

## **Curriculum vitae et studiorum**

Name and Surname: Paola Stiuso

Place and date of birth: Naples 11/09/1959

Telephone: 081-5667629

Fax: 081-5665863

E-Mail: *paola.stiuso@unicampania.it*

## **ACADEMIC CAREER**

### **Education and Training (include degrees and post-doctoral training)**

**1984- Degree in Biologie, University Federico II of Naples, Italy.**

**1984-1988 - Guest researcher in the Laboratory of Department of Biochemistry and Biophysics, Second University of Naples, Naples, Italy.** Molecular organization and structural stability of protein from human and calf lens.

**1989-1993 - PhD degree in Biochemistry at the Department of Biochemistry and Biophysics, Second University of Naples, Naples, Italy. Thesis: The self-association of protein SV-IV and its possible functional implications.**

**1992-93 Guest researcher at the Department of Pharmacology of the Medical School, University of Texas Health Science Center at Houston site-directed mutagenesis studies under the guidance of Prof. Peter Davis.**

**1995-1996 Guest researcher at the CNR/UE. Thermostable proteins of biotechnological interest.**

**1998-1999 Guest researcher CEINGE. "Biotecnologie Mediche ed Agroalimentari" del Parco Scientifico e tecnologico dell'Area Metropolitana di Napoli.**

**1999 Researcher in Biochemistry, Department of Biochemistry and Biophysics, Second University of Naples**

**2019-present. Associate Professor of Biochemistry, Department of Precision Medicine of the University of Campania "L. Vanvitelli".**

### **FINANCIAL SUPPORTS AND COOPERATIONS**

**2001-2002 Financial support received from Regione Campania:** "Messa a punto di una metodica per l'identificazione e la quantificazione del genere triticum durum e triticum vulgare nei prodotti dell'industria molitoria".

**2002-2003 Financial support received from Regione Campania:** "Progettazione di un farmaco peptidomimetico modulante l'attività della trombina".

**2003-2005 Financial support received from MIUR:** "Ruolo delle specie reattive all'ossigeno (ROS) nell'osteoclastogenesi"

**2008-2009 Financial support received from Regione Campania:** "Analisi biomolecolare del rimodellamento negativo indotto da arteriotomia della carotide di ratto".

**2009-10 Financial support received from Regione Campania:** "Hauteville" Public Laboratory

**Nel 2014-15 Financial support received from Regione Campania:** Marcatori precoci nella disfunzione endoteliale: prospettive clinico-terapeutiche nel diabete".

## **COORDINATION OR PARTICIPATION AS TEACHER AND/OR REPORTING TRAINING OF MEETINGS OF NATIONAL SCIENTIFIC ASSOCIATIONS**

59 Congresso Nazionale SIB-Settembre 2017 Stefania Lama ,Giancarlo Tenore ,Daniela Vanacore , Mariano Stornaiuolo, Salvatore Di Maro, Ettore Novellino, Paola Stiuso. Role of peptide from Mozzarella di Bufala Campana DOP (MBCP) on intestinal barrier breakdown associated to the inflammation process.

2nd International Mediterranean Meeting NUTRITION AND METABOLISM-Nu.Me. Granada (Spain) – June 16-19, 2010. **Stiuso P.**, Scognamiglio I., Murolo M., Biscaglia E., Di Manzano C., Tuccillo C., Del Prete A., Loguercio C. “ Metabolic effect of Silybin: in vitro and in vivo studies”.

54° Congresso Nazionale SIB (Società Italiana di Biochimica e Biologia Molecolare), Settembre 2009, **Stiuso P.**, Scognamiglio I., Vanacore D., Murolo M., Federico A., Tuccillo C., Sommella M.P., Carteni M., Loguercio C. “ Silybin induced human hepatoma HepG2 cell differentiation by nitric oxide production”.

Italian Proteomic Association, 3rd Annual National Conference, 11-14 Giugno 2008, Selva di Fasano, Brindisi; De Simone C, Picariello G, Mamone G, **Stiuso P**, Dicitore A, Cassese D, Addeo F, Ferranti P. “*Proteomic characterization and cytomodulatory properties of peptides from Mozzarella di Bufala Campana (PDO) cheese whey*”.

