

# Curriculum Vitæ

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## Informazioni personali

Nome MARAMPON Francesco  
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Cittadinanza ITA  
Data di nascita 09/05/1977

## Titoli di studio

Titolo conseguito Laurea (vecchio ordin.)  
Descrizione MEDICINA E CHIRURGIA  
Voto conseguito 110/110 e lode  
Nome e indirizzo istituzione Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA

Data di conseguimento 22/07/2014  
Titolo conseguito Diploma di scuola di specializzazione  
Descrizione Radioterapia  
Voto conseguito 50/50 cum laude  
Titolo della Tesi Hypoxia sustains glioblastoma radioresistance through ERKs/DNA-PKcs/HIF-1 alpha; functional interplay.  
Nome e indirizzo istituzione Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA

Data di conseguimento 11/05/2009  
Titolo conseguito Dottore di ricerca  
Titolo della Tesi c-Myc nel Rabbdomiosarcoma umano: bersaglio degli inibitori del pathway di MEKs/ERKs nella reversione del fenotipo trasformato in vitro ed in vivo  
Titolo dottorato MEDICINA SPERIMENTALE ED ENDOCRINOLOGIA  
Nome e indirizzo istituzione Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA

## Esperienze

Periodo 05/11/2018 - oggi  
Posizione Ricercatore universitario a t.d.  
Qualifica Ricercatore a t.d. (art. 24 c.3-b L. 240/10)  
Nome e indirizzo istituzione Università degli Studi di ROMA "La Sapienza" - P.zza Aldo Moro, 5 - ROMA  
Struttura Dip. L.240/2010 Scienze radiologiche, oncologiche e anatomo-patologiche

Periodo 01/12/2016 - 30/11/2017  
Posizione Assegnista di ricerca

Nome e indirizzo istituzione	Università degli Studi di ROMA "Foro Italico" - Piazza Lauro de Bosis, 15 - ROMA
Struttura	Dip. L.240/2010 SCIENZE MOTORIE, UMANE E DELLA SALUTE
Periodo	01/11/2015 - 31/12/2016
Posizione	Visiting Researcher
Qualifica	Visiting Researcher
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. L.240/2010 Scienze cliniche applicate e biotecnologiche
Periodo	01/07/2014 - 31/12/2016
Posizione	Visiting Researcher
Qualifica	Visiting Researcher
Tipo di attività svolta	L'Aquila
Nome e indirizzo istituzione	Università degli Studi di ROMA "La Sapienza" - P.zza Aldo Moro, 5 - ROMA
Struttura	Dip. L.240/2010 Scienze radiologiche, oncologiche e anatomo-patologiche
Periodo	01/07/2014 - 31/10/2015
Posizione	Visiting Researcher
Qualifica	Visiting Researcher
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. L.240/2010 Medicina clinica, sanità pubblica, scienze della vita e dell'ambiente
Periodo	01/07/2012 - 30/06/2014
Posizione	Specializzando
Tipo di attività svolta	Specializzando in Radioterapia Oncologica
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. L.240/2010 Scienze cliniche applicate e biotecnologiche
Periodo	30/06/2009 - 30/06/2012
Posizione	Specializzando
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. L.240/2010 Scienze cliniche applicate e biotecnologiche
Esperienza	Partecipazione a progetto di ricerca
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. MEDICINA SPERIMENTALE
Titolo progetto	Infiammazione e carcinogenesi prostatica: ruolo dei Toll Like Receptor.
Tipo bando	PRIN - ANNO 2007
Anno bando	2007
Responsabile U.O.	Bianca Maria Zani
Periodo	01/03/2009 - 30/05/2009
Posizione	Collaboratore a progetto
Qualifica	Collaboratore a progetto
Nome e indirizzo	

istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. MEDICINA SPERIMENTALE
Periodo	12/12/2005 - 11/12/2008
Posizione	Dottorando
Nome e indirizzo istituzione	Università degli Studi dell'AQUILA - Via Giovanni Di Vincenzo 16/B - L'AQUILA
Struttura	Dip. MEDICINA SPERIMENTALE
Titolo dottorato	MEDICINA SPERIMENTALE ED ENDOCRINOLOGIA
Periodo	12/11/2007 - 30/11/2008
Posizione	Visiting Researcher
Qualifica	Visiting Researcher
Tipo di attività svolta	Thomas Jefferson University, Philadelphia
Nome e indirizzo istituzione	Kimmel Cancer Institute-Thomas Jefferson University - -

**Elenco dei prodotti della ricerca**

Bonfilì P, GRAVINA, GIOVANNI LUCA, Marampon F, Rughetti A, Di Staso M, Dell'Orso L, Vittorini F, Moro R, La Verghetta ME, Parente S, Reale M, Ruggieri V, Franzese P, TOMBOLINI, Vincenzo, Masciocchi C, Di Cesare E. (in stampa). Oral Platelet Gel Supernatant Plus Supportive Medical Treatment Versus Supportive Medical Treatment in the Management of Radiation-induced Oral Mucositis: A Matched Explorative Active Control Trial by Propensity Analysis. AMERICAN JOURNAL OF CLINICAL ONCOLOGY: CANCER CLINICAL TRIALS, ISSN: 0277-3732, doi: 10.1097/COC.0000000000000177

F. Marampon<sup>1, 2</sup>, Gravina, G. L., Ju, X., Vetuschi, A., Sferra, R., Casimiro, M. C., Pompili, S., Festuccia, C., Colapietro, A., GAUDIO, EUGENIO, Di Cesare, E., TOMBOLINI, Vincenzo (in stampa). Cyclin D1 silencing suppresses tumorigenicity, impairs DNA double strand break repair and thus radiosensitizes androgenindependent prostate cancer cells to DNA damage. ONCOTARGET, ISSN: 1949-2553, doi: 10.18632/oncotarget.6579

Marampon, F., Antonozzi, C., Corinaldesi, C., Vannelli, G. B., Sarchielli, E., Migliaccio, S., Di Luigi, L., LENZI,

Andrea, Crescioli, C. (in stampa). The phosphodiesterase 5 inhibitor tadalafil regulates lipidic homeostasis in human skeletal muscle cell metabolism. ENDOCRINE, ISSN: 1355-008X, doi: 10.1007/s12020-017-1378-2

Antinozzi, C., Marampon, F., Sgrò, P., Tombolini, V., Lenzi, A., Crescioli, C., Di Luigi, L. (2019). Comparative study of testosterone and vitamin D analogue, elocalcitol, on insulin-controlled signal transduction pathway regulation in human skeletal muscle cells. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097, doi: 10.1007/s40618-018-0998-6

Codenotti, Silvia, Faggi, Fiorella, Ronca, Roberto, Chiodelli, Paola, Grillo, Elisabetta, Guescini, Michele, Megiorni, Francesca, Marampon, Francesco, Fanzani, Alessandro (2019). Caveolin-1 enhances metastasis formation in a human model of embryonal rhabdomyosarcoma through Erk signaling cooperation. CANCER LETTERS, vol. 449, p. 135-144, ISSN: 0304-3835, doi: 10.1016/j.canlet.2019.02.013

De Felice F., Benevento I., Bulzonetti N., Shima B., Rubini F., Marampon F., Musio D., Tombolini V. (2019). Hypofractionated intensity-modulated radiotherapy in locally advanced unresectable pancreatic cancer: A pilot study. CURRENT PROBLEMS IN CANCER, ISSN: 0147-0272, doi: 10.1016/j.currproblcancer.2019.04.003

De Felice F., Marchetti C., Marampon F., Casciulli G., Muzii L., Tombolini V. (2019). Radiation effects on male fertility. ANDROLOGY, vol. 7, p. 2-7, ISSN: 2047-2919, doi: 10.1111/andr.12562

De Felice, F., Pranno, N., Marampon, F., Musio, D., Salducci, M., Polimeni, A., Tombolini, V. (2019). Immune check-point in glioblastoma multiforme. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY, vol. 138, p. 60-69, ISSN: 1040-8428, doi: 10.1016/j.critrevonc.2019.03.019

De Felice, Francesca, Vetrone, Luigia, Bulzonetti, Nadia, Caiazzo, Rossella, Marampon, Francesco, Musio, Daniela, Tombolini, Vincenzo (2019). Hypofractionated radiotherapy combined with cetuximab in vulnerable elderly patients with locally advanced head and neck

squamous cell carcinoma. MEDICAL ONCOLOGY, vol. 36, ISSN: 1357-0560, doi: 10.1007/s12032-019-1292-y

