

Curriculum vitae



Personal information

Surname / First name

Malorni Walter

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Nationality

Italian

Date of birth

04/01/1951

Gender

Male

CF MLRVTR51A04H501D

Research and professional experience

Dates

01-2018 to date

Occupation or position held

Professor of Gender Medicine

Main activities and responsibilities

University "Tor Vergata", Rome, Italy

Name and address of employer

Type of business or sector

Education

Dates

02-2018 to date

Occupation or position held

Scientific responsible

Main activities and responsibilities

Responsible of the site ISSalute.it of the Italian National

Name and address of employer

Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy

Type of business or sector

Scientific communication

Dates

01-2016 / 09-2017

Occupation or position held

Director of Research, Department Head

Main activities and responsibilities

Head of the National Center for Gender-Specific Medicine

Name and address of employer

Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy

Type of business or sector

Public health, translational research, regulatory activity

Dates

03-2003 / 01-2016

Occupation or position held

Director of Research, Section Head

Main activities and responsibilities

Section Head, Dept. of Therapeutic Research and Medicine Evaluation, Section of Gender Medicine

Name and address of employer	Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy
Type of business or sector	Public health, translational research, regulatory activity
Dates	03-2002 / 03-2005
Occupation or position held	Professor
Main activities and responsibilities	Teaching "cell biochemistry"
Name and address of employer	Università degli Studi dell'Aquila, Piazza Vincenzo Rivera1, 67100 L'Aquila, Italy
Dates	2000 / 2002
Occupation or position held	Professor
Main activities and responsibilities	Teaching "cell biochemistry"
Name and address of employer	Università degli Studi di Modena e Reggio Emilia, via università 4, 41121 Modena, Italy
Dates	04-1998 / 02-2003
Occupation or position held	Director of Research
Main activities and responsibilities	Section Head, Dept Ultrastructures, Section of Cell aging and death
Name and address of employer	Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy
Type of business or sector	Public health, translational research, , regulatory activity
Dates	03-1989 / 03-1998
Occupation or position held	First Researcher
Main activities and responsibilities	Section Head, Section of Subcellular Pathology
Name and address of employer	Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy
Type of business or sector	Public health, translational research, regulatory activity
Dates	03-1985 / 02-1989
Occupation or position held	Researcher
Main activities and responsibilities	Dept Ultrastructures
Name and address of employer	Istituto Superiore di Sanita', Viale Regina Elena 299, 00161, Rome, Italy
Type of business or sector	Translational research, Public health
Dates	Summer 2005
Occupation or position held	Professor in charge
Main activities and responsibilities	Summer Course on Cell death in human disease
Name and address of employer	L'Habana University, Cuba
Type of business or sector	General Pathology
Dates	Summer 2007
Occupation or position held	Professor in charge
Main activities and responsibilities	Summer Course on Cell death in degenerative disease
Name and address of employer	San Paulo University, Brazil
Type of business or sector	General Pathology
Date	Since 2012
Occupation or position held	Full Professor
Name and address of employer	Italian University
Sector	General Pathology

Education and training

Dates	01-1978 / 09-1984
Title of qualification awarded	post-doc fellow
Principal subjects/Occupational skills covered	Cancer research
Name and type of organisation providing education and training	Regina Elena Institute - Rome
Dates	01-1984 / 03-1984
Title of qualification awarded	visiting scientist
Principal subjects/Occupational skills covered	Electron microscopy
Name and type of organisation providing education and training	NIH-Frederick - USA
Dates	03-1976 / 12-1978
Title of qualification awarded	Fellow
Principal subjects/Occupational skills covered	behavioral genetics
Name and type of organisation providing education and training	CNR - Rome
Dates	03-1971 / 03-1976
Title of qualification awarded	Doctor
Principal subjects/Occupational skills covered	behavioral sciences with the Nobel Prize Daniel Bovet
Name and type of organisation providing education and training	Università di Roma "La Sapienza" - Rome
Dates	02-1974 / 03-1975
Title of qualification awarded	training
Principal subjects/Occupational skills covered	histological techniques
Name and type of organisation providing education and training	Università di Roma "La Sapienza" - Istituto di Anatomia