World Conference of Stress, Agosto 2007 , Budapest, Ungheria. Ferranti P, Cassese D, Picariello G, Dicitore A, De Simone C , Giuberti G, Abbruzzese A, **Stiuso P** “*Bioactive peptides from buffalo mozzarella-cheese waste whey: antioxidant and differentiation effects on colon adenocarcinoma CACO-2 cell*”;

1st International Conference on Nitric Oxide (NO) and Cancer November 26-28, 2007, Paris, France; Isabel Monterrey-Gomez, Pietro Campiglia, Paolo Grieco, Alessandra Dicitore, Diana Cassese, Ettore Novellino and **Paola Stiuso** “*DNPQ-Pro induces differentiation, cell cycle arrest and apoptosis in human colon adenocarcinoma cell line.*”

Convegno Annuale AICC "Nuove veicolazioni farmacologiche e piattaforme tecnologiche per la diagnosi e terapia di tumori e malattie cronico-degenerative" , Napoli, 6-7 Dicembre 2007, Isabel Monterrey-Gomez, Pietro Campiglia, Paolo Grieco, Alessandra Dicitore, Diana Cassese, Ettore Novellino and **Paola Stiuso** “*DNPQ-Pro induces differentiation, cell cycle arrest and apoptosis in human colon adenocarcinoma cell line.*”

18th EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics, Novembre 2006, Praga , Repubblica Ceca. Stiuso P, Dicitore A, Cassese D, Ferranti P, Picariello G, Canonico S, Santoriello A “*Alteration of arachidonic acid metabolism in human breast cancer*”;

International Conference on the Role of Polyamines and their Analogs in Cancer and other Diseases, Settembre 2006, Università di Roma “La Sapienza”, Tivoli (Roma), Italia **Stiuso P**,

Giuberti G, Dicitore A, Cassese D, Cartenì M, Lombardi A, Abbruzzese A, Caraglia M *“Effects of diaminopropane-[Gln16]VIP on cell proliferation and oxidative stress in KB cells”*;

The 7th International Symposium on VIP, PACAP and Related Peptides, Settembre 2005 Rouen, Francia. Caraglia M, Dicitore A, Giuberti G, Cassese D, Lepretti M, Cartenì M, Abbruzzese A, **Stiuso P** *“Effects of VIP and VIP-DAP on proliferation and lipid peroxidation metabolism in human KB cells”*;

4th European Breast Cancer Conference Marzo 2004, Amburgo, Germania. Dicitore A, Costa C, Lepretti M, Cassese D, De Bellis W, Benevento R, Canonico S, Colonna G, Santoriello A, **Stiuso P** *“Associated changes of lipid peroxidation and transglutaminase activity in evolution of breast tissue to cancer”*;

6th Breast Cancer Conference Giugno 2004, Milano, Italia. Dicitore A, Costa C, Lepretti M, Cassese D, Benevento R, Canonico S, Colonna G, Santoriello A, Rossiello R, Apicella A, Stiuso P *“ Relationship between oxidative stress and tissue transglutaminase activity in the evolution of breast tissue to cancer”*;

49° Congresso Nazionale SIB (Società Italiana di Biochimica e Biologia Molecolare) Settembre 2004 presso Centro Congressi di Riccione, Italia. Dicitore A, Costa C, Lepretti M, Cassese D, Benevento R, Canonico S, Santoriello A, Rossiello R, Apicella A, **Stiuso P** *“Oxidative stress in the evolution of normal breast tissue as well as breast cancer”*;

49° Congresso Nazionale SIB (Società Italiana di Biochimica e Biologia Molecolare) Settembre 2004 presso Centro Congressi di Riccione, Italia. Lepretti M, Costa C, Dicitore A, Cassese D, Giuberti G, Caraglia M, Abbruzzese A, Cartenì M, Ferranti P, Di Lazzaro A, **Stiuso P** *“The structure-function relationship of VIP and VIP-DAP adduct”*;

Congresso EVER (European Association for Vision and Eye Research) Ottobre 2003, Alicante, Spagna. **Stiuso P**, Libondi T, Dicitore A, Costa C, Lepretti M, Cassese D, Cricelli R, Colonna G *“In vitro MDA cross-linking of human crystallins is age related”*;

