CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome	Rosita Gabbianelli
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Nazionalità	Italiana
Data di nascita	**29/04/1963**
Partita IVA	

ISTRUZIONE E FORMAZIONE

• 1978 – 1982	**Maturità scientifica** presso il Liceo Scientifico Statale "Leonardo da Vinci", Jesi (AN)
• 1982-1988	**Laurea in Farmacia** (110/110 e lode) presso l'Università degli Studi di Camerino
• 1988-1992	**Specializzazione in Biochimica e Chimica Clinica** (70/70 e lode) presso l'Università degli Studi di Camerino
• 1992-1997	**Dottorato di ricerca** in Biologia presso l'Università degli Studi di Camerino (attività di ricerca svolta presso l'Università di Ancona)
• 1997-1999	**Borsa di studio Post-Dottorato** presso l' Istituto di Biochimica dell'Università di Ancona
• 1999-2010	**Ricercatore** (Biochimica BIO/10) Facoltà di Farmacia, Università di Camerino.
• dal 31/12/2010	**Professore associato** (Biochimica BIO/10) Scuola di Farmaco e dei Prodotti della Saluti, Università di Camerino.

ESPERIENZA DIDATTICA

N.	ANNO DI RIFERIMENTO	MATERIE DI INSEGNAMENTO	PRESSO

	DAL 2015 A TUTT'OGGI	Docente di Biochemistry	Corso di Laurea in Biothecnology, JiLi, Agricultural University, Changchun, China.
	DAL 2015 A TUTT'OGGI	Docente di Nutrigenetics and Nutrigenomics	University of Agricultural Sciences and Veterinary Medicine of Cluj-Napooca, Department/unit Food Science, CLUJ- Napoca, Romania (Ersmus teaching) ESCOLA SUPERIOR DE SAÚDE DO PORTO, Portogallo
	DAL 2012 A TUTT'OGGI	Biochimica Generale e Biochimica Clinica applicata al Fitness	Scuola del Farmaco e dei Prodotti della Salute, Università di Camerino (corso frontale + corso e-learning)
	DAL 2012 A TUTT'OGGI	Biochimica corso di laurea in Informazione Scientifica sul Farmaco	Scuola del Farmaco e dei Prodotti della Salute, Università di Camerino (corso frontale + corso e-learning)
	DAL 2007 A TUTT'OGGI	Alimentazione del fitness	Scuola del Farmaco e dei Prodotti della Salute, Università di Camerino (corso frontale + corso e-learning)
	DAL 2005 A TUTT'OGGI	Biologia Molecolare	Scuola del Farmaco e dei Prodotti della Salute, Università di Camerino (corso frontale + corso e-learning)
	DAL 2003 AL 2010	Biochimica Dinamica	Scuola di Specializzazione in Biochimica Clinica, Università di Camerino.
	DAL 2001 AL 2007	Ricerca e sviluppo degli integratori alimentari	Facoltà di Farmacia, Università di Camerino
	DAL 2001 AL 2005	Biochimica Applicata	Facoltà di Farmacia, Università di Camerino
	DAL 2001 AL 2002	Tecnologie ricombinanti	Facoltà di Farmacia, Università di Camerino

ESPERIENZA PROFESSIONALE

	ANNO		

N.	DI RIFERIMENTO	QUALIFICA	PRESSO
	Periodi diversi	RICERCATORE	Department of Biology , University of Warwich Coventry, U.K. (6 mesi) Interdisciplinary Research Centre in Biomedical Materials, Royal Free Hospital,University of London, UK University of Lodz, Department of General Biophysics, Lodz, Poland Universitat Autònoma de Barcelona, Bellaterra. Catalunya, Spain.
	Dal 2000 A TUTT'OGGI	Revisore per riviste internazionali	Chemico-Biological Interactions Archives Environmental Contamination Toxicology Environmental Pollution Science of the Total Environment Nutrition Journal Biotechnology Drug and Chemical Toxicology Ecotoxicology Environmental International Brazilian Archives of Biology and Technology - BABT
	Dal 2014 A TUTT'OGGI	Presidente del Comitato Scientifico ed Organizzatore di Scuole ed eventi Internazionali	-I European Summer School Nutrigenomics, Università di Camerino, 1-5 Settembre 2014 -II European Summer School Nutrigenomics, Università di Camerino, 5-9 Settembre 2016 - Corso di aggiornamento per medici e sanitari vietnamiti, 28-31 agosto 2016, Unicam (Membro del comitato) - X International Congress of the Society of Nutrigenetics and Nutrigenomics, Tel-Aviv 22-26 Maggio 2016 (Membro del comitato) - III European Summer School Nutrigenomics, Università di Camerino, 25-29 Giugno 2018
	DAL 2000 AD OGGI	Membro nel Collegio dei Docenti del Dottorato	Università di Camerino
	DAL 2012 AD OGGI	Responsabile per i corsi di laurea triennale nella Scuola di Scienze del Farmaco e dei Prodotti della Salute	Università di Camerino
	DAL 2013 AD OGGI	Delegato per la Cooperazione Inter-Universitaria: Europa e Asia	Università di Camerino

COMPETENZE LINGUISTICHE

MADRELINGUA	***ITALIANO***
ALTRE LINGUE	INGLESE
• Capacità di lettura	BUONO
• Capacità di scrittura	BUONO
• Capacità orale	BUONO

COMPETENZE INFORMATICHE Buona conoscenza del sistema operativo Microsoft Windows e Apple Mac Os X. Buona conoscenza del pacchetto Office (Word, Excel, Powerpoint).