Felice, F. D. E., Megiorni, F., Pietrantonio, I., Tini, P., Lessiani, G., Mastroiacovo, D., Mattana, P., Antinozzi, C., Luigi, L. D. I., Delle Monache, S., Angelucci, A., Festuccia, C., Fanzani, A., Maggio, R., Tombolini, V., Gravina, G. L., Marampon, F. (2019). Sulodexide counteracts endothelial dysfunction induced by metabolic or non-metabolic stresses through activation of the autophagic program. EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol. 23, p. 2669-2680, ISSN: 1128-3602, doi: 10.26355/eurrev\_201903\_17415

Giannattasio, S., Megiorni, F., Di Nisio, V., Del Fattore, A., Fontanella, R., Camero, S., Antinozzi, C., Festuccia, C., Gravina, G. L., Cecconi, S., Dominici, C., Di Luigi, L., Ciccarelli, C., De Cesaris, P., Riccioli, A., Zani, B. M., Lenzi, A., Pestell, R. G., Filippini, A., Crescioli, C., Tombolini, V., Marampon, F. (2019). Testosterone-mediated activation of androgenic signalling sustains in vitro the transformed and radioresistant phenotype of rhabdomyosarcoma cell lines. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol. 42, p. 183-197, ISSN: 1720-8386, doi: 10.1007/s40618-018-0900-6

Gravina, Giovanni, Mancini, Andrea, Colapietro, Alessandro, Delle Monache, Simona, Sferra, Roberta, Vitale, Flora, Cristiano, Loredana, Martellucci, Stefano, Marampon, Francesco, Mattei, Vincenzo, Beirinckx, Filip, Pujuguet, Philippe, Saniere, Laurent, Lorenzon, Giocondo, van der Aar, Ellen, Festuccia, Claudio (2019). The small molecule ephrin receptor inhibitor, GLPG1790, Reduces renewal capabilities of cancer stem cells, showing anti-tumour efficacy on preclinical glioblastoma models. CANCERS, vol. 11, p. 1-27, ISSN: 2072-6694, doi: 10.3390/cancers11030359

Lisi, Roberto, Abate, Gessica, D'Urso, Pasqualina, Martinetti, Maria Teresa, Siniscalchi, Benedetta, Marampon, Francesco, Bulzonetti, Nadia, Tombolini, Vincenzo (2019). Successful role of adjuvant radiotherapy in a rare case of tracheal inflammatory

myofibroblastic tumor: a case report. TUMORI, ISSN: 0300-8916, doi: 10.1177/0300891619838333

Marampon, Francesco, Codenotti, Silvia, Megiorni, Francesca, Del Fattore, Andrea, Camero, Simona, Gravina, Giovanni Luca, Festuccia, Claudio, Musio, Daniela, De Felice, Francesca, Santoro, Anna Natalizia, Dominici, Carlo, Fanzani, Alessandro, Pirtoli, Luigi, Fioravanti, Antonella, Tombolini, Vincenzo, Cheleschi, Sara, Tini, Paolo (2019). NRF2 orchestrates the redox regulation induced by radiation therapy, sustaining embryonal and alveolar rhabdomyosarcoma cells radioresistance. JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol. 145, p. 881-893, ISSN: 0171-5216, doi: 10.1007/s00432-019-02851-0

Marampon, Francesco, Di Nisio, Valentina, Pietrantoni, Ilaria, Petragnano, Francesco, Fasciani, Irene, Scicchitano, Bianca Maria, Ciccarelli, Carmela, Gravina, Giovanni Luca, Festuccia, Claudio, Del Fattore, Andrea, Tombolini, Mario, De Felice, Francesca, Musio, Daniela, Cecconi, Sandra, Tini, Paolo, Maddalo, Marta, Codenotti, Silvia, Fanzani, Alessandro, Polimeni, Antonella, Maggio, Roberto, Tombolini, Vincenzo (2019). Pro-differentiating and radiosensitizing effects of inhibiting HDACs by PXD-101 (Belinostat) in in vitro and in vivo models of human rhabdomyosarcoma cell lines. CANCER LETTERS, vol. 461, p. 90-101, ISSN: 0304-3835, doi: 10.1016/j.canlet.2019.07.009

Marampon, Francesco, Leoni, Flavio, Mancini, Andrea, Pietrantoni, Ilaria, Codenotti, Silvia, Letizia, Ferella, Megiorni, Francesca, Porro, Giuliana, Galbiati, Elisabetta, Pozzi, Pietro, Mascagni, Paolo, Budillon, Alfredo, Maggio, Roberto, Tombolini, Vincenzo, Fanzani, Alessandro, Gravina, Giovanni Luca, Festuccia, Claudio (2019). Histone deacetylase inhibitor ITF2357 (givinostat) reverts transformed phenotype and counteracts stemness in in vitro and in vivo models of human glioblastoma. JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol. 145, p. 393-409, ISSN: 0171-5216, doi: 10.1007/s00432-018-2800-8

Battafarano, Giulia, Rossi, Michela, Marampon, Francesco, Del Fattore, Andrea (2018). Cellular and

molecular mediators of bone metastatic lesions.  
INTERNATIONAL JOURNAL OF MOLECULAR  
SCIENCES, vol. 19, p. 1-12, ISSN: 1422-0067, doi:  
10.3390/ijms19061709

Ciccarelli, Carmela, Di Rocco, Agnese, Gravina, Giovanni  
Luca, Mauro, Annunziata, Festuccia, Claudio, Del  
Fattore, Andrea, Berardinelli, Paolo, De Felice,  
Francesca, Musio, Daniela, Bouché, Marina, Tombolini,  
Vincenzo, Zani, Bianca Maria, Marampon, Francesco  
(2018). Disruption of MEK/ERK/c-Myc signaling  
radiosensitizes prostate cancer cells in vitro and in vivo.  
JOURNAL OF CANCER RESEARCH AND CLINICAL  
ONCOLOGY, ISSN: 0171-5216, doi:  
10.1007/s00432-018-2696-3

Codenotti, Silvia, Poli, Maura, Asperti, Michela, Zizioli,  
Daniela, Marampon, Francesco, Fanzani, Alessandro  
(2018). Cell growth potential drives ferroptosis  
susceptibility in rhabdomyosarcoma and myoblast cell  
lines. JOURNAL OF CANCER RESEARCH AND  
CLINICAL ONCOLOGY, vol. 144, p. 1717-1730, ISSN:  
0171-5216, doi: 10.1007/s00432-018-2699-0

De Felice, Francesca, D'Ambrosio, Giancarlo, Musio,  
Daniela, Iafrate, Franco, Benevento, Ilaria, Marzo,  
Marco, Mancini, Marialaura, Urbano, Federica, Iannitti,  
Marcella, Marampon, Francesco, Bulzonetti, Nadia,  
Cortesi, Enrico, Tombolini, Vincenzo (2018). Induction  
chemotherapy followed by neoadjuvant  
chemoradiotherapy and surgery in locally advanced  
rectal cancer: preliminary results of a phase II study.  
ONCOTARGET, vol. 9, ISSN: 1949-2553, doi:  
10.18632/oncotarget.26101

Fasciani, Irene, Pietrantoni, Ilaria, Rossi, Mario,  
Mannoury la Cour, Clotilde, Aloisi, Gabriella, Marampon,  
Francesco, Scarselli, Marco, Millan, Mark J., Maggio,  
Roberto (2018). Distinctive binding properties of the  
negative allosteric modulator, [3H]SB269,652, at  
recombinant dopamine D3 receptors. EUROPEAN  
JOURNAL OF PHARMACOLOGY, vol. 819, p. 181-189,  
ISSN: 0014-2999, doi: 10.1016/j.ejphar.2017.12.002

Festuccia, C, Mancini, A, Colapietro, A, Gravina, G L,

Vitale, F, Marampon, F, Delle Monache, S, Pompili, S, Cristiano, L, Vetuschi, A, Tombolini, V, Chen, Y, Mehrling, T (2018). Correction to: The first-in-class alkylating deacetylase inhibitor molecule tinostamustine shows antitumor effects and is synergistic with radiotherapy in preclinical models of glioblastoma. JOURNAL OF HEMATOLOGY & ONCOLOGY, vol. 11, ISSN: 1756-8722, doi: 10.1186/s13045-018-0587-3

Festuccia, Claudio, Mancini, Andrea, Colapietro, Alessandro, Gravina, Giovanni Luca, Vitale, Flora, Marampon, Francesco, Delle Monache, Simona, Pompili, Simona, Cristiano, Loredana, Vetuschi, Antonella, Tombolini, Vincenzo, Chen, Yi, Mehrling, Thomas (2018). The first-in-class alkylating deacetylase inhibitor molecule tinostamustine shows antitumor effects and is synergistic with radiotherapy in preclinical models of glioblastoma. JOURNAL OF HEMATOLOGY & ONCOLOGY, vol. 11, ISSN: 1756-8722, doi: 10.1186/s13045-018-0576-6