### **Reviewer activity for the following peer reviewed international journals.**

- ✓ 2012-2013 Guest editor to Special issue Special Issue: Bioactive Peptides in Cancer: Therapeutic Use and Delivery Strategies in “Journal of Amino Acids”.
- ✓ 2012 reviewer of Drug and Chemical Toxicology
- ✓ Dal 2014 reviewer of International Journal of Molecular Sciences
- ✓ Dal 2016 reviewer of Molecules
- ✓ Dal 2016 Editorial Board of "Translational Medicine Reports "

### **Patents**

**Italian Patent n.0001416639 7/8/2015** : COMPOSIZIONE PER IL TRATTAMENTO DELLA SINDROME METABOLICA E DELLE ALTERAZIONI METABOLICO-OSSIDATIVE NEI PAZIENTI CON STEATOEPATITE NON ALCOLICA (NASH). Presentata il 20/03/2013 in collaborazione con l' ISTITUTO BIOCHIMICO ITALIANO GIOVANNI LORENZINI S.P.A.

**Patent WO2014147119 (A1) — 2014-09-25**

**SILYBIN FOR THE TREATMENT OF METABOLIC OXIDATIVE ALTERATIONS IN PATIENTS WITH NON-ALCOHOLIC STEATOHEPATITIS (NASH)**

**Patent EP2976075 (A1) — 2016-01-27**

**SILYBIN FOR THE TREATMENT OF METABOLIC OXIDATIVE ALTERATIONS IN PATIENTS WITH NON-ALCOHOLIC STEATOHEPATITIS (NASH)**

### **Scientifics collaboration**

- ✓ **Maria Dolores del Castillo Bilbao** head of the Food Bioscience group DPT of Food Bioactivity and analysis progetto IT2009-0087 entitled “Soy protein, structure, interaction and functions”
- ✓ **ISTITUTO BIOCHIMICO ITALIANO GIOVANNI LORENZINI S.P.A.** Codice fiscale: 02578030153 Indirizzo: APRILIA (LT) VIA FOSSIGNANO 2 cap 04011.
- ✓ **GLURES s.r.l. ” spin off “ Università Ca’Foscari –Venezia Dpt Scienze Molecolari e Nanosistemi** , progetto “ Ricerca e sviluppo di molecole naturali e semisintetiche aventi proprietà biologiche sfruttabili come farmaci, dermocosmetici, nutraceutici in campo umano e veterinario”.
- ✓ **Prof. Evzen Amler, Department of Biophysics Second Faculty of Medicine, Charles University and Motol University.** "Constitution of nanofibers for the release of polydatin and other agents that intervene in the differentiation on the mucosa and / or on the skin for regenerative and wound healing purposes.