PUBBLICAZIONI

1. Adrenaline effects on the oxygen binding to trout hemoglobin.
   G.Falcioni, F.Grelloni, R.Gabbianelli, A.R.Bonfigli, and A.Colosimo.
   Comp.Biochem.Physiol. (1991) vol.98C n.2/3:451-453.
2. Aprotinin release by loaded mouse erythrocytes.
   G.Falcioni, R.Gabbianelli, A.Concetti, V.Grelloni, L. Zolla and M.Brunori.
   Adv. Biosc. (1991) vol.81:87-91
3. Inactivation of glutathione peroxidase following hemoglobin oxidation.
   F.Grelloni, R.Gabbianelli, and G.Falcioni.
   Bioch.Int. (1991) vol.25 n.5:789-795.
4. Entrapment of protein protease inhibitors in red blood cells.
   G.Falcioni, R.Gabbianelli, A.M.Santroni, A.Concetti, L.Zolla and M.Brunori.
   Biothec. Appl. Biochem. (1992) 16:269-274.
5. Inactivation of glutathione peroxidase following entrapment of purified alfa or beta chains in human erythrocytes.
   F.Grelloni, R.Gabbianelli, A.M. Santroni and G.Falcioni.
   Clin.Chim.Acta (1993) 217:187-192.
6. Effect of imidazole salicylate on the respiratory burst of polymorphonuclear leukocytes.
   A.Kantar, N.Oggiano, R.Gabbianelli, P.L.Giorgi and M.Biraghi.
   Curr.Therap. Res. (1993) vol.54 n.2:241-247.
7. Metabolismo ossidativo in granulociti polimorfonucleati di bambini con trisomia 21.
   R.Gabbianelli, A.Kantar, N.Oggiano, O. Gabrielli, R.Fiorini, G.Falcioni, P.L.Giorgi.
   Minerva Ped. (1993) vol.45:493-497.
8. Alterations in membrane fluidity of polymorphonuclear leukocytes from children with trisomy 21.
   R.Fiorini, E.Bertoli, G.Falcioni, R.Gabbianelli, P.L.Giorgi, A.Kantar.
   Pathophysiol. (1994) 1:63-67.
9. Successful interferon gamma therapy in a patient with X-linked chronic granulomatous disease, McLeod syndrome and hyper-IgE. Case report.
   A. Kantar, N.Oggiano, R.Gabbianelli, G.Fabrizzi and P.L.Giorgi.
   Minerva Ped. (1994) vol.46:157-160.
10. Superoxide anion handling by erythrocytes loaded with alfa and beta hemoglobin chains: A chemiluminescence study.
    R.Gabbianelli, A.M.Santroni, A.Kantar, G.Falcioni.
    In: A.K.Campbell, L.J.Kricka and P.E. Stanley, editors. Biolum. Chemilum. Fundamentals and Applied Aspects. Chichester,UK:J. Wiley, (1994): 227-230.
11. Oxidative metabolism of neutrophils from children with trisomy 21 revealed by chemiluminescence assay.

A. Kantar, R.Gabbianelli, N.Oggiano, G.Falcioni, P.L.Giorgi, R.Fiorini.
In: A. K. Campbell, L. J. Kricka and P. E. Stanley, editors. Biolum.
Chemilum. Fundamentals and Applied Aspects. Chichester,UK:J.
Wiley, (1994): 231-233.

12. Effect of nedocromil sodium on polymorphonuclear leukocyte plasma membrane.
A.Kantar, N.Oggiano, P.L.Giorgi, G.V.Coppa, R.Gabbianelli, S.Bruni,
F.M.Cutrona and R. Fiorini.
Med. Inflam. (1994) n.3: S21-S24.
13. Effect of amiodarone on erythrocyte membrane fluidity.
R.Fiorini, A.Kantar, R.Gabbianelli and G.Falcioni.
Pharmacology (1994) 13:53-55.
14. Reduced priming capacity of bronchoalveolar lavage liquid on polymorphonuclearleukocytes after nedocromil therapy in asthmatic children.
R.Gabbianelli, A.Kantar, N.Oggiano, R.Fiorini, M.Gentili, G.Falcioni and P.L.Giorgi.
Clin. Drug Invest. (1995) n.9(1):57-60.
15. Effect of N-Acylethanolamines on trout erythrocytes.
G.Zolese, R.Gabbianelli, E.Bertoli, M. Wozniak G.Falcioni.
Chem.Phys.Lipids (1995) 75:97-100.
16. Seasonal variations of physical and biochemical membrane properties in "Salmo irideus" trout erythrocytes.
R.Gabbianelli, G. Falcioni, L. Mazzanti, E. Bertoli, G. Zolese.
Comp. Biochem.Phys. (1996) Vol114B n°3:275-279.
17. Plasma membrane perturbation induced by organotins on erythrocytes from Salmo irideus trout.
G.Falcioni, R.Gabbianelli, A.M.Santroni, G.Zolese, D.E.Griffiths and E.Bertoli.
Appl. Organom. Chem. (1996) Vol.10:451-457.24.
18. Physico-chemical characterization of plasma membranes from density-separated Salmo irideus trout erythrocytes.
R.Gabbianelli, A.M. Santroni, G.Falcioni, E.Bertoli, G.Curatola, G.Zolese.
Arch Biochem Biophys.(1996) Vol.336 n1:157-162.
19. Superoxide anion handling by trout erythrocytes:a chemiluminescence study.
R.Gabbianelli, A.M. Santroni, A. Concetti, A. Kantar, G. Falcioni.
Comp. Biochem. Phys. (1996) Vol 115C n1:83-87.
20. Effect of aromatic nitroxides on hemolysis of human erythrocytes entrapped with isolated hemoglobin chains.
R.Gabbianelli, G.Falcioni, A.M. Santroni, G. Caulini, L.Greci, E.Damiani.
Free Rad. Biol. Med. (1997) Vol.23n.2:278-284.
21. Interaction of trout hemoglobin with H_2O_2: chemiluminescence study.
R.Gabbianelli, G.Falcioni, A.M. Santroni,R.Fiorini, A.Kantar.
J.Biolum. Chemilum. (1997) 12(2) 79-85.
22. Effect of organotin compounds on trout hemoglobins.
A.M. Santroni, D.Fedeli, R.Gabbianelli, G.Zolese, G.Falcioni.
Biochem. Biophys. Res. Comm. (1997) 238 (2) 301-304.
23. Antioxidative activities of hemoglobin derivatives.
R.Gabbianelli, A.M. Santroni, D. Fedeli, G.C.Caulini, A.Kantar, G.Falcioni.
Biochem. Biophys. Res. Comm. (1998) 242:560-564.
24. The effect of indolinic and quinolinic nitroxide radicals on trout erythrocytes exposed to oxidative stress.
G.Falcioni, R.Gabbianelli, E.Damiani, A.M.Santroni, D.Fedeli, M.Wozniak, L.Greci.
Free Rad. Res. (1998) 28:507-516.
25. Steady-state fluorescence and CD of Salmo Irideus trout hemoglobins IV and I interacting with tributyltin.
G.Zolese, R.Gabbianelli, G.C. Caulini, E.Bertoli, G.Falcioni.

Proteins (1999) 34(4):443-452.

