia MC. Upregulation of IL-1 Receptor Antagonist in a Mouse Model of Migraine. *Brain Sci*. 2019 Jul 19;9(7). pii: E172. doi: 10.3390/brainsci9070172. PubMed PMID: 31331109; PubMed Central PMCID: PMC6680509.

Petralia MC, Mazzon E, Fagone P, Russo A, Longo A, Avitabile T, Nicoletti F, Reibaldi M, Basile MS. Characterization of the Pathophysiological Role of CD47 in Uveal Melanoma. *Molecules*. 2019 Jul 4;24(13). pii: E2450. doi:10.3390/molecules24132450. PubMed PMID: 31277366; PubMed Central PMCID: PMC6651482.

Basile MS, Fagone P, Mangano K, Mammana S, Magro G, Salvatorelli L, Li Destri G, La Greca G, Nicoletti F, Puleo S, Pesce A. KCNMA1 Expression is Downregulated in Colorectal Cancer via Epigenetic Mechanisms. *Cancers (Basel)*. 2019 Feb 19;11(2). pii: E245. doi: 10.3390/cancers11020245. PubMed PMID: 30791468; PubMed Central PMCID: PMC6406553.

Nicoletti F, Mazzon E, Fagone P, Mangano K, Mammana S, Cavalli E, Basile MS, Bramanti P, Scalabrino G, Lange A, Curtin F. Prevention of clinical and histological signs of MOG-induced experimental allergic encephalomyelitis by prolonged treatment with recombinant human EGF. *J Neuroimmunol*. 2019 Jul 15;332:224-232. doi: 10.1016/j.jneuroim.2019.05.006. Epub 2019 May 8. PubMed PMID: 31100693.

Fagone P, Mazzon E, Mammana S, Di Marco R, Spinascia F, Basile MS, Petralia MC, Bramanti P, Nicoletti F, Mangano K. Identification of CD4+ T cell biomarkers for predicting the response of patients with relapsing-remitting multiple sclerosis to natalizumab treatment. *Mol Med Rep*. 2019 May 23. doi: 10.3892/mmr.2019.10283. [Epub ahead of print] PubMed PMID: 31180553.

Basile MS, Mazzon E, Russo A, Mammana S, Longo A, Bonfiglio V, Fallico M, Caltabiano R, Fagone P, Nicoletti F, Avitabile T, Reibaldi M. Differential modulation and prognostic values of immune-escape genes in uveal melanoma. *PLoS One*. 2019 Jan 17;14(1):e0210276. doi: 10.1371/journal.pone.0210276. eCollection 2019. PubMed PMID: 30653520.

Günther S, Fagone P, Jalce G, Atanasov AG, Guignabert C, Nicoletti F. Role of MIF and D-DT in immune-inflammatory, autoimmune, and chronic respiratory diseases: from pathogenic factors to therapeutic targets. *Drug Discov Today*. 2018 Nov 13. pii: S1359-6446(18)30329-5. doi: 10.1016/j.drudis.2018.11.003. [Epub ahead of print] Review. PubMed PMID: 30439447.

Presti M, Mazzon E, Basile MS, Petralia MC, Bramanti A, Colletti G, Bramanti P, Nicoletti F, Fagone P. Overexpression of macrophage migration inhibitory factor and functionally-related genes, D-DT, CD74, CD44, CXCR2 and CXCR4, in glioblastoma. *Oncol Lett*. 2018 Sep;16(3):2881-2886. doi: 10.3892/ol.2018.8990. Epub 2018 Jun 19. PubMed PMID: 30127875; PubMed Central PMCID: PMC6096183.

Fagone P, Mazzon E, Bramanti P, Bendzen K, Nicoletti F. Gasotransmitters and the immune system: Mode of action and novel therapeutic targets. *Eur J Pharmacol*. 2018 Sep 5;834:92-102. doi: 10.1016/j.ejphar.2018.07.026. Epub 2018 Jul 20. Review. PubMed PMID: 30016662.

Fagone P, Mazzon E, Chikovani T, Saraceno A, Mammana S, Colletti G, Mangano K, Bramanti P, Nicoletti F. Decitabine induces regulatory T cells, inhibits the production of IFN-gamma and IL-17 and exerts preventive and therapeutic efficacy in rodent experimental autoimmune neuritis. *J Neuroimmunol*. 2018 Aug 15;321:41-48. doi: 10.1016/j.jneuroim.2018.05.013. Epub 2018 May 28. PubMed PMID: 29957387.