## PUBLICATIONS

- 1) Tenore GC, Pagano E, Lama S, Vanacore D, Di Maro S, Maisto M, Capasso R, Merlino F, Borrelli F, **Stiuso P**, Novellino E." Intestinal Anti-Inflammatory Effect of a Peptide Derived from Gastrointestinal Digestion of Buffalo (*Bubalus bubalis*) Mozzarella Cheese."Nutrients. 2019 Mar 13;11(3). pii: E610. doi: 10.3390/nu11030610.
- 2) Lama S, Vanacore D, Diano N, Nicolucci C, Errico S, Dallio M, Federico A, Loguercio C, **Stiuso P**." Ameliorative effect of Silybin on bisphenol A induced oxidative stress, cell proliferation and steroid hormones oxidation in HepG2 cell cultures.Sci Rep. 2019 Mar 1;9(1):3228. doi: 10.1038/s41598-019-40105-8.
- 3) Nigro E, **Stiuso P**, Matera MG, Monaco ML, Caraglia M, Maniscalco M, Perrotta F, Mazzarella G, Daniele A, Bianco A." The anti-proliferative effects of adiponectin on human lung adenocarcinoma A549 cells and oxidative stress involvement." Pulm Pharmacol Ther. 2019 Apr;55:25-30. doi: 10.1016/j.pupt.2019.01.004. Epub 2019 Jan 15.
- 4) Martano M, **Stiuso P**, Facchiano A, De Maria S, Vanacore D, Restucci B, Rubini C, Caraglia M, Ravagnan G, Lo Muzio L. Aryl hydrocarbon receptor, a tumor grade-associated marker of oral cancer, is directly downregulated by polydatin: A pilot study. Oncol Rep. 2018 Jul 10. doi: 10.3892/or.2018.6555.
- 5) Mele L, Paino F, Papaccio F, Regad T, Boocock D, **Stiuso P**, Lombardi A, Liccardo D, Aquino G, Barbieri A, Arra C, Coveney C, La Noce M, Papaccio G, Caraglia M, Tirino V, Desiderio V. A new inhibitor of glucose-6-phosphate dehydrogenase blocks pentose phosphate pathway and suppresses malignant proliferation and metastasis in vivo. Cell Death Dis. 2018 May 14;9(5):572. doi: 10.1038/s41419-018-0635-5.
- 6) Dallio M, Masarone M, Errico S, Gravina AG, Nicolucci C, Di Sarno R, Gionti L, Tuccillo C, Persico M, Stiuso P, Diano N, Loguercio C, Federico A." Role of bisphenol A as environmental factor in the promotion of non-alcoholic fatty liver disease: in vitro and clinical study. (2018) Aliment Pharmacol Ther.;47(6):826-837. doi: 10.1111/apt.14499.
- 7) Vanacore D, Messina G, Lama S, Bitti G, Ambrosio P, Tenore GC, Messina A, Monda V, Zappavigna S, Boccellino M, Novellino E, Monda M, Stiuso P. (2018) "Effect of Restriction Vegan Diet's on Muscle Mass, Oxidative Status and Myocytes Differentiation: a Pilot Study." J Cell Physiol. doi: 10.1002/jcp.26427.
- 8) Boccellino M., D'Amato S., Lama S., Bitti G., De Maria S., Ravagnan G., Itro A., Stiuso P. Oxidative Stress Evaluation during Perimplantar Bone Resorption in Immediate Post-Extractive Implant Oral HEALTH AND DENTAL MANAGEMENT Vol. 16- No.2-April, 2017
- 9) Vanacore D, Boccellino M, Rossetti S, Cavaliere C, D'Aniello C, Di Franco R, Romano FJ, Montanari M, La Mantia E, Piscitelli R, Nocerino F, Cappuccio F, Grimaldi G, Izzo A, Castaldo L, Pepe MF, Malzone MG, Iovane G, Ametrano G, **Stiuso P**, Quagliuolo L, Barberio D, Perdonà S, Muto P, Montella M, Maiolino P, Veneziani BM, Botti G, Caraglia M, Facchini G.(2017)."Micrnas in prostate cancer: an overview." Oncotarget. Jul 25;8(30):50240-50251. doi: 10.18632/oncotarget.16933.
- 10) Federico A, Conti V, Russomanno G, Dallio M, Masarone M, **Stiuso P**, Tuccillo C, Caraglia M, Manzo V, Persico M, Filippelli A, Loguercio C." A Long-term Treatment with Silybin in Patients with Non-alcoholic Steatohepatitis Stimulates Catalase Activity in Human Endothelial Cells. In Vivo. 2017 Jul-Aug;31(4):609-618.
- 11) Misso, G., Zarone, M.R., Grimaldi, A., Di Martino, M.T., Lombardi, A., Kawasaki, H., **Stiuso, P.**,Tassone, P., Tagliaferri, P., Caraglia, M. "Non coding RNAs: A new avenue for the self-tailoring of blood cancer treatment" (2017) Current Drug Targets, 18 (1), pp. 35-55.DOI: 10.2174/1389450117666160606104208