26. Plasma membrane perturbation induced by tributyltin chloride on density-separated trout erythrocytes.
    A.M. Santroni, D.Fedeli, G.Zolese, R.Gabbianelli, G.Falcioni.
    Appl. Organom.Chem. (1999) 13: 777-781.
27. Antioxidant activity of nitroxide stable radicals a chemiluminescent evaluation
    A.Kantar, D.Fedeli, L.Tiano, R.Gabbianelli, G.Falcioni.
    In: S.Albrecht, T. Zimmermann, H. Brandl editors. Chemiluminescence at the turn of the millennium. Schweda-Werbedruck GmbH, Druckerei e Verlag (2001) 196-199.
28. Hemoglobin components from trout (*Salmo irides*): determination of their peroxidative activity.
    D. Fedeli, L. Tiano, R. Gabbianelli, G.C. Caulini, M. Wozniak, G. Falcioni.
    Comp. Biochem. Physiol. (2001) B130/4 559-564
29. Biomembrane perturbation induced by xenobiotics in model and living systems.
    E. Bertoli, A. Ambrosini, G. Zolese, R. Gabbianelli, D. Fedeli, G. Falcioni.
    Cellular Molec. Biology Letters (2001) 6(2A): 334-339.
30. Effect of organotin compounds on trout AMP-deaminases.
    R.Gabbianelli, G.Falcioni, G.Lupidi
    Appl. Organom. Chem. (2002) 16(1):3-8.
31. Effect of different organotin compounds on DNA of gilthead sea bream (*Sparus aurata*) erythrocytes assessed by the comet assay.
    R. Gabbianelli , M. Villarini G. Falcioni, G. Lupidi.
    Appl. Organom. Chem.(2002) 16:163-168.
32. Cypermethrin-induced plasma membrane perturbation on erythrocytes from rats: reduction of fluidity in the hydrophobic core and in glutathione peroxidase activity
    R. Gabbianelli, G. Falcioni, C. Nasuti and F. Cantalamessa
    Toxicology (2002) 175 (1-3): 91-101.
33. A new method to evaluate spontaneous platelet aggregation in type 2 diabetes by cellfacts
    R. Gabbianelli G.Falcioni , C. S. Dow, F. P. Vince, B. Swoboda.
    Clinica Chimica Acta (2003) 329: 95-102.
34. DNA damage induced by copper on erythrocytes of gilthead sea bream *Sparus Aurata* and mollusc *Scapharca inaequivalvis*
    R. Gabbianelli, G. Lupidi, M.Villarini and G. Falcioni
    Archives of Environmental Contamination and Toxicology (2003) 45(3) 350-356.
35. Different effects of type I and type II pyrethroids on erythrocyte plasma membrane properties and enzymatic activity in rats
    C. Nasuti , F. Cantalamessa , G. Falcioni , R. Gabbianelli
    Toxicology (2003) 191: 233-244.
36. Fluorescence study on rat epithelial cells and liposomes exposed to aromatic nitroxides.
    R. Gabbianelli, G. Falcioni, G. Lupidi, L. Greci, E. Damiani
    Comparative Biochem. Physiol. (2004) 137/4: 355-362
37. Correlation between functional and structural changes of reduced and oxidized trout hemoglobins I and IV at different pHs.
    R.Gabbianelli, G.Zolese, E. Bertoli, G. Falcioni.
    Eur. J. Biochem. (2004) 271: 1971-1979.
38. Lymphocyte DNA damage in rats exposed to pyrethroids: effect of supplementation with vitamins E and C.
    R. Gabbianelli, C. Nasuti, G. Falcioni, F. Cantalamessa
    Toxicology (2004) 203 (1-3): 17-26.
39. Erythrocyte plasma membrane perturbations in rats fed a cholesterol - rich diet: effect of drinking sulphurous mineral water
    C. Nasuti, R. Gabbianelli, F. Cantalamessa,G. Falcioni.

Annuals Nutrition and Metabolism (2005) 49:9-15.

40. Synthesis, spectroscopic characterization (IR, ^{1}H and ^{119}Sn NMR, electrospray mass spectrometry) and toxicity of new organotin(IV) complexes with N,N',O- and N,N',S-scorpionate ligands
M.Pellei, C. Santini, G. Gioia Lobbia, F. Cantalamessa, C.Nasuti, M. Di Prinzio, R. Gabbianelli, G. Falcioni
Appl. Organom. Chem (2005) 19:583-589.

41. Lead induced changes in human erythrocytes and lymphocytes.
E. I. Slobozhanina, N. M. Kozlova , L. M. Lukyanenko, O. B. Oleksiuk, R. Gabbianelli, D. Fedeli, G.C. Caulini, G. Falcioni
Journal Applied Toxicology (2005) 25(2): 109-114.

42. Pyruvate but not lactate prevents NADH-induced myoglobin oxidation.
R.A. Olek, J. Antosiewicz, J. Popinigis, R. Gabbianelli, D. Fedeli, G.Falcioni
Free Radical Biol Med (2005) 38(11):1484-1490.

43. Antioxidative and gastroprotective activities of drug formulations derived from chestnut honey in rats.
C. Nasuti, R. Gabbianelli, G. Falcioni, F. Cantalamessa.
Nutrition research (2006) 26:130-137.

44. Effect of different organotins on DNA of mollusck (*Scapharca inaequivalvis*) erythrocytes assessed by the comet assay.
R Gabbianelli, M.Moretti, E.Carpenè, G. Falcioni
Science of the Total Environment (2006) 367:163-169.

45. Dopaminergic system modulation, behavioral changes, and oxidative stress after neonatal administration of pyrethroids.
C. Nasuti, R. Gabbianelli, M. L. Falcioni, A. Di Stefano, P. Sozio, F. Cantalamessa.
Toxicology (2007) 229(3):194-205.

46. Protective effect of ethyl pyruvate on msp rat leukocytes damaged by alcohol intake
D. Fedeli, G. Falcioni, R. Olek, M. Massi, C. Cifani, C. Polidori , R. Gabbianelli
J. Appl. Toxicol. (2007) 27:561-570.

47. Oxidative damage in rat erythrocyte membranes following ethanol intake: protective effect of ethyl pyruvate
R.Gabbianelli, C. Cifani, M. Massi, C. Polidori and G. Falcioni
Chem. Biol. Inter. (2007) 169: 122-131.

48. Interaction of tributyltin (IV) chloride and related [Bu_3sn(LSM)] complex with rat leukocytes and erythrocytes: effect on DNA and on plasma membrane
M. L. Falcioni, M. Pellei, R. Gabbianelli.
Mutation research (2008) 653/1-2:57-62.

49. Hemoglobin system of *Sparus Aurata*: changes in fishes farmed under extreme conditions
S. Campo, G. Nastasi, A. D'Ascola, G. M. Campo, A. Avenoso, P. Traina, A. Calatroni, E. Burrascano, A. G. Lupidi, R. Gabbianelli and G. Falcioni
Science of the Total Environment (2008) 403(1-3):148-53.