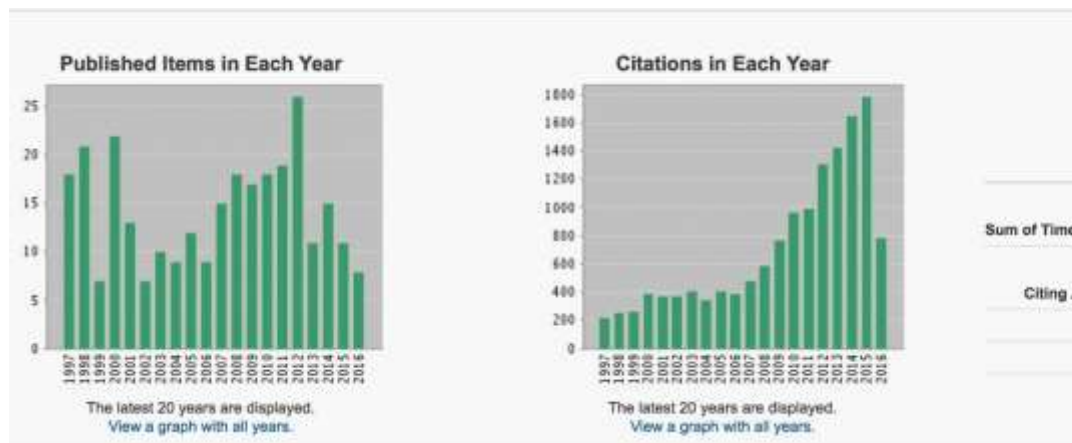
Scientific and Institutional Activities

His laboratory was the first Italian laboratory in the world ranking of "apoptosis labs" (2008) and is an official center of the Master on "Gender Medicine". He was a member of scientific committees of more than 30 national and international conferences as well as a number of specific courses.

He is a member of the Institutional Committees for regulatory activities and carries out consultancy in the institutional functions of the Department of Medicine as well as in national agreements with research institutes such as the IRCCS San Raffaele Pisana (Rome), the Center for Metabolomics at the IRCCS San Gallicano (Rome) and for the European Research Institute for Integrated Cellular Pathology (ICP-ERI).

He is or has been responsible for a number of research projects or operative units within projects of National Research Council (CNR), Ministry of University and Research (MIUR), Ministry of Health, Telethon for the fight against genetic diseases, Associazione italiana ricerca sul cancro (AIRC) and the European Community, and several further public (e.g. University) or private granting agencies or companies as well as no-profit associations (Arcobaleno Onlus) and Foundations (Peretti Foundation).

He is the author of over 380 works; 355 works in PubMed (h-index: 55).



He is regular reviewer for international journals and National and International projects of the Ministry of Health, the CNR, ASI, MURST, AISM, European Research Council (ERC), Binational Science Foundation USA / Israele (BSF), French Agence Nationale de la Recherche (ANR), Jubilauumsfonds (Germany), Oesterreichische (Austria), German Israeli foundation for scientific research and development (GIF); Italian Scientific Committee for Antarctic Research; Institute national du Cancer

Gender medicine skills:

Editor of the Italian Journal of Gender Specific Medicine;

Reviewer of "Biology of Sex Differences", USA;

Reviewer dell'Handbook of Principles of Gender-Specific Medicine, 2nd Edition, edited by Dr. Marianne J. Legato, MD –USA, 2015.

Editor of "Special Issues" on gender Medicine (Antioxidants and redox signaling, Apoptosis, Frontiers in Oncology, Annali dell'ISS) co-Editor of the book "Il genere come determinante di salute: lo sviluppo della MdG per garantire equità e appropriatezza della cura" published on "Quaderni del Ministero della Salute" (April 2016).

Scientific activity and Society of Gender Medicine

Institutional activity. Within the duties of the Department of Drug Research of the Italian National Institute of Health, I am member of the Institutional Committees for regulatory activities (e.g. for phase I clinical studies in the field of Cancer and for the evaluation of studies on novel chemotherapeutic protocols involving animals), Warranty Committees, national Agreements, and referee for Italian Parliament questions.

He is member of about 20 scientific Societies

Communication. Responsible for social communication at the National Institute of Health. In particular he is in charge for the development of the first Italian public portal for health communication (ISSalute.it) devoted to the dissemination of scientific evidence based concepts and information to the citizen for prevention and cure of human diseases, for the fight against fake news and for the interaction with people (e.g. green numbers) and with press.