- 12) Potenza, N., Mosca, N., Zappavigna, S., Castiello, F., Panella, M., Ferri, C., Vanacore, D., Giordano, A., **Stiuso, P.**, Caraglia, M., Russo, A. "MicroRNA-125a-5p Is a Downstream Effector of Sorafenib in Its Antiproliferative Activity Toward Human Hepatocellular Carcinoma Cells" (2017) *Journal of Cellular Physiology*. Article in Press. **DOI:** 10.1002/jcp.25744
- 13) Mercurio, M.E., Tomassi, S., Gaglione, M., Russo, R., Chambery, A., Lama, S., **Stiuso, P.**, Cosconati, S., Novellino, E., Di Maro, S., Messere, A. "Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides" (2016) *Journal of Organic Chemistry*, 81 (23), pp. 11612-11625. **DOI:** 10.1021/acs.joc.6b01829
- 14) Forino, M., **Stiuso, P.**, Lama, S., Ciminiello, P., Tenore, G.C., Novellino, E., Tagliatalata-Scafati, O. "Bioassay-guided identification of the antihyperglycaemic constituents of walnut (*Juglans regia*) leaves (2016) *Journal of Functional Foods*, 26, pp. 731-738. **DOI:** 10.1016/j.jff.2016.08.053
- 15) **Stiuso, P.**, Bagarolo, M.L., Ilisso, C.P., Vanacore, D., Martino, E., Caraglia, M., Porcelli, M., Cacciapuoti, G. "Protective effect of tyrosol and S-adenosylmethionine against ethanol-induced oxidative stress of Hepg2 cells involves Sirtuin 1, P53 and Erk1/2 signaling" (2016) *International Journal of Molecular Sciences*, 17 (5), 622, . **DOI:** 10.3390/ijms17050622
- 16) Perillo, E., Porto, S., Falanga, A., Zappavigna, S., **Stiuso, P.**, Tirino, V., Desiderio, V., Papaccio, G., Galdiero, M., Giordano, A., Galdiero, S., Caraglia, M. "Liposome armed with herpes virus-derived gH625 peptide to overcome doxorubicin resistance in lung adenocarcinoma cell lines" (2016) *Oncotarget*, 7 (4), pp. 4077-4092. **DOI:** 10.18632/oncotarget.6013 **I.F.5.16**
- 17) Bertamino, A., Musella, S., Di Sarno, V., Ostacolo, C., Manfra, M., Vanacore, D., **Stiuso, P.**, Novellino, E., Campiglia, P., Gomez-Monterrey, I.M. "Dihydrithieno[2,3-b]naphto-4,9-dione analogues as anticancer agents: Synthesis and in cell pharmacological studies (2015) *European Journal of Medicinal Chemistry*, 102, art. no. 8028, pp. 106-114. **DOI:** 10.1016/j.ejmech.2015.07.044 **I.F.= 4.81**
- 18) Perillo, E., Allard-Vannier, E., Falanga, A., **Stiuso, P.**, Vitiello, M.T., Galdiero, M., Galdiero, S., Chourpa, I. "Quantitative and qualitative effect of gH625 on the nanoliposome-mediated delivery of mitoxantrone anticancer drug to HeLa cells" (2015) *International Journal of Pharmaceutics*, 488 (1-2), pp. 59-66. **DOI:** 10.1016/j.ijpharm.2015.04.039 **I.F.= 3.86**
- 19) **Stiuso, P.**, Potenza, N., Lombardi, A., Ferrandino, I., Monaco, A., Zappavigna, S., Vanacore, D., Mosca, N., Castiello, F., Porto, S., Addeo, R., Del Prete, S., De Vita, F., Russo, A., Caraglia, M. "MicroRNA-423-5p promotes autophagy in cancer cells and is increased in serum from hepatocarcinoma patients treated with sorafenib (2015) *Molecular Therapy - Nucleic Acids*, 4 (3). **DOI:** 10.1038/mtna.2015.8 **I.F.= 5.66**
- 20) Tenore, G.C., Ritieni, A., Campiglia, P., **Stiuso, P.**, Di Maro, S., Sommella, E., Pepe, G., D'Urso, E., Novellino, E. "Antioxidant peptides from "Mozzarella di Bufala Campana DOP" after simulated gastrointestinal digestion: In vitro intestinal protection, bioavailability, and anti-haemolytic capacity (2015) *Journal of Functional Foods*, 15, pp. 365-375. **DOI:** 10.1016/j.jff.2015.03.048 **I.F.= 3.47**
- 21) De Rosa, A., Zappavigna, S., Villa, M.R., Improta, S., Cesario, E., Mastrullo, L., Caraglia, M., **Stiuso, P.** "Prognostic role of translocator protein and oxidative stress markers in chronic lymphocytic leukemia patients treated with bendamustine plus rituximab" (2015) *Oncology Letters*, 9 (3), pp. 1327-1332. **DOI:** 10.3892/ol.2014.2817 **I.F.= 1.554**
- 22) Lamberti, M., Porto, S., Zappavigna, S., **Stiuso, P.**, Tirino, V., Desiderio, V., Mele, L., Caraglia, M. "Levofolene modulates apoptosis induced by 5-fluorouracil through autophagy inhibition: Clinical and occupational implications" (2015) *International Journal of Oncology*, 46 (5), pp. 1893-1900. **DOI:** 10.3892/ijo.2015.2904 **I.F.= 3.333**
- 23) Federico, A., Dallio, M., Di Fabio, G., Zarrelli, A., Zappavigna, S., **Stiuso, P.**, Tuccillo, C., Caraglia, M., Loguercio, C. "Silybin-Phosphatidylcholine complex protects human gastric and Liver Cells from Oxidative stress" (2015) *In Vivo*, 29 (5), pp. 569-576. **I.F.= 1**