Giannattasio S, Megiorni F, Di Nisio V, Del Fattore A, Fontanella R, Camero S, Antinozzi C, Festuccia C, Gravina GL, Cecconi S, Dominici C, Di Luigi L, Ciccarelli C, De Cesaris P, Riccioli A, Zani BM, Lenzi A, Pestell RG, Filippini A, Crescioli C, Tombolini V, Marampon F (2018). Testosterone-mediated activation of androgenic signalling sustains in vitro the transformed and radioresistant phenotype of rhabdomyosarcoma cell lines.. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 1720-8386

Pietrantoni I., Rossi M., Scarselli M., Fasciani I., Marampon F., Maggio R. (2018). Dichlorodiphenyltrichloroethane, an old pesticide with a new mechanism of toxicity. CURRENT TOPICS IN PHARMACOLOGY, vol. 22, p. 69-76, ISSN: 0972-4559

Rossi M, Mannoury la Cour C, Aloisi G, Marampon F, Scarselli M, Millan M, Maggio R (2018). Distinctive binding properties of the negative allosteric modulator, [3H]SB269,652, at recombinant dopamine D3 receptors. EUROPEAN JOURNAL OF PHARMACOLOGY, ISSN: 0014-2999



ANTINOZZI, CRISTINA, Marampon, Francesco, Corinaldesi, C, VICINI, Elena, SGRO', PAOLO GIUSEPPE MARIA, Vannelli, G. B, LENZI, Andrea, Crescioli, C, Di Luigi, L. (2017). Testosterone insulin-like effects: an in vitro study on the short-term metabolic effects of testosterone in human skeletal muscle cells. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol. 40, p. 1133-1143, ISSN: 1720-8386, doi: 10.1007/s40618-017-0686-y

DE FELICE, FRANCESCA, TOMBOLINI, MARIO, MUSELLA, ANGELA, Marampon, Francesco, TOMBOLINI, Vincenzo, Musio, Daniela (2017). Radiation therapy and serum salivary amylase in head and neck cancer. ONCOTARGET, vol. 8, p. 90496-90500, ISSN: 1949-2553, doi: 10.18632/oncotarget.18763

De Felice, Francesca, Tombolini, Vincenzo, Marampon, Francesco, Musella, Angela, Marchetti, Claudia (2017). Defective DNA repair mechanisms in prostate cancer: impact of olaparib. DRUG DESIGN, DEVELOPMENT AND THERAPY, vol. 11, p. 547-552, ISSN: 1177-8881, doi: 10.2147/DDDT.S110264

GRAVINA GL, MANCINI A, COLAPIETRO A, VITALE F, VETUSCHI A, POMPILI S, ROSSI G, MARAMPON F, RICHARDSON PJ, PATIENT L, BURBIDGE S, FESTUCCIA C (2017). THE NOVEL CXCR4 ANTAGONIST, PRX177561, REDUCES TUMOR CELL PROLIFERATION AND ACCELERATES CANCER STEM CELL DIFFERENTIATION IN GLIOBLASTOMA PRECLINICAL MODELS.. TUMOR BIOLOGY, ISSN: 1423-0380

GRAVINA, GIOVANNI LUCA, MANCINI, ANDREA, MARAMPON, Francesco, COLAPIETRO, ALESSANDRO, DELLE MONACHE, SIMONA, SFERRA, ROBERTA, VITALE, FLORA, Richardson, Peter J., Patient, Lee, Burbidge, Stephen, FESTUCCIA, Claudio (2017). The brain-penetrating CXCR4 antagonist, PRX177561, increases the antitumor effects of bevacizumab and sunitinib in preclinical models of human glioblastoma. JOURNAL OF HEMATOLOGY & ONCOLOGY, vol. 10, p. 1-16, ISSN: 1756-8722, doi: 10.1186/s13045-016-0377-8

Gravina, Giovanni Luca, Mancini, Andrea, Colapietro, Alessandro, Marampon, Francesco, Sferra, Roberta, Pompili, Simona, Biordi, Leda Assunta, Iorio, Roberto, Flati, Vincenzo, Argueta, Christian, Landesman, Yosef, Kauffman, Michael, Shacham, Sharon, Festuccia, Claudio (2017). Pharmacological treatment with inhibitors of nuclear export enhances the antitumor activity of docetaxel in human prostate cancer. *ONCOTARGET*, vol. 8, p. 111225-111245, ISSN: 1949-2553, doi: 10.18632/oncotarget.22760

Gravina, Giovanni Luca, Mancini, Andrea, Colapietro, Alessandro, Vitale, Flora, Vetuschi, Antonella, Pompili, Simona, Rossi, Giulia, Marampon, Francesco, Richardson, Peter J., Patient, Lee, Patient, Lee, Burbidge, Stephen, Festuccia, Claudio (2017). The novel CXCR4 antagonist, PRX177561, reduces tumor cell proliferation and accelerates cancer stem cell differentiation in glioblastoma preclinical models. *TUMOR BIOLOGY*, vol. 39, ISSN: 1010-4283, doi: 10.1177/1010428317695528

Gravina, Giovanni Luca, Mancini, Andrea, Mattei, Claudia, Vitale, Flora, Marampon, Francesco, Colapietro, Alessandro, Rossi, Giulia, Ventura, Luca, Vetuschi, Antonella, Di Cesare, Ernesto, Fox, Judith A., Festuccia, Claudio (2017). Enhancement of radiosensitivity by the novel anticancer quinolone derivative vosaroxin in preclinical glioblastoma models. *ONCOTARGET*, vol. 8, p. 29865-29886, ISSN: 1949-2553, doi: 10.18632/oncotarget.16168

Gravina, Giovanni Luca, Marampon, Francesco, Sanità, Patrizia, Festuccia, Claudio, Forcella, Chiara, Scarsella, Luca, Jitariuc, Ana, Vetuschi, Antonella, Sferra, Roberta, Colapietro, Alessandro, Carosa, Eleonora, Dolci, Susanna, Lenzi, Andrea, Jannini, Emmanuele A. (2017). Episode-like pulse testosterone supplementation induces tumor senescence and growth arrest down-modulating androgen receptor through modulation of p-ERK1/2, pAR ser81 and CDK1 signaling: biological implications for men treated with testosterone replacement therapy. *ONCOTARGET*, vol. 8, p. 113792-113806, ISSN: 1949-2553, doi: 10.18632/oncotarget.22776

MEGIORNI, Francesca, GRAVINA, GIOVANNI LUCA,

CAMERO, SIMONA, CECCARELLI, SIMONA, Del Fattore, Andrea, Desiderio, Vincenzo, PAPACCIO, FEDERICA, Mcdowell, Heather P, Shukla, Rajeev, PIZZUTI, Antonio, Beirinckx, Filip, Pujuguet, Philippe, Saniere, Laurent, Der Aar, Ellen Van, Maggio, Roberto, DE FELICE, FRANCESCA, MARCHESE, Cinzia, DOMINICI, Carlo, TOMBOLINI, Vincenzo, Festuccia, Claudio, Marampon, Francesco (2017). Pharmacological targeting of the ephrin receptor kinase signalling by GLPG1790 in vitro and in vivo reverts oncophenotype, induces myogenic differentiation and radiosensitizes embryonal rhabdomyosarcoma cells. JOURNAL OF HEMATOLOGY & ONCOLOGY, vol. 10, ISSN: 1756-8722, doi: 10.1186/s13045-017-0530-z

Marampon F, Antinozzi C, Corinaldesi C, Vicini E, Sgrò P, Vannelli GB, Lenzi A, Crescioli C, Di Luigi L. (2017). Testosterone insulin-like effects: an in vitro study on the short-term metabolic effects of testosterone in human skeletal muscle cells.. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 1720-8386

Marampon F, Megiorni F, Camero S, Crescioli C, McDowell HP, Sferra R, Vetuschi A, Pompili S, Ventura L, De Felice F, Tombolini V, Dominici C, Maggio R, Gravina GL, Festuccia C (2017). HDAC4 and HDAC6 sustain DNA double strand break repair and stemlike phenotype by promoting radioresistance in glioblastoma cells.. CANCER LETTERS, ISSN: 0304-3835

Marampon, Francesco, MEGIORNI, Francesca, CAMERO, SIMONA, Crescioli, Clara, Mcdowell, Heather P, Sferra, Roberta, Vetuschi, Antonella, POMPILI, SIMONA, Ventura, Luca, DE FELICE, FRANCESCA, TOMBOLINI, Vincenzo, DOMINICI, Carlo, Maggio, Roberto, Festuccia, Claudio, GRAVINA, GIOVANNI LUCA (2017). HDAC4 and HDAC6 sustain DNA double strand break repair and stem-like phenotype by promoting radioresistance in glioblastoma cells. CANCER LETTERS, vol. 397, p. 1-11, ISSN: 0304-3835, doi: 10.1016/j.canlet.2017.03.028