50. Effect of permethrin plus antioxidants on locomotor activity and striatum in adolescent rats.

C. Nasuti, M.L. Falcioni. I. E. Nwankwo, F. Cantalamessa, R.Gabbianelli

Toxicology (2008) 251(1-3):45-50.

51. Permethrin induces Endo III and Fpg lymphocyte DNA damage and change in monocyte respiratory burst in rats.

    R.Gabbianelli, M.L.Falcioni, F. Cantalamessa, C.Nasuti

    J Appl Toxicol. (2009) 29(4):317-22.

52. Codrugs linking L-dopa and sulfur-containing antioxidants: new pharmacological tools against Parkinson's disease.

    F Pinnen, I Cacciatore, C Cornacchia, P Sozio, LS Cerasa, A Iannitelli, C Nasuti, F Cantalamessa, D Sekar, R Gabbianelli, M.L.Falcioni, A. Di Stefano. J. Med Chem. (2009) 22;52(2):559-563.

53. Effect of permethrin insecticide on rat polymorphonuclear neutrophils.

    R.Gabbianelli, M. L. Falcioni,C. Nasuti, F. Cantalamessa, I. Imada, M. Inoue

    Chem Biol. Interaction (2009) 182(2-3):245-252.

54. Erythrocyte antioxidants enzymes imbalance following subcutaneous pyrethroid treatments in rats of different sex .

    I.Chargui, M. L. Falcioni, H. Ben Cheikh , R.Gabbianelli

    Environmental Toxicology and Pharmacology (2010) 39:116-120.

55. The primary role of GSH against nuclear DNA damage of striatum induced by permethrin in rats

    Falcioni M. L., Nasuti C., Bergamini C., Fato R., Lenaz G., Gabbianelli R.

    Neuroscience (2010) 168(1):2-10.

56. Seasonal variation of fat composition in sheep's milk from areas of central Italy

    Carloni M, Fedeli, D, Roscioni T, Gabbianelli R, Falcioni G.

    Mediterranean Journal of Nutrition and Metabolism Volume 3, Number 1 (2010), 55-60, DOI:10.1007/s12349-009-0057-0

57. Oxidative DNA damage and repair following permethrin insecticide treatment in rat atrial cells.

    Dhivya Vadhana M.S, C. Nasuti, R.Gabbianelli

    Cardiovascular Toxicology (2010) 10(3):199-207.

58. Heart damage in adult rats following early life permethrin treatment
    M. S. D. Vadhana, M. Carloni, C. Nasuti, R. Gabbianelli, V. Scocco, D. Fedeli.
    FEBS Journal (2011) 278 (supp1):P15.19: 288.

59. Perturbation of rat heart plasma membrane fluidity due to permethrin insecticide metabolites.

    Vadhana M.S D., M.Carloni, C. Nasuti, R. Gabbianelli

    Cardiovascular Toxicology (2011) 11(3):226-234.

60. Early life permethrin insecticide treatment as origin of heart damage in adult rats

    Vadhana M.S D., M.Carloni, C. Nasuti, D. Fedeli, R. Gabbianelli

    Experimental Gerontology (2011) 46(9):731-738.

61. The impact of early life permethrin exposure on development of neurodegeneration in adulthood.

Carloni M, Nasuti C, Fedeli D, Montani M, Amici A, Vadhana DM.S, and Gabbianelli R

Experimental Gerontology (2012) 47(1): 60-66.

62. *Leukocyte Nurr1 as peripheral biomarker of early-life environmental exposure to permethrin insecticide*
D. Fedeli, M. Montani, M. Carloni, C. Nasuti, A. Amici, R. Gabbianelli.
Biomarkers (2012) 17(7): 604-609.
63. Effects of early life permethrin exposure on spatial working memory and on monoamine levels in different brain areas of pre-senescent rats.
Nasuti C., Carloni M., Fedeli D., Gabbianelli R., Di Stefano A., Cerasa L. S., S. Isabel, Domingues V., Ciccocioppo R.
Toxicology (2013) 303: 162– 168.
64. Early life permethrin exposure induces long-term brain changes in Nurr1, NF-kB and Nrf-2
M. Carloni, C.Nasuti, D. Fedeli, M. Montani, A. Amici, M.S. D. Vadhana, R. Gabbianelli
Brain Research (2013), 1515: 19-28 DOI information: 10.1016/j.brainres.2013.03.048.
65. The effect of ethyl pyruvate supplementation on rat fatty liver induced by hypercaloric diet.
R. A. Olek, W. Ziolkowski, D. J. Flis, D. Fedeli, D. Fiorini, T. H. Wierzba, R.Gabbianelli.
J. Nutritional Science and Vitaminology 2013;59(3):232-7
66. Epigenetic regulation of Nurr1 in striatum of rats exposed to permethrin insecticide
Vadhana M.S D., C. Nasuti, M. Carloni, D. Fedeli, M. Montani, A. Amici, R. Gabbianelli
Neurodegenerative Diseases (2013) 11:(suppl 1):1 (DOI:10.1159/000440740)
67. Imbalance in redox system of rat liver following permethrin treatment in adolescence and neonatal age
Gabbianelli R, Palan M, Flis D J, Fedeli D, Nasuti C, Skarydova L, Ziolkowski W.
Xenobiotica (2013) 43(12):1103-10.
68. Early life permethrin treatment leads to long-term cardiotoxicity.
Vadhana M.S D, Arumugam S, Carloni M, Nasuti C, Gabbianelli R.
Chemosphere (2013) 93(6):1029-34
69. Early life permethrin exposure leads to hypervitaminosis D, nitric oxide and catecholamines impairment
D. Fedeli, M. Carloni, C. Nasuti, A Gambini, V. Scocco, R. Gabbianelli.
Pestic Biochem Physiol. (2013) 107(1):93-7.
70. Exercise-induced heart mitochondrial cholesterol depletion influences the inhibition of mitochondrial swelling.
W. Ziolkowski, D.M.S. Vadhana, J. J. Kaczor, R.A. Olek, D. J. Flis, Malgorzata Halon, Michal Wozniak, D. Fedeli, M. Carloni, J. Antosiewicz, and R. Gabbianelli
Experimental Physiology 2013 98(10):1457-68.
71. A superoxide dismutase biosensor for measuring the antioxidant capacity of blueberry based integrators.
Campanella L., Gabbianelli R., Gatta T., Mazzone E., Tomassetti M.
Current Pharmaceutical Analysis (2013) 9: 208-216.
72. Protective effect of alpha-lipoic acid on cypermethrin-induced oxidative stress in Wistar rats.
F. Mignini, C. Nasuti, D. Fedeli, L. Mattioli, M. Artico, R. Gabbianelli
International Journal of Immunopathology and Pharmacology (2013) 26(4):871-881.
73. Implications of dietary leucine on muscle mTOR gene expression and redox status in rats following high intensity effort.
Carloni M, Fedeli D, Nasuti C, Sponsiello N, Gabbianelli R.
Current Nutrition and Food Science (2014)10(4): 288-293.
74. Neonatal exposure to pyrethroid pesticides causes lifelong hippocampal dysfunction and alters synaptic functionality.
Nasuti C., Fattoretti P., Carloni M., Fedeli D., Ubaldi M., Ciccocioppo R.,Gabbianelli R.
Journal Neurodevelopmental disorders (2014) 29;6(1):7-18.
75. Effect of 17β-estradiol on striatal dopaminergic neurodegeneration induced by permethrin in