- 24) Pace, M.C., Passavanti, M.B., Aurilio, C., Sansone, P., Aurilio, R., De Maria, S., Lama, S., Federico, A., Ravagnan, G., Caraglia, M., **Stiuso, P.** "Polydatin administration improves serum biochemical parameters and oxidative stress markers during chronic alcoholism: A pilot study" (2015) *In Vivo*, 29 (3), pp. 405-408.
- 25) Barbieri, A., Bimonte, S., Palma, G., Luciano, A., Rea, D., Giudice, A., Scognamiglio, G., La Mantia, E., Franco, R., Perdonà, S., De Cobelli, O., Ferro, M., Zappavigna, S., **Stiuso, P.**, Caraglia, M., Arra, C. "The stress hormone norepinephrine increases migration of prostate cancer cells in vitro and in vivo (2015) *International Journal of Oncology*, 47 (2), pp. 527-534. **DOI:** 10.3892/ijo.2015.3038
- 26) Lamberti, M., Porto, S., Zappavigna, S., Addeo, E., Marra, M., Miraglia, N., Sannolo, N., Vanacore, D., **Stiuso, P.**, Caraglia, M. "A mechanistic study on the cardiotoxicity of 5-fluorouracil in vitro and clinical and occupational perspectives (2014) *Toxicology Letters*, 227 (3), pp. 151-156. **DOI:** 10.1016/j.toxlet.2014.03.018
- 27) Federico, A., Zappavigna, S., Romano, M., Grieco, P., Luce, A., Marra, M., Gravina, A.G., **Stiuso, P.**, D'Armiento, F.P., Vitale, G., Tuccillo, C., Novellino, E., Loguercio, C., Caraglia, M. "Urotensin-II receptor is over-expressed in colon cancer cell lines and in colon carcinoma in humans" (2014) *European Journal of Clinical Investigation*, 44 (3), pp. 285-294. **DOI:** 10.1111/eci.12231
- 28) Amigo-Benavent, M., Clemente, A., Caira, S., **Stiuso, P.**, Ferranti, P., Del Castillo, M.D. "Use of phytochemomics to evaluate the bioavailability and bioactivity of antioxidant peptides of soybean  $\beta$ -conglycinin" (2014) *Electrophoresis*, 35 (11), pp. 1582-1589. **DOI:** 10.1002/elps.201300527
- 29) Tenore, G.C., Calabrese, G., **Stiuso, P.**, Ritieni, A., Giannetti, D., Novellino, E. Effects of Annurca apple polyphenols on lipid metabolism in HepG2 cell lines: A source of nutraceuticals potentially indicated for the metabolic syndrome (2014) *Food Research International*, 63, pp. 252-257. **DOI:** 10.1016/j.foodres.2014.05.024
- 30) Monda, M., Messina, G., Scognamiglio, I., Lombardi, A., Martin, G.A., Sperlongano, P., Porcelli, M., Caraglia, M., **Stiuso, P.** "Short-term diet and moderate exercise in young overweight men modulate cardiocyte and hepatocarcinoma survival by oxidative stress (2014) *Oxidative Medicine and Cellular Longevity*, 2014, art. no. 131024, . **DOI:** 10.1155/2014/131024
- 31) **Stiuso, P.**, Scognamiglio, I., Murolo, M., Ferranti, P., De Simone, C., Rizzo, M.R., Tuccillo, C., Caraglia, M., Loguercio, C., Federico, A. "Serum oxidative stress markers and lipidomic profile to detect NASH patients responsive to antioxidant treatment: A pilot study (2014) *Oxidative Medicine and Cellular Longevity*, 2014, art. no. 169216, **DOI:** 10.1155/2014/169216
- 32) Improta, S., Villa, M.R., Volpe, A., Lombardi, A., **Stiuso, P.**, Cantore, N., Mastrullo, L. "Transfusion-dependent low-risk myelodysplastic patients receiving deferasirox: Long-term follow-up" (2013) *Oncology Letters*, 6 (6), pp. 1774-1778. **DOI:** 10.3892/ol.2013.1617
- 33) De Maria, S., Scognamiglio, I., Lombardi, A., Amodio, N., Caraglia, M., Carteni, M., Ravagnan, G., **Stiuso, P.** "Polydatin, a natural precursor of resveratrol, induces cell cycle arrest and differentiation of human colorectal Caco-2 cell" (2013) *Journal of Translational Medicine*, 11 (1) .**DOI:** 10.1186/1479-5876-11-264
- 34) Tenore, G.C., Campiglia, P., **Stiuso, P.**, Ritieni, A., Novellino, E. Nutraceutical potential of polyphenolic fractions from Annurca apple (*M. pumila* Miller cv Annurca) (2013) *Food Chemistry*, 140 (4), pp. 614-622. **DOI:** 10.1016/j.foodchem.2012.10.112
- 35) Tenore, G.C., Manfra, M., **Stiuso, P.**, Coppola, L., Russo, M., Ritieni, A., Campiglia, P. "Polyphenolic pattern and in vitro cardioprotective properties of typical red wines from vineyards cultivated in Scafati (Salerno, Italy)" (2013) *Food Chemistry*, 140 (4), pp. 803-809. **DOI:** 10.1016/j.foodchem.2012.10.023