Rossi, Mario, Fasciani, Irene, Marampon, Francesco, Maggio, Roberto, Scarselli, Marco (2017). The First

Negative Allosteric Modulator for Dopamine D2 and D3 Receptors, SB269652 May Lead to a New Generation of Antipsychotic Drugs. MOLECULAR PHARMACOLOGY, vol. 91, p. 586-594, ISSN: 0026-895X, doi: 10.1124/mol.116.107607

Rossi, Mario, Fasciani, Irene, Marampon, Francesco, Maggio, Roberto, Scarselli, Marco (2017). The first negative allosteric modulator for dopamine D2 and D3 receptors, SB269652 may lead to a new generation of antipsychotic drugs. MOLECULAR PHARMACOLOGY, vol. 91, p. 586-594, ISSN: 0026-895X, doi: 10.1124/mol.116.107607

Sferra, Roberta, Pompili, Simona, Festuccia, Claudio, Marampon, Francesco, Gravina, Giovanni L., Ventura, Luca, Di Cesare, Ernesto, Cicchinelli, Sara, Gaudio, Eugenio, Vetuschi, Antonella (2017). The possible prognostic role of histone deacetylase and transforming growth factor  $\beta$ /Smad signaling in high grade gliomas treated by radio-chemotherapy: a preliminary immunohistochemical study. EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol. 61, p. 96-105, ISSN: 1121-760X, doi: 10.4081/ejh.2017.2732

Ciccarelli C, Vulcano F, Milazzo L, Gravina GL, Marampon F, Macioce G, Giampaolo A, Tombolini V, Di Paolo V, Hassan HJ, Zani BM (2016). Key role of MEK/ERK pathway in sustaining tumorigenicity and in vitro radioresistance of embryonal rhabdomyosarcoma stem-like cell population. MOLECULAR CANCER, ISSN: 1476-4598

Ciccarelli, Carmela, Vulcano, Francesca, Milazzo, Luisa, GRAVINA, GIOVANNI LUCA, Marampon, Francesco, Macioce, Giampiero, Giampaolo, Adele, TOMBOLINI, Vincenzo, DI PAOLO, VIRGINIA, Hassan, Hamisa Jane, ZANI, Bianca Maria (2016). Key role of MEK/ERK pathway in sustaining tumorigenicity and in vitro radioresistance of embryonal rhabdomyosarcoma stem-like cell population. MOLECULAR CANCER, vol. 15, ISSN: 1476-4598, doi: 10.1186/s12943-016-0501-y

De Felice, Francesca, Musio, Daniela, Gravina, Giovanni Luca, Marampon, Francesco, Tombolini, Vincenzo

(2016). Adjuvant radiation therapy in stage I seminoma: 20 years of oncologic results. *ONCOTARGET*, vol. 7, p. 80077-80082, ISSN: 1949-2553, doi: 10.18632/oncotarget.11374

Gravina GL, Festuccia C, Popov VM, Di Rocco A, Colapietro A, Sanita` P, Delle Monache S, Musio D, De Felice F, Di Cesare E, Tombolini V, Marampon F (2016). c-Myc Sustains Transformed Phenotype and Promotes Radioresistance of Embryonal Rhabdomyosarcoma Cell Lines. *RADIATION RESEARCH*, ISSN: 0033-7587

Gravina GL, Mancini A, Sanità P, Vitale F, Marampon F, Ventura L, Landesman Y, McCauley D, Kauffman M, Shacham S, Festuccia C (2016). KPT-330, a potent and selective exportin-1 (XPO-1) inhibitor, shows antitumor effects modulating the expression of cyclin D1 and surviving in prostate cancer models. *BMC CANCER*, ISSN: 1471-2407

Gravina, G. L, Festuccia, C, Popov, V. M, Di Rocco, A, Colapietro, A, Sanità, P, Monache, S. Delle, Musio, D, DE FELICE, FRANCESCA, Di Cesare, E, TOMBOLINI, Vincenzo, Marampon, F. (2016). c-Myc Sustains Transformed Phenotype and Promotes Radioresistance of Embryonal Rhabdomyosarcoma Cell Lines. *RADIATION RESEARCH*, vol. 185, p. 411-422, ISSN: 0033-7587, doi: 10.1667/RR14237.1

Gravina, Giovanni Luca, Mancini, Andrea, Scarsella, Luca, Colapietro, Alessandro, Jitariuc, Ana, Vitale, Flora, Marampon, Francesco, Ricevuto, Enrico, Festuccia, Claudio (2016). Dual PI3K/mTOR inhibitor, XL765 (SAR245409), shows superior effects to sole PI3K [XL147 (SAR245408)] or mTOR [rapamycin] inhibition in prostate cancer cell models. *TUMOR BIOLOGY*, vol. 37, p. 341-351, ISSN: 1010-4283, doi: 10.1007/s13277-015-3725-3

Gravina, Giovanni Luca, Marampon, Francesco, Sanità, Patrizia, Mancini, Andrea, Colapietro, Alessandro, Scarsella, Luca, Jitariuc, Ana, Biordi, Leda, Ficorella, Corrado, Festuccia, Claudio (2016). Increased expression and activity of p75<sup>NTR</sup> are crucial events in azacitidine-induced cell death in prostate cancer.

ONCOLOGY REPORTS, vol. 36, p. 125-130, ISSN:  
1021-335X, doi: 10.3892/or.2016.4832

MEGIORNI, Francesca, CAMERO, SIMONA,  
CECCARELLI, SIMONA, Mcdowell, Heather P,  
Mannarino, Olga, Marampon, Francesco, Pizer, Barry,  
Shukla, Rajeev, PIZZUTI, Antonio, MARCHESE, Cinzia,  
CLERICO, Anna, DOMINICI, Carlo (2016). DNMT3B in  
vitro knocking-down is able to reverse embryonal  
rhabdomyosarcoma cell phenotype through inhibition of  
proliferation and induction of myogenic differentiation.  
ONCOTARGET, vol. 7, p. 79342-79356, ISSN: 1949-2553,  
doi: 10.18632/oncotarget.12688

Marampon, F, Gravina, G. L, Festuccia, C, Popov, V. M,  
Colapietro, E. A, Sanità, P, Musio, D, DE FELICE,  
FRANCESCA, LENZI, Andrea, Jannini, E. A, Di Cesare, E,  
TOMBOLINI, Vincenzo (2016). Vitamin D protects  
endothelial cells from irradiation-induced senescence  
and apoptosis by modulating MAPK/SirT1 axis. JOURNAL  
OF ENDOCRINOLOGICAL INVESTIGATION, vol. 39, p.  
411-422, ISSN: 0391-4097, doi:  
10.1007/s40618-015-0381-9

Zugaro, Luigi, DI Staso, Mario, GRAVINA, GIOVANNI  
LUCA, Bonfili, Pierluigi, Gregori, Lorenzo, Franzese,  
Pietro, Marampon, Francesco, TOMBOLINI, Vincenzo, DI  
Cesare, Ernesto, Masciocchi, Carlo (2016). Treatment of  
osteolytic solitary painful osseous metastases with  
radiofrequency ablation or cryoablation: A retrospective  
study by propensity analysis. ONCOLOGY LETTERS, vol.  
11, p. 1948-1954, ISSN: 1792-1074, doi:  
10.3892/ol.2016.4108

Di Staso M, Gravina GL, Zugaro L, Bonfili P, Gregori L,  
Franzese P, Marampon F, Vittorini F, Moro R, Tombolini  
V, Di Cesare E, Masciocchi C. (2015). Treatment of  
Solitary Painful Osseous Metastases with Radiotherapy,  
Cryoablation or Combined Therapy: Propensity Matching  
Analysis in 175 Patients.. PLOS ONE, ISSN: 1932-6203

Di Staso, Mario, GRAVINA, GIOVANNI LUCA, Zugaro,  
Luigi, Bonfili, Pierluigi, Gregori, Lorenzo, Franzese,  
Pietro, Marampon, Francesco, Vittorini, Francesca,  
Moro, Roberto, TOMBOLINI, Vincenzo, Di Cesare,

Ernesto, Masciocchi, Carlo (2015). Treatment of Solitary Painful Osseous Metastases with Radiotherapy, Cryoablation or Combined Therapy: Propensity Matching Analysis in 175 Patients. PLOS ONE, vol. 10, ISSN: 1932-6203, doi: 10.1371/journal.pone.0129021