early childhood rats
Nasuti C, Carloni M, Fedeli D, Di Stefano A, Marinelli L, Cerasa LS, Meda C, Maggi A, Gabbianelli R
Chemosphere (2014), pp. 496-502.

76. Exposure to low dose of pesticide in early life modifies the plasma protein profile in adolescent rats.
S.Vincenzetti, D. Fedeli, M. Ricciutelli, S.Pucciarelli, C. Nasuti, R. Gabbianelli.
Journal Nutrigenetics and Nutrigenomics (2014), 7: 89.

77. Metal detection in hair as biomarker to monitor the health status in rats
Nasuti.C, Ferraro S . , Giovannetti R. , Fedeli D. , Guidi M. , Ferri A., Gabbianelli R.
Journal Nutrigenetics and Nutrigenomics (2014), 7:85.

78. *Early life permethrin treatment induces in striatum of older rats changes in ✔-synuclein content*
Fedeli D., Montani M., Nasuti C., Gabbianelli R.
Journal Nutrigenetics and Nutrigenomics (2014), 7:80.

79. Microbiota characterization following neonatal permethrin exposure: effect of alkaline water
Coman M.M., Mancusi A., Olek R.A., Nasuti C., Fedeli D., Verdenelli M.C., Cecchini C., Silvi S., Fiorini D., Gabbianelli R.
Journal Nutrigenetics and Nutrigenomics (2014), 7:78.

80. Permethrin and its metabolites affects Cu/Zn Superoxide conformation: fluorescence *and in silico* evidences.
Gabbianelli R., Carloni M., Marmocchi F., Nasuti C., Fedeli D., Laudadio E., Massaccesi L. and Galeazzi R.
Molecular BioSystems (2015)**11**: 208-217.

81. Prolonged swimming promotes cellular oxidative stress and p66Shc phosphorylation but does not induce oxidative stress in mitochondria in the rat heart.
W. Ziolkowski, D. J. Flis, M. Halon, D. Vadhana MS, R. Antoni Olek, M.Carloni, J. Antosiewicz, J. J. Kaczor and R. Gabbianelli
Free Radical Research 2015 49(1): 7-16

82. Protective effect of glutathione on damage induced by permethrin in a neuronal model of PC12 cells.
Bordoni L., Capitani M., Nasuti C., Gabbianelli R.
Journal Nutrigenetics and Nutrigenomics (2015) 8:5.

83. Permethrin pesticide residues in food mediate progressive neuronal disorder
Nasuti C., Vincenzetti S., Correia-Sá L., Domingues V., Fedeli D., Ricciutelli M., Pucciarelli S., Gabbianelli R.
Journal Nutrigenetics and Nutrigenomics (2015) 8:5

84. A new salting out system for improving the efficiency of the headspace solid-phase microextraction of short and medium chain free fatty acids
Fiorini D., Pacetti D, Gabbianelli R, Gabrielli S, Ballini R.
Journal of Chromatography A (2015) (28)1409:282-287.

85. A survey on hydration and body composition among Italian young athletes.
S. Tamburo, S.Pucciarelli, V. Napolioni, M. Nabissi, N.Sponsiello, E. Amadio, R. Gabbianelli.
Obesitologica Hungarica (2015) 14 supp (2)A0080.

86 Intergenerational effect of early life exposure to permethrin: changes in global DNA methylation and in Nurr1 gene expression.
Bordoni L, Nasuti C, Mirto M, Caradonna F and Gabbianelli R
Toxics (2015) *3*(4), 451-461.

87.Exercise-Induced Changes in Caveolin-1, Depletion of Mitochondrial Cholesterol, and the Inhibition of Mitochondrial Swelling in Rat Skeletal Muscle but Not in the Liver,
Damian Jozef Flis; Robert Antoni Olek; Jan Jacek Kaczor; Ewa Rodziewicz; Malgorzata Halon; Jedrzej Antosiewicz; Michal Wozniak; Rosita Gabbianelli; Wieslaw Ziolkowsk. Oxidative Medicine and Cellular Longevity, Volume 2016 (2016), Article ID 3620929, 8 pages http://dx.doi.org/10.1155/2016/3620929.

88. Proteomic analysis for early neurodegenerative biomarker detection in an animal model
Vincenzetti S., Nasuti C., Fedeli D., Ricciutelli M., PucciarelliS. , and Gabbianelli R.
Biochimie (2016) 121: 79–86.

89. Metal and Microelement Biomarkers of Neurodegeneration in Early Life Permethrin-Treated Rats.
Cinzia Nasuti, Stefano Ferraro, Rita Giovannetti, Marco Piangerelli and Rosita Gabbianelli.
Toxics (2016), *4*(1), 3; doi:10.3390/toxics4010003

90. Microbiota characterization in an animal model of Parkinson's-like disease.
Nasuti C, Coman M. M., Olek R. A., Fiorini D., Verdenelli MC, Cecchini C, Silvi S., Fedeli D., Gabbianelli R.
Environmental Science and Pollution Research (2016)23(11):10930-7. doi: 10.1007/s11356-016-6297-x.