He is also in charge for communication to different stakeholders in the field of gender biology and medicine via a Newsletter, social media, video and flyers specifically devoted to the improvement of scientific and medical literacy in Italy.

The gender issue. Gender medicine is an emerging field of investigation aimed at the analysis of differences between men and women in the pathogenesis, incidence and response to treatments. Gender disparity in cancer is one of the main goal of the research in this field (Del Principe et al., 2013; Rahbari et al., 2010; Paggi et al., 2010; Ruggieri et al., 2010). Differences in the incidence of cancers (unrelated to reproductive organs) and in the response to chemotherapy are recently emerging. For instance, Cospè and Leinwand (2011) suggest that in females, in which cardiac cachexia seems to be less pronounced (Moulin et al., 2015), estrogen could protect against cancer induced cardiac atrophy and body weight loss. In addition, as concerns autophagy, a gender

disparity has been described by our group: cells from females seem to be more susceptible to autophagy induction (Straface et al., 2012; Lista et al., 2011). In the present project this point will be considered.

- Member the Scientific Board of GISEG (Italian Group of Health and Gender)
- Member of the National Study Center of Health and Gender specific Medicine
- Member of the work group "Gender Medicine" FNOMCeO;
- Member of the International Society for Gender Medicine, IGM);
- Member of OSSD (Organization for the Study of Sex Differences, USA).

**Selected publications
(5 years) out of 355 in
PubMed**

**in bold those specifically devoted
to gender medicine**

1: Carè A, Bellenghi M, Matarrese P, Gabriele L, Salvioli S, Malorni W. Sex disparity in cancer: roles of microRNAs and related functional players. Cell Death Differ. 2018 Jan 19. doi: 10.1038/s41418-017-0051-x. [Epub ahead of print] Review. PubMed PMID: 29352271.

2: Straface E, Gambardella L, Pagano F, Angelini F, Ascione B, Vona R, Falco E, Cavarretta E, Russa R, Malorni W, Frati G, Chimenti I. Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF- α Treatment. Stem Cells Int. 2017;2017:4790563. doi: 10.1155/2017/4790563. Epub 2017 Sep 17. PubMed PMID: 29104594; PubMed Central PMCID: PMC5623773.

3: Alessandri C, Ciccio F, Priori R, Astorri E, Guggino G, Alessandro R, Rizzo A, Conti F, Minniti A, Barbati C, Vomero M, Pendolino M, Finucci A, Ortona E, Colasanti T, Pierdominici M, Malorni W, Triolo G, Valesini G. CD4 T lymphocyte autophagy is upregulated in the salivary glands of primary Sjögren's syndrome patients and correlates with focus score and disease activity. Arthritis Res Ther. 2017 Jul 25;19(1):178. doi: 10.1186/s13075-017-1385-y. PubMed PMID: 28743286; PubMed Central PMCID: PMC5526255.

4: Ventura-Clapier R, Dworatzek E, Seeland U, Kararigas G, Arnal JF, Brunelleschi S, Carpenter TC, Erdmann J, Franconi F, Giannetta E, Glezerman M, Hofmann SM, Junien C, Katai M, Kublickiene K, König IR, Majdic G, Malorni W, Mieth C, Miller VM, Reynolds RM, Shimokawa H, Tannenbaum C, D'Ursi AM, Regitz-Zagrosek V. Sex in basic research: concepts in the cardiovascular field. Cardiovasc Res. 2017 Jun 1;113(7):711-724. doi: 10.1093/cvr/cvx066. PubMed PMID: 28472454.

5: Degli Esposti M, Matarrese P, Tinari A, Longo A, Recalchi S, Khosravi-Far R, Malorni W, Misasi R, Garofalo T, Sorice M. Changes in membrane lipids drive increased endocytosis following Fas ligation. Apoptosis. 2017 May;22(5):681-695. doi: 10.1007/s10495-017-1362-6. PubMed PMID: 28299505.

6: Buoncervello M, Marconi M, Carè A, Piscopo P, Malorni W, Matarrese P. Preclinical models in the study of sex differences. Clin Sci (Lond). 2017 Mar 1;131(6):449-469. doi: 10.1042/CS20160847. Review. PubMed PMID: 28265036.