Gravina, Giovanni Luca, Mancini, Andrea, Sanita, Patrizia, Vitale, Flora, Marampon, Francesco, Ventura, Luca, Landesman, Yosef, McCauley, Dilara, Kauffman, Michael, Shacham, Sharon, Festuccia, Claudio (2015). KPT-330, a potent and selective exportin-1 (XPO-1) inhibitor, shows antitumor effects modulating the expression of cyclin D1 and survivin [corrected] in prostate cancer models. BMC CANCER, vol. 15, ISSN: 1471-2407, doi: 10.1186/s12885-015-1936-z

Marampon F, Bonfilì P, Gravina GL, Rughetti A, Di Staso M, Dell'Orso L, Vittorini F, Moro R, La Verghetta ME, Parente S, Reale M, Ruggieri V, Franzese P, Tombolini V, Masciocchi C, Di Cesare E. (2015). Oral Platelet Gel Supernatant Plus Supportive Medical Treatment Versus Supportive Medical Treatment in the Management of Radiation-induced Oral Mucositis: A Matched Explorative Active Control Trial by Propensity Analysis.. AMERICAN JOURNAL OF CLINICAL ONCOLOGY: CANCER CLINICAL TRIALS, ISSN: 0277-3732

Bonfilì P, Franzese P, Marampon F, La Verghetta ME, Parente S, Cerasani M, Di Genova D, Mancini M, Vittorini F, Gravina GL, Ruggieri V, Di Staso M, Popov VM, Tombolini V, Di Cesare E (2014). Intravesical instillations with polydeoxyribonucleotides reduce symptoms of radiation-induced cystitis in patients treated with radiotherapy for pelvic cancer: a pilot study. SUPPORTIVE CARE IN CANCER, ISSN: 0941-4355

Di Staso M, Rughetti A, Dell'Orso L, Marampon F, La Verghetta ME, Parente S, Gravina GL, Aielli F, Dolo V, Ruggieri V, Franzese P, Bonfilì P, Tombolini V, Di Cesare E (2014). Topical application of platelet supernatant gel in the management of radiotherapy-induced mucositis: a case report . BLOOD TRANSFUSION, ISSN: 1723-2007

F. Marampon, GRAVINA, GIOVANNI LUCA, V. M. Popov, L. Scarsella, C. Festuccia, M. E. La Verghetta, S.

Parente, M. Cerasani, G. Bruera, C. Ficorella, E. Ricevuto, TOMBOLINI, Vincenzo, E. Di Cesare, B. M. Zani (2014). Close correlation between MEK/ERK and Aurora-B signaling pathways in sustaining tumorigenic potential and radioresistance of gynecological cancer cell lines. INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 44, p. 285-294, ISSN: 1019-6439, doi: 10.3892/ijo.2013.2167

GRAVINA, GIOVANNI LUCA, Francesco Marampon, David Sherris, Francesca Vittorini, E. Di Cesare, TOMBOLINI, Vincenzo, LENZI, Andrea, Emmanuele A. Jannini, Claudio Festuccia (2014). Torc1/Torc2 inhibitor, Palomid 529, enhances radiation response modulating CRM1-mediated survivin function and delaying DNA repair in prostate cancer models. PROSTATE, vol. 74, p. 852-868, ISSN: 0270-4137, doi: 10.1002/pros.22804

Gravina GL, Marampon F, Sherris D, Vittorini F, Di Cesare E, Tombolini V, Lenzi A, Jannini EA, Festuccia C (2014). Torc1/Torc2 inhibitor, Palomid 529, enhances radiation response modulating CRM1-mediated survivin function and delaying DNA repair in prostate cancer models.. PROSTATE, ISSN: 0270-4137

M. Di Staso, Aurelia Rughetti, L. Dell'Orso, F. Marampon, M. E. La Verghetta, S. Parente, GRAVINA, GIOVANNI LUCA, F. Aielli, V. Dolo, V. Ruggieri, P. Franzese, P. Bonfili, TOMBOLINI, Vincenzo, Ernesto Di Cesare (2014). Topical application of platelet supernatant gel in the management of radiotherapy-induced mucositis: a case report.. BLOOD TRANSFUSION, vol. 12, p. 107-110, ISSN: 1723-2007, doi: 10.2450/2013.0104-13

Marampon F, Gravina GL, Popov VM, Scarsella L, Festuccia C, La Verghetta ME, Parente S, Cerasani M, Bruera G, Ficorella C, Ricevuto E, Tombolini V, Di Cesare E, Zani BM (2014). Close correlation between MEK/ERK and Aurora-B signaling pathways in sustaining tumorigenic potential and radioresistance of gynecological cancer cell lines. INTERNATIONAL JOURNAL OF ONCOLOGY, ISSN: 1791-2423

Marampon F, Gravina GL, Zani BM, Popov VM, Fratticci



A, Cerasani M, Di Genova D, Mancini M, Ciccarelli C, Ficorella C, Di Cesare E, Festuccia C (2014). Hypoxia sustains glioblastoma radioresistance through ERKs/DNA-PKcs/HIF-1a functional interplay. INTERNATIONAL JOURNAL OF ONCOLOGY, ISSN: 1019-6439

Marampon, Francesco, Gravina, Giovanni Luca, Zani, Bianca Maria, Popov, Vladimir M, Fratticci, Amato, Cerasani, Manuela, Di Genova, Daniela, Mancini, Marta, Ciccarelli, Carmela, Ficorella, Corrado, Di Cesare, Ernesto, Festuccia, Claudio (2014). Hypoxia sustains glioblastoma radioresistance through ERKs/DNA-PKcs/HIF-1a functional interplay. INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 44, ISSN: 1791-2423, doi: 10.3892/ijo.2014.2358

Pierluigi Bonfili, Pietro Franzese, Francesco Marampon, M. E. La Verghetta, Silvia Parente, Manuela Cerasani, D. Di Genova, Marta Mancini, Francesca Vittorini, GRAVINA, GIOVANNI LUCA, Valeria Ruggieri, M. Di Staso, Vladimir M. Popov, TOMBOLINI, Vincenzo, E. Di Cesare (2014). Intravesical instillations with polydeoxyribonucleotides reduce symptoms of radiation-induced cystitis in patients treated with radiotherapy for pelvic cancer: a pilot study. SUPPORTIVE CARE IN CANCER, vol. 22, p. 1155-1159, ISSN: 0941-4355, doi: 10.1007/s00520-013-2051-9

GRAVINA, GIOVANNI LUCA, F. Marampon, P. Muzi, A. Mancini, M. Piccolella, P. Negri Cesi, M. Motta, LENZI, Andrea, E. Di Cesare, TOMBOLINI, Vincenzo, E. A. Jannini, C. Festuccia (2013). PXD101 potentiates hormonal therapy and prevents the onset of castration-resistant phenotype modulating androgen receptor, HSP90, and CRM1 in preclinical models of prostate cancer. ENDOCRINE-RELATED CANCER, vol. 20, p. 321-337, ISSN: 1351-0088, doi: 10.1530/erc-12-0240

Gravina GL, Mancini A, Ranieri G, Di Pasquale B, Marampon F, Di Clemente L, Ricevuto E, Festuccia C (2013). Phenotypic characterization of human prostatic stromal cells in primary cultures derived from human tissue samples . PROSTATE, ISSN: 0270-4137

Gravina GL, Marampon F, Muzi P, Mancini A, Piccolella M, Negri-Cesi P, Motta M, Lenzi A, Di Cesare E, Tombolini V, Jannini EA, Festuccia C (2013). PDX101 potentiates hormonal therapy and prevents the onset of castration-resistant phenotype modulating androgen receptor, HSP90, and CRM1 in preclinical models of prostate cancer.. ENDOCRINE-RELATED CANCER, ISSN: 1351-0088

Gravina GL, Ranieri G, Muzi P, Marampon F, Mancini A, Di Pasquale B, Di Clemente L, Dolo V, D'Alessandro AM, Festuccia C. (2013). Increased levels of DNA methyltransferases are associated with the tumorigenic capacity of prostate cancer cells.. ONCOLOGY REPORTS, ISSN: 1021-335X

Gravina, Giovanni Luca, Mancini, Andrea, Ranieri, Guido, Pasquale, Boris Di, Marampon, Francesco, Clemente, Luigi Di, Ricevuto, Enrico, Festuccia, Claudio (2013). Phenotypic characterization of human prostatic stromal cells in primary cultures derived from human tissue samples. INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 42, p. 2116-2122, ISSN: 1019-6439, doi: 10.3892/ijo.2013.1892

Gravina, Giovanni Luca, Ranieri, Guido, Muzi, Paola, Marampon, Francesco, Mancini, Andrea, Di Pasquale, Boris, Di Clemente, Luigi, Dolo, Vincenza, D'Alessandro, Anna Maria, Festuccia, Claudio (2013). Increased levels of DNA methyltransferases are associated with the tumorigenic capacity of prostate cancer cells. ONCOLOGY REPORTS, vol. 29, p. 1189-1195, ISSN: 1791-2431, doi: 10.3892/or.2012.2192