Fagone P, Mazzon E, Cavalli E, Bramanti A, Petralia MC, Mangano K, Al-Abed Y, Bramati P, Nicoletti F. Contribution of the macrophage migration inhibitory factor superfamily of cytokines in the pathogenesis of preclinical and human multiple sclerosis: In silico and in vivo evidences. *J Neuroimmunol*. 2018 Sep 15;322:46-56. doi: 10.1016/j.jneuroim.2018.06.009. Epub 2018 Jun 15. PubMed PMID: 29935880.

Mangano K, Mazzon E, Basile MS, Di Marco R, Bramanti P, Mammana S, Petralia MC, Fagone P, Nicoletti F. Pathogenic role for macrophage migration inhibitory factor in glioblastoma and its targeting with specific inhibitors as novel tailored therapeutic approach. *Oncotarget*. 2018 Apr 3;9(25):17951-17970. doi: 10.18632/oncotarget.24885. eCollection 2018 Apr 3. Review. PubMed PMID: 29707160;

PubMed Central PMCID: PMC5915168.

Mijatović S, Bramanti A, Nicoletti F, Fagone P, Kaluđerović GN, Maksimović-Ivanić D. Naturally occurring compounds in differentiation based therapy of cancer. *Biotechnol Adv.* 2018 Nov 1;36(6):1622-1632. doi:10.1016/j.biotechadv.2018.04.001. Epub 2018 Apr 12. Review. PubMed PMID: 29656090.

Mammana S, Fagone P, Cavalli E, Basile MS, Petralia MC, Nicoletti F, Bramanti P, Mazzone E. The Role of Macrophages in Neuroinflammatory and Neurodegenerative Pathways of Alzheimer's Disease, Amyotrophic Lateral Sclerosis, and Multiple Sclerosis: Pathogenetic Cellular Effectors and Potential Therapeutic Targets. *Int J Mol Sci.* 2018 Mar 13;19(3). pii: E831. doi: 10.3390/ijms19030831. Review. PubMed PMID: 29533975; PubMed Central PMCID: PMC5877692.

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Mangano K, Cavalli E, Mammana S, Basile MS, Caltabiano R, Pesce A, Puleo S, Atanasov AG, Magro G, Nicoletti F, Fagone P. Involvement of the Nrf2/HO-1/CO axis and therapeutic intervention with the CO-releasing molecule CORM-A1, in a murine model of autoimmune hepatitis. *J Cell Physiol.* 2018 May;233(5):4156-4165. doi: 10.1002/jcp.26223. Epub 2017 Dec 29. PubMed PMID: 29034470.

Donia M, Harbst K, van Buuren M, Kvistborg P, Lindberg MF, Andersen R, Idom M, Munir Ahmad S, Ellebæk E, Mueller A, Fagone P, Nicoletti F, Libra M, Lauss M, Hadrup SR, Schmidt H, Andersen MH, Thor Straten P, Nilsson JA, Schumacher TN, Seliger B, Jönsson G, Svane IM. Acquired Immune Resistance Follows Complete Tumor Regression without Loss of Target Antigens or IFN γ Signaling. *Cancer Res.* 2017 Sep 1;77(17):4562-4566. doi: 10.1158/0008-5472.CAN-16-3172. Epub 2017 Jun 27. PubMed PMID: 28655789.

Fagone P, Caltabiano R, Russo A, Lupo G, Anfuso CD, Basile MS, Longo A, Nicoletti F, De Pasquale R, Libra M, Reibaldi M. Identification of novel chemotherapeutic strategies for metastatic uveal melanoma. *Sci Rep.* 2017 Mar 17;7:44564. doi: 10.1038/srep44564. PubMed PMID: 28303962; PubMed Central PMCID: PMC5355998.

Maksimovic-Ivanic D, Fagone P, McCubrey J, Bendtzen K, Mijatovic S, Nicoletti F. HIV-protease inhibitors for the treatment of cancer: Repositioning HIV protease inhibitors while developing more potent NO-hybridized derivatives? *Int J Cancer.* 2017 Apr 15;140(8):1713-1726. doi: 10.1002/ijc.30529. Epub 2017 Jan 20. Review. PubMed PMID: 27870005.

Nikolic I, Stojanovic I, Vujcic M, Fagone P, Mangano K, Stosic- Grujicic S, Nicoletti F, Saksida T. Standardized bovine colostrum derivative impedes development of type 1 diabetes in rodents. *Immunobiology.* 2017 Feb;222(2):272-279. doi: 10.1016/j.imbio.2016.09.013. Epub 2016 Sep 24. PubMed PMID: 27693017.