7: Del Principe D, Pietraforte D, Gambardella L, Marchesi A, Tarissi de Jacobis I, Villani A, Malorni W, Straface E. Pathogenetic determinants in Kawasaki disease: the haematological point of view. J Cell Mol Med. 2017 Apr;21(4):632-639. doi: 10.1111/jcmm.12992. Epub 2017 Jan 7. Review. PubMed PMID: 28063205; PubMed Central PMCID: PMC5345614.

8: Pierdominici M, Maselli A, Locatelli SL, Ciarlo L, Careddu G, Patrizio M, Ascione B, Tinari A, Carlo-Stella C, Malorni W, Matarrese P, Ortona E. Estrogen receptor β ligation inhibits Hodgkin lymphoma growth by inducing autophagy. Oncotarget. 2017 Jan 31;8(5):8522-8535. doi: 10.18632/oncotarget.14338. PubMed PMID: 28052027; PubMed Central PMCID: PMC5352419.

9: Straface E, Malorni W, Pietraforte D. Sex Differences in Redox Biology: A Mandatory New Point of View Approaching Human Inflammatory Diseases. Antioxid Redox Signal. 2017 Jan 1;26(1):44-45. doi: 10.1089/ars.2016.6931. Epub 2016 Dec 1. PubMed PMID: 27796122.

10: Tommasino C, Gambardella L, Buoncervello M, Griffin RJ, Golding BT, Alberton M, Macchia D, Spada M, Cerbelli B, d'Amati G, Malorni W, Gabriele L, Giammarioli AM. New derivatives of the antimalarial drug Pyrimethamine in the control of melanoma tumor growth: an in vitro and in vivo study. *J Exp Clin Cancer Res.* 2016 Sep 6;35(1):137. doi: 10.1186/s13046-016-0409-9. PubMed PMID: 27599543; PubMed Central PMCID: PMC5013574.

11: Puoti F, Ricci A, Nanni-Costa A, Ricciardi W, Malorni W, Ortona E. Organ transplantation and gender differences: a paradigmatic example of intertwining between biological and sociocultural determinants. Biol Sex Differ. 2016 Jul 28;7:35. doi: 10.1186/s13293-016-0088-4. eCollection 2016. PubMed PMID: 27471591; PubMed Central PMCID: PMC4964018.

12: Ortona E, Delunardo F, Baggio G, Malorni W. A sex and gender perspective in medicine: a new mandatory challenge for human health. Preface. Ann Ist Super Sanita. 2016 Apr-Jun;52(2):146-8. doi: 10.4415/ANN_16_02_02. PubMed PMID: 27364385.

13: Garofalo T, Matarrese P, Manganelli V, Marconi M, Tinari A, Gambardella L, Faggioni A, Misasi R, Sorice M, Malorni W. Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. *Autophagy.* 2016 Jun 2;12(6):917-35. doi: 10.1080/15548627.2016.1160971. Epub 2016 Apr 28. PubMed PMID: 27123544.

14: Matarrese P, Abbruzzese C, Mileo AM, Vona R, Ascione B, Visca P, Rollo F, Benevolo M, Malorni W, Paggi MG. Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. Oncotarget. 2016 Apr 8. doi: 10.18632/oncotarget.8646. [Epub ahead of print] PubMed PMID: 27072581.

15: Maselli A, Capoccia S, Pugliese P, Raggi C, Cirulli F, Fabi A, Malorni W, Pierdominici M, Ortona E. Autoantibodies specific to estrogen receptor alpha act as estrogen agonists and their levels correlate with breast cancer cell proliferation. Oncoimmunology. 2015 Aug 12;5(2):e1074375. eCollection 2016 Feb. PubMed PMID: 27057440; PubMed Central PMCID: PMC4801453.

16: Klionsky DJ, et al. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy.* 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356.
Erratum in: *Autophagy.* 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

17: Gambardella L, Vona R, Pichini S, Pacifici R, Malorni W, Straface E. Gender difference in platelet aggregation and reactivity induced by recombinant human erythropoietin. Br J Clin Pharmacol. 2016 Apr;81(4):789-91. doi: 10.1111/bcp.12835. Epub 2016 Feb 1. PubMed PMID: 26592206; PubMed Central PMCID: PMC4799924.