Marampon F, Gravina GL, Scarsella L, Festuccia C, Lovat F, Ciccarelli C, Zani BM, Polidoro L, Grassi D, Desideri G, Evangelista S, Ferri C (2013). Angiotensin-converting-enzyme inhibition counteracts angiotensin II-mediated endothelial cell dysfunction by modulating the p38/SirT1 axis. JOURNAL OF HYPERTENSION, ISSN: 1473-5598

Marampon, Francesco, Gravina, Giovanni L., Scarsella, Luca, Festuccia, Claudio, Lovat, Francesca, Ciccarelli, Carmela, Zani, Bianca M., Polidoro, Lorella, Grassi,

Davide, Desideri, Giovambattista, Evangelista, Stefano, Ferri, Claudio (2013). Angiotensin-converting-enzyme inhibition counteracts angiotensin II-mediated endothelial cell dysfunction by modulating the p38/Sirt1 axis. JOURNAL OF HYPERTENSION, vol. 31, p. 1972-1983, ISSN: 0263-6352, doi: 10.1097/HJH.0b013e3283638b32

Polidoro L, Properzi G, Marampon F, Gravina GL, Festuccia C, Di Cesare E, Scarsella L, Ciccarelli C, Zani BM, Ferri C. (2013). Vitamin D Protects Human Endothelial Cells from H<sub>2</sub>O<sub>2</sub> Oxidant Injury Through the Mek/Erk-Sirt1 Axis Activation.. JOURNAL OF CARDIOVASCULAR TRANSLATIONAL RESEARCH, ISSN: 1937-5387

G. L. Gravina, F. Marampon, I. Giusti, E. Carosa, S. Di Sante, E. Ricevuto, V. Dolo, TOMBOLINI, Vincenzo, E. A. Jannini, C. Festuccia (2012). Differential effects of PXD101 (belinostat) on androgen-dependent and androgen-independent prostate cancer models. INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 40, p. 711-720, ISSN: 1019-6439, doi: 10.3892/ijo.2011.1270

GRAVINA, GIOVANNI LUCA, C. Festuccia, F. Marampon, M. Piccolella, M. Motta, L. Ventura, B. M. Zani, R. G. Pestell, TOMBOLINI, Vincenzo, LENZI, Andrea, E. A. Jannini (2012). HORMONAL THERAPY PROMOTES HORMONE-RESISTANT PHENOTYPE BY INCREASING DNMT ACTIVITY AND EXPRESSION IN PROSTATE CANCER MODELS. In: 22nd ANNUAL MEETING OF THE ITALIAN SOCIETY OF URO-ONCOLOGY (SIUrO). ANTICANCER RESEARCH, vol. 32, p. 1901-1902, ATHENS:INT INST ANTICANCER RESEARCH, ISSN: 0250-7005, Bologna, Italy, 13-15 June, 2012

Gravina GL, Marampon F, Giusti I, Carosa E, Di Sante S, Ricevuto E, Dolo V, Tombolini V, Jannini EA, Festuccia C. (2012). Differential effects of PXD101 (belinostat) on androgen-dependent and androgen-independent prostate cancer models.. INTERNATIONAL JOURNAL OF ONCOLOGY, ISSN: 1019-6439

Di Staso M, Zugaro L, Gravina GL, Bonfili P, Marampon F, Di Nicola L, Conchiglia A, Ventura L, Franzese P,

Gallucci M, Masciocchi C, Tombolini V. (2011). A feasibility study of percutaneous Radiofrequency Ablation followed by Radiotherapy in the management of painful osteolytic bone metastases.. EUROPEAN RADIOLOGY, ISSN: 0938-7994

F. Marampon, G. l. Gravina, A. Di Rocco, P. Bonfilii, M. Di Staso, C. Fardella, L. Polidoro, C. Ciccarelli, C. Festuccia, V. m. Popov, R. g. Pestell, TOMBOLINI, Vincenzo, B. m. Zani (2011). MEK/ERK Inhibitor U0126 Increases the Radiosensitivity of Rhabdomyosarcoma Cells In vitro and In vivo by Downregulating Growth and DNA Repair Signals. MOLECULAR CANCER THERAPEUTICS, vol. 10, p. 159-168, ISSN: 1535-7163, doi: 10.1158/1535-7163.mct-10-0631

Festuccia C, GRAVINA, GIOVANNI LUCA, Marampon F, Biordi L, Ficorella C, TOMBOLINI, Vincenzo (2011). Gossypol Induces Apoptosis and Synergize With Radiotherapy and Temozolomide in Glioblastoma Cells. In: European Multidisciplinary Cancer Congress on Integrating Basic and Translational Science, Surgery, Radiotherapy, Medical oncology, Advocacy and Care Location. EUROPEAN JOURNAL OF CANCER, vol. 47, p. 584, OXFORD:ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND, ISSN: 0959-8049, Stockholm, SWEDEN, SEP 23-27, 2011

Festuccia C, Gravina GL, Marampon F, Biordi L, Angelini M, D'ascenzo S, Dolo V, TOMBOLINI, Vincenzo (2011). HISTONE DEACETYLASE INHIBITOR, ROMIDEPSIN (FK228) IMPROVES ANTITUMOR EFFECTS OF DOCETAXEL AND CISPLATIN IN MODELS OF AGGRESSIVE PROSTATE CANCER. ANTICANCER RESEARCH, vol. 31, p. 1821-1822, Atene:INT INST ANTICANCER RESEARCH, EDITORIAL OFFICE 1ST KM KAPANDRITIOU-KALAMOU RD KAPANDRITI, PO BOX 22, ATHENS 19014, ISSN: 0250-7005

Festuccia, C, Gravina GL, Angelini M, Marampon F, Tortoreto M, Ventura L, Montironi R, Pratesi G, Penfold M, TOMBOLINI, Vincenzo (2011). THE INHIBITION OF CHEMOKINE RECEPTOR CXCR7 MEDIATES TUMOR CELL GROWTH AND INVASIVENESS IN PRECLINICAL

MODELS OF PROSTATE CANCER. ANTICANCER RESEARCH, vol. 31, p. 1821, Atene:INT INST ANTICANCER RESEARCH, EDITORIAL OFFICE 1ST KM KAPANDRITIOU-KALAMOU RD KAPANDRITI, PO BOX 22, ATHENS 19014, GREECE, ISSN: 0250-7005

G. L. Gravina, C. Festuccia, F. Marampon, M. Piccolella, M. Motta, R. G. Pestell, TOMBOLINI, Vincenzo, E. Carosa, LENZI, Andrea, E. A. Jannini (2011). Hormonal treatment promotes androgen resistant phenotype by increasing activity and expression of DNMTS in prostate cancer models. In: XXXV NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF ENDOCRINOLOGY. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol. 34, ISSN: 0391-4097, Montesilvano, 18-21 Maggio 2011

G. L. Gravina, F. Marampon, F. Petini, L. A. Biordi, D. Sherris, E. A. Jannini, TOMBOLINI, Vincenzo, C. Festuccia (2011). The TORC1/TORC2 inhibitor, Palomid 529, reduces tumor growth and sensitizes to docetaxel and cisplatin in aggressive and hormone-refractory prostate cancer cells. ENDOCRINE-RELATED CANCER, vol. 18, p. 385-400, ISSN: 1351-0088, doi: 10.1530/erc-11-0045

G. L. Gravina, F. Marampon, M. Piccolella, M. Motta, L. Ventura, R. Pomante, V. M. Popov, B. M. Zani, R. G. Pestell, TOMBOLINI, Vincenzo, E. A. Jannini, C. Festuccia (2011). Hormonal Therapy Promotes Hormone-Resistant Phenotype by Increasing DNMT Activity and Expression in Prostate Cancer Models. ENDOCRINOLOGY, vol. 152, p. 4550-4561, ISSN: 0013-7227, doi: 10.1210/en.2011-1056

G. L. Ravina, M. Angelini, R. Montironi, L. Ventura, F. Marampon, G. Pratesi, M. Tortoreto, TOMBOLINI, Vincenzo, C. Festuccia (2011). The chemokine receptor CXCR7 is highly expressed in bone metastatic lesions of human prostate cancer and mediates tumor cell growth and invasiveness in preclinical models. BONE, vol. 48, p. S32, new york:ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010, ISSN: 8756-3282, doi: 10.1016/j.bone.2010.10.088

GRAVINA, GIOVANNI LUCA, F. Marampon, C. Festuccia, M. Piccolella, M. Motta, TOMBOLINI, Vincenzo, E. Carosa, LENZI, Andrea, E. A. Jannini (2011). Antitumor effects of carnertinib in castration resistant prostate cancer models: a comparative study with erlotinib. In: XXXV NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF ENDOCRINOLOGY. JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol. 34, ISSN: 0391-4097, Montesilvano, 18-21 Maggio 2011