91.Pirethroid pesticide metabolite in urine and microelements in hair of children affected by Autism Spectrum Disorders: A Preliminary Investigation.
Valentina F. Domingues, Cinzia Nasuti, Marco Piangerelli, LuísaCorreia-Sá, Alessandro Ghezzo, Marina Marini, Provvidenza M Abruzzo, PaolaVisconti, Marcello Giustozzi, Gerardo Rossi and Rosita Gabbianelli
International J. Environmnetal Research Public Health (2016) 13(4)388 doi:10.3390/ijerph13040388

92. A quantitative headspace-solid-phase microextraction-gas chromatography-flame ionization detector method to analyze short chain free fatty acids in rat feces.
Fiorini D, Boarelli Mcom C, Gabbianelli R, Ballini R, Pacetti D.
Anal Biochem. 2016, 508:12-4. doi: 10.1016/j.ab.2016.05.023.

93. Nurr1 Gene Expression and Global DNA Methylation in Offspring from Permethrin-Treated Rats
Laura Bordoni, Cinzia Nasuti, Maria Mirto, Ilenia Cruciata, Fabio Caradonna, Rosita Gabbianelli
J Nutrigenet Nutrigenomics 2016;9:133.

94. Protection with Electrolyzed Reduced Water on Gut Microbiota in Rats Exposed to Permethrin during Postnatal Development
Cinzia Nasuti, Donatella Fedeli, Dennis Fiorini, Ivan Dus, Rosita Gabbianelli
J Nutrigenet Nutrigenomics 2016;9:141.

95. Effect of Electrolyzed Reduced Water in an Animal Model of Parkinson-Like Disease
Cinzia Nasuti, Donatella Fedeli, Laura Bordoni, Maura Montani, Ivan Dus, Rosita Gabbianelli
J Nutrigenet Nutrigenomics 2016;9:142.

96. Less Capability to Excrete Food Pesticide Residues in ASD Children
Mattia Orazi, Maria Cavaliere, Valentina F. Domingues, Marco Piangerelli, Marina Marini, Alessandro Ghezzo, Paola Visconti, Rosita Gabbianelli**.**
J Nutrigenet Nutrigenomics 2016;9:144.

97. Hair microelement profile as a prognostic tool in Parkinson's disease
Stefano Ferraro, Cinzia Nasuti, Marco Piangerelli, Marco Guidi, Rita Giovannetti, Augusto Ferri and Rosita Gabbianelli
Toxics 2016, 4(4), 27; doi:10.3390/toxics4040027102.

98. Early life exposure to permethrin: a progressive animal model of Parkinson's disease
Cinzia Nasuti, Gloria Brunori, Piera Eusepi, Lisa Marinelli, Roberto Ciccocioppo, Rosita Gabbianelli.
J Pharmacol Toxicol Methods. 2017, (83):80-86.

99. In Vivo and in Silico Studies to Identify Mechanisms Associated with Nurr1 Modulation Following Early Life Exposure to Permethrin in Rats.
Fedeli Donatella, Montani Maura, Bordoni Laura, Galeazzi Roberta, Nasuti Cinzia, Correia-Sá Luísa, Domingues Valentina F, Maini Jayant, Brahmachari Vani, Massaccesi Luca, Laudadio Emiliano and Gabbianelli Rosita.
Neuroscience 2017 (6) 340:411-423.

100. Obesity-related genetic polymorphisms and adiposity indices in a young Italian population
Laura Bordoni , Francesca Marchegiani , Valerio Napolioni and Rosita Gabbianelli
IUBMB life 2017, 69 (2), 98-105
101. Angiotensin-Converting Enzyme (ACE) Ins/Del polymorphism and body composition: the intermediary role of the hydration status.
Bordoni Laura, Napolioni Valerio, Marchegiani Francesca, Amadio Emilio and Gabbianelli Rosita
Journal of Nutrigenomics and Nutrigenetics (2017), 10:1-8.
102. Knowledge and acceptance of functional foods: a case study on influence of a synbiotic fermented milk on athletes health
Maria Magdalena Coman, Maria Cristina Verdenelli, Stefania Silvi, Cinzia Cecchini, Rosita Gabbianelli, Emilio Amadio, Carla Orpianesi, Alberto Cresci
International Journal of Probiotics and Prebiotics (2017), 12 (1): 33-42.
103. Permethrin pesticide induces NURR1 up-regulation in dopaminergic cell line: is the pro-oxidant effect involved in toxicant-neuronal damage?
Bordoni L., Fedeli D, Nasuti C., Capitani M., Fiorini D. and Gabbianelli R.
Comprative Biochemistry and Physiology C (2017) 201: 51–57.
104. Chemical differences between high price extra virgin olive oils and low price extra virgin olive oils. Dennis Fiorini, Maria Chiara Boarelli, Paolo Conti, Giovanni Caprioli, Massimo Ricciutelli, Gianni Sagratini, Donatella Fedeli, Rosita Gabbianelli, Deborah Pacetti.
Food Res Int. (2018); 105:65-75.
105. Epigenetics and neurodegeneration: role of early-life nutrition.
Gabbianelli Rosita and Elisabetta Damiani. The Journal of Nutritional Biochemistry (2018) 57:1-13.
106. Epigenetics in ageing and development. Gabbianelli R, Malavolta M. Mech Ageing Dev. 2018 May 17. pii: S0047-6374(18)30117-9. doi: 10.1016/j.mad.2018.05.005.
107. The possible ameliorative effect of Olea europaea L. oil against deltamethrin-induced oxidative stress and alterations of serum concentrations of thyroid and reproductive hormones in adult female rats. Mekircha F, Chebab S, Gabbianelli R, Leghouchi E. Ecotoxicol Environ Saf. 2018 11;161:374-382.
108. Modulation of the Epigenome by Nutrition and Xenobiotics during Early Life and across the Life Span: The Key Role of Lifestyle. Rosita Gabbianelli, Lifestyle Genomics, 2018, DOI: 10.1159/000490751
109. Can Nigella sativa oil control inflammation in human pre-adipocytes? L. Bordoni, D. Fedeli, F. Maggi, F. Papa, A. Sawicka, R. Olek, R. De Caterina, M. Wabitsch and R. Gabbianelli. Lifestyle Genomics, (2018); 2, DOI: 10.1159/000490753
110. Evaluation of the antioxidant properties of table olive from "Piantone di Mogliano" cultivar.
A. Ariani, R. Gabbianelli, D. Fedeli, P. Polidori, N. Cammertoni, S. Vincenzetti. Lifestyle Genomics, (2018); 4, DOI: 10.1159/000490753
111. Zic1 mRNA is transiently up-regulated in subcutaneous fat of acutely cold-exposed mice.
Jessica Perugini, Laura Bordoni , Wiebe Venema , Samantha Acciarini , SaverioCinti, Rosita Gabbianelli* , Antonio Giordano. Journal of Cellular Physiology (in press).
112. Early-life oxidative stress induces epigenetic inheritance of neurodegeneration
Bordoni Laura, Nasuti Cinzia, Galeazzi Roberta, Laudadio Emiliano, Massaccesi Luca, Rodas Gerardo Lopez and Gabbianelli Rosita. Submitted to Biochemical Journal.
113. Epigenetic inheritance and neurodegeneration: nutriepigenomics and food pesticides.
Laura Bordoni, Cinzia Nasuti, Antonio Di Stefano, Lisa Marinelli, Rosita Gabbianelli
Submitted to Oxidative Medicine and Cellular Longevity.
114. HTR2C gene variant and salivary cortisol levels after endurance physical activity. Laura Bordoni, Donatella Fedeli, Marco Piangerelli, Rosita Gabbianelli. Submitted to Molecular and Cellular Endocrinology