18: Falasca L, Torino F, Marconi M, Costantini M, Pompeo V, Sentinelli S, De Salvo L, Patrizio M, Padula C, Gallucci M, Piacentini M, Malorni W. AMBRA1 and SQSTM1 expression pattern in prostate cancer. Apoptosis. 2015 Dec;20(12):1577-86. doi: 10.1007/s10495-015-1176-3. PubMed PMID: 26423274; PubMed Central PMCID: PMC4602066.

19: Ortona E, Colasanti T, Derme M, Iannini I, Vomero M, Sorice M, D'Alessandro F, Costa AN, Malorni W, Orlando G, Framarino-dei-Malatesta M. Serum Antiphospholipid Antibodies in Transplanted Patients: Potential Follow-up Markers to Assess Pregnancy Risk? Transplantation. 2015 Sep;99(9):e152-4. doi: 10.1097/TP.0000000000000835. PubMed PMID: 26308418.

20: Scirocco A, Matarrese P, Carabotti M, Ascione B, Malorni W, Severi C. Cellular and Molecular Mechanisms of Phenotypic Switch in Gastrointestinal Smooth Muscle. *J Cell Physiol.* 2016 Feb;231(2):295-302. doi: 10.1002/jcp.25105. Review. PubMed PMID: 26206426.

21: DI Franco M, Gambardella L, DI Lollo AC, Malorni W, Valesini G, Straface E. Possible Implication of Red Blood Cells in the Prothrombotic Risk in Early Rheumatoid Arthritis. *J Rheumatol.* 2015 Jul;42(7):1352-4. doi: 10.3899/jrheum.141396. PubMed PMID: 26136553.

22: Del Principe D, Ruggieri A, Pietraforte D, Villani A, Vitale C, Straface E, Malorni W. The relevance of estrogen/estrogen receptor system on the gender difference in cardiovascular risk. *Int J Cardiol.* 2015;187:291-8. doi: 10.1016/j.ijcard.2015.03.145. Epub 2015 Mar 17. Review. PubMed PMID: 25839625.

23: Matarrese P, Malorni W. The role of sphingolipids and lipid rafts in determining cell fate. *Apoptosis.* 2015 May;20(5):581-3. doi: 10.1007/s10495-015-1113-5. PubMed PMID: 25792235.

24: Tommasino C, Marconi M, Ciarlo L, Matarrese P, Malorni W. Autophagic flux and autophagosome morphogenesis require the participation of sphingolipids. *Apoptosis.* 2015 May;20(5):645-57. doi: 10.1007/s10495-015-1102-8. Review. PubMed PMID: 25697338.

25: Barbati C, Alessandri C, Vomero M, Vona R, Colasanti T, Vacirca D, Camerini S, Crescenzi M, Pendolino M, Truglia S, Conti F, Garofalo T, Sorice M, Pierdominici M, Valesini G, Malorni W, Ortona E. Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. *J Autoimmun.* 2015 Apr;58:78-89. doi: 10.1016/j.jaut.2015.01.005. Epub 2015 Jan 24. PubMed PMID: 25623267.

26: Pietraforte D, Gambardella L, Marchesi A, de Jacobis IT, Viora M, Del Principe D, Villani A, Malorni W, Straface E. Red blood cells as bioindicators of cardiovascular risk in Kawasaki disease: A case report. *Int J Cardiol.* 2015 Feb 15;181:311-3. doi: 10.1016/j.ijcard.2014.11.223. Epub 2014 Dec 13. PubMed PMID: 25540846.

27: Guidetti A, Carlo-Stella C, Locatelli SL, Malorni W, Mortarini R, Viviani S, Russo D, Marchianò A, Sorasio R, Doderò A, Farina L, Giordano L, Di Nicola M, Anichini A, Corradini P, Gianni AM. Phase II study of perifosine and sorafenib dual-targeted therapy in patients with relapsed or refractory lymphoproliferative diseases. *Clin Cancer Res.* 2014 Nov 15;20(22):5641-51. doi: 10.1158/1078-0432.CCR-14-0770. Epub 2014 Sep 19. PubMed PMID: 25239609.