Giovanni Luca Gravina, Francesco Marampon, Margherita Piccolella, Leda Biordi, Corrado Ficorella, Marcella Motta, Emmanuele A. Jannini, TOMBOLINI, Vincenzo, Claudio Festuccia (2011). Antitumor effects of carnertinib in castration resistant prostate cancer models: A Comparative study with erlotinib.. PROSTATE, vol. 71, p. 1481-1491, ISSN: 0270-4137, doi: 10.1002/pros.21363

Gravina GL, Marampon F, Petini F, Biordi L, Sherris D, Jannini EA, Tombolini V, Festuccia C. (2011). The TORC1/TORC2 inhibitor, Palomid 529, reduces tumor growth and sensitizes to docetaxel and cisplatin in aggressive and hormone-refractory prostate cancer cells.. ENDOCRINE-RELATED CANCER, ISSN: 1351-0088

Gravina GL, Marampon F, Piccolella M, Biordi L, Ficorella C, Motta M, Jannini EA, Tombolini V, Festuccia C (2011). Antitumor effects of carnertinib in castration resistant prostate cancer models: A Comparative study with erlotinib.. PROSTATE, ISSN: 0270-4137, doi: 10.1002/pros.21363

M. Di Staso, L. Zugaro, G. I. Gravina, P. Bonfili, F. Marampon, L. Di Nicola, A. Conchiglia, P. Franzese, M. Gallucci, C. Masciocchi, TOMBOLINI, Vincenzo (2011). Can radiotherapy be combined with radiofrequency ablation in the management of symptomatic osteolytic skeletal metastasis?. CLINICAL ONCOLOGY, vol. 23, p. 65-66, ISSN: 0936-6555, doi: 10.1016/j.clon.2010.11.002

M. Di Staso, L. Zugaro, GRAVINA, GIOVANNI LUCA, P. Bonfili, F. Marampon, L. Di Nicola, A. Conchiglia, L. Ventura, P. Franzese, M. Gallucci, C. Masciocchi,

TOMBOLINI, Vincenzo (2011). A feasibility study of percutaneous radiofrequency ablation followed by radiotherapy in the management of painful osteolytic bone metastases. EUROPEAN RADIOLOGY, vol. 21, p. 2004-2010, ISSN: 0938-7994, doi: 10.1007/s00330-011-2133-3

Marampon F, Gravina GL, Di Rocco A, Bonfili P, Di Staso M, Fardella C, Polidoro L, Ciccarelli C, Festuccia C, Popov VM, Pestell RG, Tombolini V, Zani BM (2011). MEK/ERK inhibitor U0126 increases the radiosensitivity of rhabdomyosarcoma cells in vitro and in vivo by downregulating growth and DNA repair signals.. MOLECULAR CANCER THERAPEUTICS, ISSN: 1535-7163

Marampon F, Gravina GL, Piccolella M, Motta M, Ventura L, Pomante R, Popov VM, Zani BM, Pestell RG, Tombolini V, Jannini EA, Festuccia C. (2011). Hormonal therapy promotes hormone-resistant phenotype by increasing DNMT activity and expression in prostate cancer models.. ENDOCRINOLOGY, ISSN: 0013-7227

C. Festuccia, G. L. Gravina, F. Marampon, L. A. Biordi, E. Ricevuto, C. Ficorella, TOMBOLINI, Vincenzo (2010). Histone deacetylase inhibitor Belinostat (PXD-101) represses androgen receptor expression and acts synergistically with castration and bicalutamide treatment to inhibit prostate cancer growth hormone refractory models. In: 22nd EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutic. EUROPEAN JOURNAL OF CANCER. SUPPLEMENT, vol. 8, p. 62-63, PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND, ISSN: 1359-6349, Berlin, GERMANY, NOV 16-19, 2010, doi: 10.1016/s1359-6349(10)71889-9

C. Festuccia, GRAVINA, GIOVANNI LUCA, F. Marampon, L. Biordi, D. Sherris, TOMBOLINI, Vincenzo (2010). The TORC1/TORC2 inhibitor, palomid 529 (P529), reduces tumor growth and sensitizes to chemotherapy and radiotherapy aggressive hormone refractory prostate cancer cells both in vitro and in vivo. In: 22nd EORTC-NCI-AACR Symposium on Molecular Targets and

Cancer Therapeutics. EUROPEAN JOURNAL OF CANCER. SUPPLEMENT, vol. 8, p. 26, Atene:PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND, ISSN: 1359-6349, Berlin, GERMANY, NOV 16-19, 2010, doi: 10.1016/s1359-6349(10)71760-2

DI NICOLA L, GRAVINA GL, MARAMPON F, BONFILI P, BUONOPANE S, DI STASO M, FESTUCCIA C, FRANZESE P, TOMBOLINI M, TOMBOLINI V (2010). The impact of conventional or hypofractionated radiotherapy on voice quality and oncological outcome in patients with early glottic cancer. ONCOLOGY REPORTS, ISSN: 1021-335X

DI STASO M, ZUGARO L, GRAVINA GL, BONFILI P, MARAMPON F, DI NICOLA L, CONCHIGLIA A, FRANZESE P, GALLUCCI M, MASCIOCCHI C, TOMBOLINI V (2010). Can Radiotherapy be Combined with Radiofrequency Ablation in the Management of Symptomatic Osteolytic Skeletal Metastasis?. CLINICAL ONCOLOGY, ISSN: 0936-6555

F. Marampon, G. L. Gravina, P. Bonfili, M. Di Staso, C. Fardella, L. Polidoro, C. Festuccia, R. G. Pestell, TOMBOLINI, Vincenzo, B. M. Zani (2010). MEK/ERK Inhibition by U0126 Radiosensitizes Rhabdomyosarcoma Cells In Vitro and In Vivo. In: 52nd Annual Meeting of the American-Society-For-Radiation-Oncology. INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS, vol. 78, NEW YORK:ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010-, ISSN: 0360-3016, SAN DIEGO, OCT 31-NOV 04, 2010, doi: 10.1016/j.ijrobp.2010.07.1497

F. Marampon, G. L. Gravina, P. Bonfili, M. Di Staso, L. Polidoro, C. Festuccia, R. G. Pestell, B. M. Zani, TOMBOLINI, Vincenzo (2010). MEK/ERK inhibitor U0126 increases the radiosensitivity of rhabdomyosarcoma cells in vitro and in vivo by down regulating growth and DNA repair signals. In: 22nd EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics. EUROPEAN JOURNAL OF



CANCER. SUPPLEMENT, vol. 8, p. 163,  
PERGAMON-ELSEVIER SCIENCE LTD, THE  
BOULEVARD, LANGFORD LANE, KIDLINGTON,  
OXFORD OX5 1GB, ENGLAND, ISSN: 1359-6349, Berlin,  
GERMANY, NOV 16-19, 2010, doi:  
10.1016/s1359-6349(10)72218-7

G. Gravina, M. Di Staso, L. Zugaro, F. Marampon, P.  
Bonfili, C. Fardella, S. Buonopane, P. Franzese, C.  
Masciocchi, TOMBOLINI, Vincenzo (2010). A Feasibility  
Study of Percutaneous Radiofrequency Ablation with  
Radiotherapy in Painful Osteolytic Bone Metastases. In:  
52nd Annual Meeting of the  
American-Society-For-Radiation-Oncology.  
INTERNATIONAL JOURNAL OF RADIATION  
ONCOLOGY BIOLOGY PHYSICS, vol. 78, NEW YORK, NY  
10010-1710:ELSEVIER SCIENCE INC, 360 PARK AVE  
SOUTH, NEW YORK, NY 10010-, ISSN: 0360-3016, San  
Diego, CA, OCT 31-NOV 04, 2010, doi:  
10.1016/j.ijrobp.2010.07.1397

GRAVINA GL, FESTUCCIA C, MARAMPON F, POPOV  
VM, PESTELL RG, ZANI BM, TOMBOLINI V (2010).  
Biological rationale for the use of DNA methyltransferase  
inhibitors as new strategy for modulation of tumor  
response to chemotherapy and radiation. MOLECULAR  
CANCER, vol. 25, ISSN: 1476-4598

GRAVINA GL, MARAMPON F, DI STASO M, BONFILI P,  
VITTURINI A, JANNINI EA, PESTELL RG, TOMBOLINI  
V, FESTUCCIA C (2010). 5-azacitidine restores and  
amplifies the bicalutamide response on preclinical  
models of androgen receptor expressing or deficient  
prostate tumors. PROSTATE, ISSN: 0270-4137