Chapter of book:

1. Pyrethroid Environmental Exposure as Risk Factor for Mammal Diseases.
M Carloni, D.Fedeli, R. Gabbianelli , C. Nasuti.
In : Advances in Environmental Research. Volume 24, Cap. 854: (2012).
https://www.novapublishers.com/catalog/product_info.php?cPath=23_29&products_id=30318&osCsid=45259783e96c7b46237823fc7defb152

2. Accumulation of Damage Due to Lifelong Exposure to Environmental Pollution as Dietary Target in Ageing.
Gabbianelli R., Fedeli D., Nasuti C.
In : Molecular Basis of Nutrition and Aging: A Volume in the Molecular Nutrition Series. Malavolta M and Mocchegiani E. Accademic press, Elsevier (2016).

Guest Editor:

Gabbianelli R. Martinez A, De Caterina R. European Summer School on Nutrigenomics
J Nutrigenet Nutrigenomics 2014;7:75–93 DOI: 10.1159/000365938
Gabbianelli R. Martinez A, De Caterina R. Second European Summer School on Nutrigenomics
J Nutrigenet Nutrigenomics 2016;9:1–23 DOI: 10.1159/000448866

POSTERS AND ORAL PRESENTATIONS AT MEETINGS

1.Encapsulation of aprotinin in human erythrocytes.
G. Falcioni, R.Gabbianelli, L.Zolla and M.Brunori.
International Symposium on "Biotecnology in Clinical Medicine".
Rome (Italy), April 13-15 1987.

2.Rilascio in vivo di aprotinina incapsulata in globuli rossi di topo.
G.Falcioni, R.Gabbianelli, V.Grelloni, A.Concetti, L.Zolla e M.Brunori.
Società Italiana di Biochimica:Riunione annuale della sezione Tosco-Umbro-Marchigiana, Ancona 21 maggio 1988.

3.Inibitori di proteasi incapsulati in globuli rossi umani.
A. Concetti, G.Falcioni, R.Gabbianelli, L.Zolla e M.Brunori.
XXXIV Congr. SIB, 2.4 ottobre, Pavia, 1988.

4.Studi sull'incapsulamento di inibitori proteici di proteasi in eritrociti.
G.Falcioni, R.Gabbianelli, A.Concetti, L.Zolla e M. Brunori.
XXIX Riunione gruppo per lo studio dell'eritrocita.
Alghero 27 maggio 1989.

5.Aprotinin release by loaded mouse erythrocytes.
G.Falcioni, R.Gabbianelli, A.Concetti, V.Grelloni, L.Zolla e M.Brunori.
Third Int. Meeting for the use of resealed erythrocytes as carrier and bioreators.
Cleveland (Ohio) October 1989.

6. In "vivo" release of aprotinin by loaded mouse erythrocytes.
G.Falcioni, R.Gabbianelli, V.Grelloni, A.Concetti, L.Zolla and M.Brunori.
Ital.J. Biochem. (1989) vol.38 n.3: 196A-198A.

7.Glutatione perossidasi ed emolisi ossidativa.
F. Grelloni, R.Gabbianelli, G.Falcioni.
Soc. Ital. Biochim. : Sez. Tosco-Umbro-Marchigiana.
Ancona 7 giugno 1991.

8.Enzymatic antioxidative activity in blood after prolonged overphysiological glucose levels.
I. Testa, A.R.Bonfigli, A.Bottaccio, L-Palma, G.De Sio, R.Gabbianelli and G.Falcioni.

Int. Conf.on Critical Aspects of free radicals in chemistry, biochemistry and medicine.
Vienna, February 14-17 1993.

9.Plasma membrane fluidity in trout erythrocytes.
E.Bertoli G.Zolese , R.Gabbianelli, A.R.Bonfigli, G.Falcioni.
Ital.J.Biochem. (1993) vol.42 n.4:249A.

10.Seasonal changes of Na^+/K^+-ATPase activity of Salmo irideus erythrocyte membranes.
R.Gabbianelli, G.Falcioni, R.Staffolani, E.Bertoli, L.Mazzanti.
Ital.J.Biochem. (1993) vol.42 n.4:252A-253A.

11.Lucigenin chemiluminescence in the assessment of hemoglobin chain loaded erythocyte superoxide production.
R.Gabbianelli, A.M.Santroni,, A.Kantar, G.Falcioni.
Int. Soc.for the use of resealed erythrocytes.
San Antonio (Texas), 14-17 October 1993.

12.Hemoglobin oxidation and membrane fluidity of red blood cells from trout Salmo irideus.
A.R. Bonfigli, R.Gabbianelli, A.M.Santroni, E.Bertoli, G.Falcioni.
Ital.J.Biochem. (1993) vol.42 n.5:310A-311A.

13.Alterations in membrane fluidity of polymorphonuclear leukocytes from children with trisomy 21.
A.Kantar, P.L.Giorgi, R.Gabbianelli, G.Falcioni, R.Fiorini.
Free Rad.Biol.Med. (1993) vol.15 n.5:476.

14.Adattamenti stagionali dei lipidi di membrana eritrocitaria nella trota "Salmo irideus".
R.Gabbianelli, G.Zolese, L.Mazzanti. G.Falcioni, E.Betoli.
Soc. Ital. Biochim.: Sez. Tosco-Umbro-Marchigiana.
Assisi 22 aprile 1994.

15.Seasonal modifications in the plasma membrane of trout "Salmo irideus" erythrocytes.
G.Zolese, R.Gabbianelli, A.M.Santroni, E.Bertoli and G.Falcioni.
Ital. J.Biochem. (1994) vol.43, n.5:235A-236A.

16.Plasma membrane perturbation in trout erythrocytes induced by organotins.
R.Gabbianelli, A.M.Santroni, G.Zolese, G.Falcioni and E.Bertoli.
Ital.J.Biochem. (1994) vol.43,n.5:234A-235A.