28: Galluzzi L, Bravo-San Pedro JM, Vitale I, Aaronson SA, Abrams JM, Adam D, Alnemri ES, Altucci L, Andrews D, Annicchiarico-Petruzzelli M, Baehrecke EH, Bazan NG, Bertrand MJ, Bianchi K, Blagosklonny MV, Blomgren K, Borner C, Bredesen DE, Brenner C, Campanella M, Candi E, Cecconi F, Chan FK, Chandel NS, Cheng EH, Chipuk JE, Cidlowski JA, Ciechanover A, Dawson TM, Dawson VL, De Laurenzi V, De Maria R, Debatin KM, Di Daniele N, Dixit VM, Dynlacht BD, El-Deiry WS, Fimia GM, Flavell RA, Fulda S, Garrido C, Gougeon ML, Green DR, Gronemeyer H, Hajnóczky G,

Hardwick JM, Hengartner MO, Ichijo H, Joseph B, Jost PJ, Kaufmann T, Kepp O, Klionsky DJ, Knight RA, Kumar S, Lemasters JJ, Levine B, Linkermann A, Lipton SA, Lockshin RA, López-Otín C, Lugli E, Madeo F, Malorni W, Marine JC, Martin SJ, Martinou JC, Medema JP, Meier P, Melino S, Mizushima N, Moll U, Muñoz-Pinedo C, Nuñez G, Oberst A, Panaretakis T, Penninger JM, Peter ME, Piacentini M, Pinton P, Prehn JH, Puthalakath H, Rabinovich GA, Ravichandran KS, Rizzuto R, Rodrigues CM, Rubinsztein DC, Rudel T, Shi Y, Simon HU, Stockwell BR, Szabadkai G, Tait SW, Tang HL, Tavernarakis N, Tsujimoto Y, Vanden Berghe T, Vandenabeele P, Villunger A, Wagner EF, Walczak H, White E, Wood WG, Yuan J, Zakeri Z, Zhivotovskiy B, Melino G, Kroemer G. Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. *Cell Death Differ.* 2015 Jan;22(1):58-73. doi: 10.1038/cdd.2014.137. Epub 2014 Sep 19. Review. PubMed PMID: 25236395; PubMed Central PMCID: PMC4262782.

29: Fraticelli P, Gabrielli B, Pomponio G, Valentini G, Bosello S, Riboldi P, Gerosa M, Faggioli P, Giacomelli R, Del Papa N, Gerli R, Lunardi C, Bombardieri S, Malorni W, Corvetta A, Moroncini G, Gabrielli A; Imatinib in Scleroderma Italian Study Group. Low-dose oral imatinib in the treatment of systemic sclerosis interstitial lung disease unresponsive to cyclophosphamide: a phase II pilot study. *Arthritis Res Ther.* 2014 Jul 8;16(4):R144. doi: 10.1186/ar4606. PubMed PMID: 25007944; PubMed Central PMCID: PMC4227120.

30: Colasanti T, Vomero M, Alessandri C, Barbati C, Maselli A, Camperio C, Conti F, Tinari A, Carlo-Stella C, Tuosto L, Benincasa D, Valesini G, Malorni W, Pierdominici M, Ortona E. Role of alpha-synuclein in autophagy modulation of primary human T lymphocytes. *Cell Death Dis.* 2014 May 29;5:e1265. doi: 10.1038/cddis.2014.211. PubMed PMID: 24874737; PubMed Central PMCID: PMC4047919.

31: Armani A, Cinti F, Marzolla V, Morgan J, Cranston GA, Antelmi A, Carpinelli G, Canese R, Pagotto U, Quarta C, Malorni W, Matarrese P, Marconi M, Fabbri A, Rosano G, Cinti S, Young MJ, Caprio M. Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat-diet-fed mice. *FASEB J.* 2014 Aug;28(8):3745-57. doi: 10.1096/fj.13-245415. Epub 2014 May 7. PubMed PMID: 24806198.

32: Sgarbi G, Matarrese P, Pinti M, Lanzarini C, Ascione B, Gibellini L, Dika E, Patrizi A, Tommasino C, Capri M, Cossarizza A, Baracca A, Lenaz G, Solaini G, Franceschi C, Malorni W, Salvioli S. Mitochondria hyperfusion and elevated autophagic activity are key mechanisms for cellular bioenergetic preservation in centenarians. *Aging (Albany NY).* 2014 Apr;6(4):296-310. PubMed PMID: 24799450; PubMed Central PMCID: PMC4032796.