Nunnari G, Fagone P, Lazzara F, Longo A, Cambria D, Di Stefano G, Palumbo M, Malaguamera L, Di Rosa M. Vitamin D3 inhibits TNF α -induced latent HIV reactivation in J-LAT cells. *Mol Cell Biochem.* 2016 Jul;418(1-2):49-57. doi: 10.1007/s11010-016-2732-z. Epub 2016 Jun 13. PubMed PMID: 27295094.

Nunnari G, Fagone P, Condorelli F, Nicoletti F, Malaguamera L, Di Rosa M. CD4+ T-cell gene expression of healthy donors, HIV-1 and elite controllers: Immunological chaos. *Cytokine.* 2016 Jul;83:127-135. doi: 10.1016/j.cyto.2016.04.007. Epub 2016 Apr 22. PubMed PMID: 27108398.

Fagone P, Nunnari G, Lazzara F, Longo A, Cambria D, Distefano G, Palumbo M, Nicoletti F, Malaguamera L, Di Rosa M. Induction of OAS gene family in HIV monocyte infected patients with high and low viral load. *Antiviral Res.* 2016 Jul;131:66-73. doi: 10.1016/j.antiviral.2016.04.009. Epub 2016 Apr 20. PubMed PMID: 27107898.

Fagone P, Mangano K, Di Marco R, Touil-Boukoffa C, Chikovan T, Signorelli S, Lombardo GA, Patti F, Mammana S, Nicoletti F. Expression of DNA methylation genes in secondary progressive multiple sclerosis. *J Neuroimmunol.* 2016 Jan 15;290:66-9. doi: 10.1016/j.jneuroim.2015.11.018. Epub 2015 Nov 24. PubMed PMID: 26711572.

Fagone P, Mangano K, Pesce A, Portale TR, Puleo S, Nicoletti F (2016). Emerging therapeutic targets for the treatment of hepatic fibrosis. *DRUG DISCOVERY TODAY*, vol. 21, p. 369-375, ISSN: 1359-6446, doi: 10.1016/j.drudis.2015.10.015

Fagone P, Nunnari G, Lazzara F, Longo A, Cambria D, Distefano G, Palumbo M, Nicoletti F, Malaguamera L, Di Rosa M (2016). Induction of OAS gene family in HIV monocyte infected patients with high and low viral load. *ANTIVIRAL RESEARCH*, vol. 131, p. 66-73, ISSN: 0166-3542, doi: 10.1016/j.antiviral.2016.04.009