- 36) Tenore, G.C., **Stiuso, P.**, Campiglia, P., Novellino, E. "In vitro hypoglycaemic and hypolipidemic potential of white tea polyphenols" (2013) *Food Chemistry*, 141 (3), pp. 2379-2384. DOI: 10.1016/j.foodchem.2013.04.128
- 37) Franco, R., Rocco, G., Marino, F.Z., Pirozzi, G., Normanno, N., Morabito, A., Sperlongano, P., **Stiuso, P.**, Luce, A., Botti, G., Caraglia, M."Anaplastic lymphoma kinase: A glimmer of hope in lung cancer treatment?" (2013) *Expert Review of Anticancer Therapy*, 13 (4), pp. 407-420. DOI: 10.1586/era.13.18
- 38) Troiani, T., Zappavigna, S., Martinelli, E., Addeo, S.R., **Stiuso, P.**, Ciardiello, F., Caraglia, M. "Optimizing treatment of metastatic colorectal cancer patients with anti-EGFR antibodies: Overcoming the mechanisms of cancer cell resistance" (2013) *Expert Opinion on Biological Therapy*, 13 (2), pp. 241-255.
- 39) Barbieri, A., Palma, G., Rosati, A., Giudice, A., Falco, A., Petrillo, A., Petrillo, M., Bimonte, S., Di Benedetto, M., Esposito, G., **Stiuso, P.**, Abbruzzese, A., Caraglia, M., Arra, C."Role of endothelial nitric oxide synthase (eNOS) in chronic stress-promoted tumour growth "(2012) *Journal of Cellular and Molecular Medicine*, 16 (4), pp. 920-926. DOI: 10.1111/j.1582-4934.2011.01375.x
- 40) Tenore, G.C., Manfra, M., Stiuso, P., Coppola, L., Russo, M., Gomez Monterrey, I.M., Campiglia, P. "Antioxidant profile and in vitro cardiac radical-scavenging versus pro-oxidant effects of commercial red grape juices (*Vitis vinifera* L. cv. Aglianico N.)" (2012) *Journal of Agricultural and Food Chemistry*, 60 (38), pp. 9680-9687. DOI: 10.1021/jf301647d
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