33: Ruggieri A, Gambardella L, Maselli A, Vona R, Anticoli S, Panusa A, Malorni W, Matarrese P. Statin-induced impairment of monocyte migration is gender-related. *J Cell Physiol.* 2014 Dec;229(12):1990-8. doi: 10.1002/jcp.24657. PubMed PMID: 24777636.

34: Pietraforte D, Malorni W. Focusing at the double-edged sword of redox imbalance: signals for cell survival or for cell death? *Antioxid Redox Signal.* 2014 Jul 1;21(1):52-5. doi: 10.1089/ars.2014.5914. Epub 2014 Apr 22. PubMed PMID: 24635183.

35: Ortona E, Matarrese P, Malorni W. Taking into account the gender issue in cell death studies. *Cell Death Dis.* 2014 Mar 13;5:e1121. doi: 10.1038/cddis.2014.73. PubMed PMID: 24625980; PubMed Central PMCID: PMC3973234.

36: Datan E, Shirazian A, Benjamin S, Matasov D, Tinari A, Malorni W, Lockshin RA, Garcia-Sastre A, Zakeri Z. mTOR/p70S6K signaling distinguishes routine,

maintenance-level autophagy from autophagic cell death during influenza A infection. *Virology*. 2014 Mar;452-453:175-90. doi: 10.1016/j.virol.2014.01.008. Epub 2014 Feb 5. PubMed PMID: 24606695; PubMed Central PMCID: PMC4005847.

37: Matarrese P, Garofalo T, Manganelli V, Gambardella L, Marconi M, Grasso M, Tinari A, Misasi R, Malorni W, Sorice M. Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. *Autophagy*. 2014 May;10(5):750-65. doi: 10.4161/auto.27959. Epub 2014 Feb 10. PubMed PMID: 24589479.

38: Locatelli SL, Cleris L, Stirparo GG, Tartari S, Saba E, Pierdominici M, Malorni W, Carbone A, Anichini A, Carlo-Stella C. BIM upregulation and ROS-dependent necroptosis mediate the antitumor effects of the HDACi Givinostat and Sorafenib in Hodgkin lymphoma cell line xenografts. *Leukemia*. 2014 Sep;28(9):1861-71. doi: 10.1038/leu.2014.81. Epub 2014 Feb 24. PubMed PMID: 24561519.

39: Pietraforte D, Gambardella L, Marchesi A, Tarissi de Jacobis I, Villani A, Del Principe D, Malorni W, Straface E. Platelets in Kawasaki patients: two different populations with different mitochondrial functions. *Int J Cardiol*. 2014 Mar 15;172(2):526-8. doi: 10.1016/j.ijcard.2014.01.022. Epub 2014 Jan 22. PubMed PMID: 24491862.

40: Pierdominici M, Barbati C, Vomero M, Locatelli SL, Carlo-Stella C, Ortona E, Malorni W. Autophagy as a pathogenic mechanism and drug target in lymphoproliferative disorders. *FASEB J*. 2014 Feb;28(2):524-35. doi: 10.1096/fj.13-235655. Epub 2013 Nov 6. Review. PubMed PMID: 24196588.

41: Pennarun B, Gaidos G, Bucur O, Tinari A, Rupasinghe C, Jin T, Dewar R, Song K, Santos MT, Malorni W, Mierke D, Khosravi-Far R. killerFLIP: a novel lytic peptide specifically inducing cancer cell death. *Cell Death Dis*. 2013 Oct 31;4:e894. doi: 10.1038/cddis.2013.401. PubMed PMID: 24176852; PubMed Central PMCID: PMC3920952.

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Complete list of publications (345) at: ncbi.nlm.nih.gov/pubmed

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
B2	B2	B2	B2	B1

(*) Common European Framework of Reference (CEF) level

"Autorizzo il trattamento dei miei dati personali ai sensi del Regolamento UE 2016/679 sul trattamento dei dati personali e del precedente d.lgs. 196/03"

Walter Malorni

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read 'Walter Malorni'.