- Nikolic I, Stojanovic I, Vujicic M, Fagone P, Mangano K, Stosic-Grujicic S, Nicoletti F, Saksida T (2016). Standardized bovine colostrum derivative impedes development of type 1 diabetes in rodents.. IMMUNOBIOLOGY, ISSN: 0171-2985, doi: 10.1016/j.imbio.2016.09.013
- Nunnari G, Fagone P, Condorelli F, Nicoletti F, Malaguamera L, Di Rosa M (2016). CD4+T-cell gene expression of healthy donors, HIV-1 and elite controllers: Immunological chaos. CYTOKINE, vol. 83, p. 127-135, ISSN: 1043-4666, doi: 10.1016/j.cyto.2016.04.007
- Nunnari G, Fagone P, Lazzara F, Longo A, Cambria D, Di Stefano G, Palumbo M, Malaguamera L, Di Rosa M (2016). Vitamin D-3 inhibits TNF alpha-induced latent HIV reactivation in J-LAT cells. MOLECULAR AND CELLULAR BIOCHEMISTRY, vol. 418, p. 49-57, ISSN: 0300-8177, doi: 10.1007/s11010-016-2732-z
- Donia M, Andersen R, Kjeldsen JW, Fagone P, Munir S, Nicoletti F, Andersen MH, Straten PT, Svane IM (2015). Aberrant Expression of MHC Class II in Melanoma Attracts Inflammatory Tumor-Specific CD4(+) T-Cells, Which Dampen CD8(+) T-cell Antitumor Reactivity. CANCER RESEARCH, vol. 75, p. 3747-3759, ISSN: 1538-7445, doi: 10.1158/0008-5472.CAN-14-2956
- Fagone P, Mangano K, Mamma S, Cavalli E, Di Marco R, Barcellona ML, Salvatorelli L, Magro G, Nicoletti F (2015). Carbon monoxide-releasing molecule-A1 (CORM-A1) improves clinical signs of experimental autoimmune uveoretinitis (EAU) in rats. CLINICAL IMMUNOLOGY, vol. 157, p. 198-204, ISSN: 1521-6616, doi: 10.1016/j.clim.2015.02.002
- Fagone P, Mangano K, Mamma S, Pesce A, Pesce A, Caltabiano R, Giorlandino A, Portale TR, Cavalli E, Lombardo GAG, Coco M, Puleo S, Nicoletti F (2015). Identification of novel targets for the diagnosis and treatment of liver fibrosis. INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol. 36, p. 747-752, ISSN: 1791-244X, doi: 10.3892/ijmm.2015.2264
- Fagone P, Mangano K, Quattrocchi C, Cavalli E, Mamma S, Lombardo GAG, Pennisi V, Zocca MB, He MZ, Al-Abed Y, Nicoletti F (2015). Effects of NO-Hybridization on the Immunomodulatory Properties of the HIV Protease Inhibitors Lopinavir and Ritonavir. BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol. 117, p. 306-315, ISSN: 1742-7843, doi: 10.1111/bcpt.12414
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- Fagone P, Nicoletti F, Vecchio GM, Parenti R, Magro G. (2015). Cyclin D1 in pediatric neuroblastic tumors: A microarray analysis.. ACTA HISTOCHEMICA, ISSN: 0065-1281, doi: 10.1016/j.acthis.2015.10.002
- Maksimovic-Ivanic D, Mojc M, Bulatovic M, Radojkovic M, Kuzmanovic M, Ristic S, Stosic-Grujicic S, Miljkovic D, Cavalli E, Libra M, Fagone P, McCubrey J, Nicoletti F, Mijatovic S (2015). The NO-modified HIV protease inhibitor as a valuable drug for hematological malignancies: Role of p70S6K. LEUKEMIA RESEARCH, vol. 39, p. 1088-1095, ISSN: 0145-2126, doi: 10.1016/j.leukres.2015.06.013
- Fagone P, Mangano K, Mamma S, Quattrocchi C, Magro G, Coco M, Imene S, Di Marco R, Nicoletti F (2014). Acceleration of SLE-like syndrome development in NZBxNZW F1 mice by beta-glucan. LUPUS, vol. 23, p. 407-411, ISSN: 0961-2033, doi: 10.1177/0961203314522333
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- Mangano K, Fagone P, Bendtzen K, Meroni PL, Quattrocchi C, Mamma S, Di Rosa M, Malaguamera L, Coco M, Magro G, Di Marco R, Nicoletti F (2014). Hypomethylating Agent 5-Aza-2-deoxycytidine (DAC) Ameliorates Multiple Sclerosis in Mouse Models. JOURNAL OF CELLULAR PHYSIOLOGY, vol. 229, p. 1918-1925, ISSN: 0021-9541, doi: 10.1002/jcp.24641
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- Fagone P, Donia M, Mangano K, Quattrocchi C, Mamma S, Coco M, Libra M, McCubrey JA, Nicoletti F (2013). Comparative Study of Rapamycin and Temsirolimus Demonstrates Superimposable Anti-Tumour Potency on Prostate Cancer Cells. BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol. 112, p. 63-69, ISSN: 1742-7835, doi: 10.1111/j.1742-7843.2012.00923.x
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Congresses

- Speaker at the International Scientific Conference "Neuroscience, Bioinformatics, Microbiome and Beyond" (Bachinovo, Bulgaria, 17-19 September, 2019)
- Speaker at LILT "Prevenzione terziaria: percorsi di cura integrata dopo la diagnosi di tumore" (Catania, 21-22 May 2019)
- Speaker at the 34th SIPMeT National Congress (Catania, Italy-23/10/2018-25/10/2018)
- Speaker and Chairman at the 23rd World Congress on Advances in Oncology and 22nd International Symposium on Molecular Medicine (Athens-Greece- 20/09/2018-22/09/2018)
- Speaker and Chairman at the 22nd World Congress on Advances in Oncology and 20th International Symposium on Molecular Medicine (Athens-Greece -05/10/2017-07/10/2017)
- Speaker at the 17th World Congress on Advances in Oncology (Crete, Greece- 11/10/2012-13/10/2012)
- Speaker at the 13th International Symposium on Molecular Medicine (Crete, Greece - 07/10/2010-09/10/2010)