GRAVINA, GIOVANNI LUCA, Claudio Festuccia,  
Francesco Marampon, Vladimir M. Popov, Richard G.  
Pestell, Bianca M. Zani, TOMBOLINI, Vincenzo (2010).  
Biological rationale for the use of DNA methyltransferase  
inhibitors as new strategy for modulation of tumor  
response to chemotherapy and radiation. MOLECULAR  
CANCER, vol. 9, p. 305-316, ISSN: 1476-4598, doi:  
10.1186/1476-4598-9-305

GRAVINA, GIOVANNI LUCA, Festuccia C, Di Sante S,

Marampon F, Fratticci A, Carosa E, Castri A, Ventura L, Jannini,EA, TOMBOLINI, Vincenzo (2010). AZACITIDINE TREATMENT SENSITIZES AGAINST BICALUTAMIDE AND RADIOTHERAPY IN ANDROGEN INDEPENDENT PROSTATE CANCER CELLS. ANTICANCER RESEARCH, vol. 30, p. 1406-1407, ATHENS:INT INST ANTICANCER RESEARCH, EDITORIAL OFFICE 1ST KM KAPANDRITIOU-KALAMOU RD KAPANDRITI, PO BOX 22, ATHENS 19014, GREECE, ISSN: 0250-7005

GRAVINA, GIOVANNI LUCA, Francesco Marampon, Mario Di Staso, Pierluigi Bonfilii, VITTURINI, Alessandro, Emmanuele A. Jannini, Richard G. Pestell, TOMBOLINI, Vincenzo, Claudio Festuccia (2010). 5-Azacidine Restores and Amplifies the Bicalutamide Response on Preclinical Models of Androgen Receptor Expressing or Deficient Prostate Tumors. PROSTATE, vol. 70, p. 1166-1178, ISSN: 0270-4137, doi: 10.1002/pros.21151

L. Di Nicola, G. L. Gravina, F. Marampon, P. Bonfilii, S. Buonopane, M. Di Staso, C. Festuccia, P. Franzese, TOMBOLINI, MARIO, TOMBOLINI, Vincenzo (2010). The impact of conventional or hypofractionated radiotherapy on voice quality and oncological outcome in patients with early glottic cancer. ONCOLOGY REPORTS, vol. 24, p. 1383-1388, ISSN: 1021-335X, doi: 10.3892/or\_00000996

Luca Gg, C. Festuccia, F. Marampon, P. Bonfilii, M. Di Staso, S. Di Sante, R. G. Pestell, TOMBOLINI, Vincenzo (2010). 5-azacidine restores and amplifies the response to bicalutamide and radiotherapy on preclinical models of androgen receptor expressing or deficient prostate tumors. In: 22nd EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics. EUROPEAN JOURNAL OF CANCER. SUPPLEMENT, vol. 8, p. 163, PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND, ISSN: 1359-6349, Berlin, GERMANY, NOV 16-19, 2010, doi: 10.1016/s1359-6349(10)72217-5

MARAMPON F, BOSSI G, CICCARELLI C, DI ROCCO A, SACCHI A, PESTELL RG, ZANI BM (2009). MEK/ERK

inhibitor U0126 affects in vitro and in vivo growth of embryonal rhabdomyosarcoma. MOLECULAR CANCER THERAPEUTICS, ISSN: 1535-7163

Marampon, Francesco, Bossi, Gianluca, Ciccarelli, Carmela, Di Rocco, Agnese, Sacchi, Ada, Pestell, Richard G., Zani, Bianca M. (2009). MEK/ERK inhibitor U0126 affects in vitro and in vivo growth of embryonal rhabdomyosarcoma. MOLECULAR CANCER THERAPEUTICS, vol. 8, p. 543-551, ISSN: 1535-7163, doi: 10.1158/1535-7163.MCT-08-0570

BOSSI G, MARAMPON F, MAOR-ALONI R, ZANI B, ROTTER V, OREN M, STRANO S, BLANDINO G, SACCHI A (2008). Conditional RNA interference in vivo to study mutant p53 oncogenic gain of function on tumor malignancy. CELL CYCLE, ISSN: 1538-4101

Bossi, Gianluca, Marampon, Francesco, Maor-Aloni, Revital, Zani, Bianca, Rotter, Varda, Oren, Moshe, Strano, Sabrina, Blandino, Giovanni, Sacchi, Ada (2008). Conditional RNA interference in vivo to study mutant p53 oncogenic gain of function on tumor malignancy. CELL CYCLE, vol. 7, p. 1870-1879, ISSN: 1538-4101, doi: 10.4161/cc.7.12.6161

MARAMPON F, CASIMIRO MC, FU M, POWELL MJ, POPOV VM, LINDSAY J, ZANI BM, CICCARELLI C, WATANABE G, LEE RJ, PESTELL RG (2008). Nerve Growth factor regulation of cyclin D1 in PC12 cells through a p21RAS extracellular signal-regulated kinase pathway requires cooperative interactions between Sp1 and nuclear factor-kappaB. MOLECULAR AND CELLULAR BIOLOGY, vol. 19, p. 2566-2578, ISSN: 0270-7306

Marampon, Francesco, Casimiro, Mathew C., Fu, Maofu, Powell, Michael J., Popov, Vladimir M., Lindsay, Jaime, Zani, Bianca M., Ciccarelli, Carmela, Watanabe, Genichi, Lee, Richard J., Pestell, Richard G. (2008). Nerve growth factor regulation of cyclin D1 in PC12 cells through a p21 RAS extracellular signal-regulated kinase pathway requires cooperative interactions between Sp1 and

nuclear factor- $\kappa$ B. MOLECULAR BIOLOGY OF THE CELL, vol. 19, p. 2566-2578, ISSN: 1059-1524, doi: 10.1091/mbc.E06-12-1110

M. Pelosi, F. Marampon, E. Perlas, CAPUTO, VIVIANA, L. Cianetti, V. Berno, S. Narumiya, S. W. Kang, MUSARO', Antonio, N. Rosenthal, Zani, Bianca M., Prudente, Sabrina (2007). ROCK2 and its alternatively spliced isoform ROCK2m positively control the maturation of the myogenic program. MOLECULAR AND CELLULAR BIOLOGY, vol. 27, p. 6163-6176, ISSN: 0270-7306, doi: 10.1128/mcb.01735-06

PELOSI M, MARAMPON F, ZANI BM, PRUDENTE S, PERLAS E, CAPUTO V, CIANETTI L, BERNO V, NARUMIYA S, KANG SW, MUSAR A, ROSENTHAL N (2007). ROCK2 and its alternatively spliced isoform ROCK2m positively control the maturation of the myogenic program. MOLECULAR AND CELLULAR BIOLOGY, vol. 27, p. 6163-6176, ISSN: 0270-7306

MARAMPON F, CICCARELLI C, ZANI BM (2006). Down-regulation of c-Myc following MEK/ERK inhibition halts the expression of malignant phenotype in rhabdomyosarcoma and in non muscle-derived human tumors. MOLECULAR CANCER, vol. 5, p. 31-48, ISSN: 1476-4598, doi: 10.1186/1476-4598-5-31

Vulcano, Francesca, Ciccarelli, Carmela, Mattia, Gianfranco, Marampon, Francesco, Giampiero, Macioce, Milazzo, Luisa, Pascuccio, Massimiliano, Zani, Bianca M, Giampaolo, Adele, Hassan, Hamisa J (2006). HDAC inhibition is associated to valproic acid induction of early megakaryocytic markers. EXPERIMENTAL CELL RESEARCH, vol. 312, p. 1590-1597, ISSN: 0014-4827

Ciccarelli, Carmela, Marampon, Francesco, Scoglio, Arianna, Mauro, Annunziata, Giacinti, Cristina, De Cesaris, Paola, Zani, Bianca M. (2005). p21WAF1 expression induced by MEK/ERK pathway activation or inhibition correlates with growth arrest, myogenic differentiation and oncophenotype reversion in rhabdomyosarcoma cells. MOLECULAR CANCER, vol. 4, p. 1-18, ISSN: 1476-4598, doi: 10.1186/1476-4598-4-41

Marampon F, Ciccarelli C, Scoglio A, Mauro A, Giacinti

C, De Cesaris P, Zani BM (2005). p21WAF1 expression induced by MEK/ERK pathway activation or inhibition correlates with growth arrest, myogenic differentiation and onco-phenotype reversal in rhabdomyosarcoma cells. MOLECULAR CANCER, vol. 4, p. 41-59, ISSN: 1476-4598, doi: 10.1186/1476-4598-4-41

**Premi e riconoscimenti**

Premio/riconoscimento	Post-doctoral Fellowships award from Fondazione Umberto Veronesi (2018)
Assegnato da	Fondazione Umberto Veronesi
Per	Vincitore progetto rivolto allo studio dei fenomeni di radioresistenza del cancro prostatico