17.Attività antiinfiammatoria del nedocromil: effetti sui granulociti polimorfonucleati.
A. Kantar, N. Oggiano, S. Bruni, E. Fabbrizi, R. Gabbianelli, G. Fabbrizi, P.L.Giorgi.
Soc.Ital.Ped. VII Congr.Naz.
Pisa 23-25 giugno 1994.

18.Effect of N-acylethanolamines and ethanolamine derivatives on trout erythrocytes.
G.Zolese, R.Gabbianelli, E.Bertoli, M.Wozniak and G.Falcioni.
Febs Spec. Meeting Biol. Membranes.
Helsinki 26 giugno-1 luglio 1994.

19.Seasonal adaptation of mambrane lipids in "Salmo irideus" trout erythrocytes.
G.Zolese, R.Gabbianelli, L.Mazzanti, E.Bertoli, G.Falcioni.
Febs Spec. Meeting Biol. Membranes.
Helsinki 26 giugno-1 luglio 1994.

20.Superoxide anion handling by erythrocytes loaded with alfa and beta chains. A chemiluminescence study.
R.Gabbianelli, A.M.Santroni,, A.Kantar and G.Falcioni.
8th Int. Symp.on Biolumin. and Chemilumin.
Cambridge 5-8 settembre 1994.

21.Oxidative metabolism of neuthrophils from children with trisomy 21 revealed

by chemiluminescence assay.
A.Kantar, R.Gabbianelli, N.Oggiano, R.Fiorini, G.Falcioni and P.L.Giorgi.
8th Int. Symp.on Biolumin. and Chemilumin.
Cambridge 5-8 settembre 1994.

22. Superoxide anion handling by density separated trout erythrocytes: a Chemiluminescence study.
R.Gabbianelli, A.M.Santroni,A. Concetti, A.Kantar and G.Falcioni.
39° Congr. Naz. SIB.
Pavia 14-17 settembre 1994.

23. Alterations in membrane polarity of red blood cells from children with trisomy 21.
R.Fiorini, E.Bertoli, G.Falcioni, R.Gabbianelli, P.L.Giorgi, A.Kantar.
39° Congr. Naz. SIB.
Pavia 14-17 settembre 1994.

24. Organotin action on the hemolytic activity of organotin compounds on trout red blood cells.
R. Gabbianelli, A.M. Santroni, G.Zolese, E.Bertoli, G.Falcioni.
15 th Con. Eur. Soc.Comp.Phys.Biochem.
Genova 20-23 settembre 1994.

25. Caratterizzazione chimico-fisico della membrana eritrocitaria della trota "Salmo irideus".
G.Zolese, R.Gabbianelli, A.M.Santroni, E.Bertoli, G.Falcioni.
Soc. Ital. Biochim.: Sez. Tosco-Umbro-Marchigiana.
Camerino 12 maggio 1995.

26. Attività perossidasica dei componenti emoglobinici della trota "Salmo irideus".
D. Fedeli, A.M.Santroni, R.Gabbianelli, G.Falcioni.
Riunione annuale gruppo nazionale SIB: Biochimica Marina e dell'Ambiente. Lecce 9-10 giugno 1995.

27. Globuli rossi di trota separati con gradiente di densità: proprietà fisiche e biochimiche delle membrane.
R. Gabbianelli, A. M. Santroni, G. Zolese, G. Falcioni, E. Bertoli.
Riunione annuale gruppo nazionale SIB: Biochimica Marina dell'Ambiente.
Lecce 9-10 giugno 1995.

28. Physico-chemical characterization of plasma membrane from density-seprated Salmo Irideus trout erythrocytes.
R.Gabbianelli, A.M. Santroni, G. Falcioni, G.Zolese and E.Bertoli
40° Congr.Naz. SIB.
Torino 1995.

29. Interaction of trout hemoglobin with H_2O_2: a chemiluminescence study.
R.Gabbianelli, A.M. Santroni, D.Fedeli, A.Kantar, G.Falcioni.
II Interational Conference Clinical Chemiluminescence.
Berlino 27-29 aprile 1996.

30. Effetto dei composti organici dello stagno sulla stabilità di emoglobina di trota.
A.M. Santroni, D.Fedeli, R.Gabbianelli, G.Zolese G.Falcioni.
Riunione annuale gruppo nazionale SIB: Biochimica Marina dell'Ambiente
Isole Tremiti (FG) 28-29 giugno 1996.

31. Steady-state fluorescence studies of Salmo Irideus trout hemoglobins in the presence of tributyltin.
R.Gabbianelli, G.Falcioni, G.Caulini, E.Bertoli, G.Zolese.
42° Congr.Naz. SIB.
Ancona 24-27 settembre 1997.

32. The interaction of tributyltin with Salmo Irideus trout HbIV and HbI studied by steady-state fluorescence and circular dichroism.
R.Gabbianelli, G.Zolese, E.Bertoli, G.Caulini, G.Falcioni.
Soc. Ital. Biochim.: Sez. Tosco-Umbro-Marchigiana.
Pisa, 6 giugno 1998.
33. Plasma membrane perturbation induced by tributyltin chloride on density-separated trout erythrocytes.
D.Fedeli, A.M.Santroni, G.Zolese, R.Gabbianelli, G.Falcioni.
Icebamo 1998 Odense.
34. Antioxidan activity of hemoglobin.
G.Falcioni, G.C. Caulini, D.Fedeli, A.M. Santroni, R.Gabbianelli, A.Kantar.
Polish J. Environm. Studies (1998) 7 (6): 367.
35. A CD study of different trout hemoglobin derivatives.
R. Gabbianelli, G.C. Caulini, E. Bertoli, G.Zolese, G.Falcioni.
Soc. Ital. Biochim.: Sez. Tosco-Umbro-Marchigiana.
Ancona 28 maggio 1999
36. Antioxidant activity if nitroxide stable radicals: a chemiluminescence evaluation.
A. Kantar, D.Fedeli, L.Tiano, R. Gabbianelli, M. Wozniak, G.Falcioni
An International Meeting- Fundamentals and Applications of Modern Chemi- and Bioluminescence research in Chemistry, Medicine and Education.
Dresden, 10-13 maggio 2000.
37. Antioxidant activity of Tempo and its derivates: a chemiluminescence evaluation.
G.Falcioni, A. Kantar, D.Fedeli, L.Tiano, R.Gabbianelli, M.Wozniak.
International Society of Antioxidants in Nutrition and Health.
Institut Pasteur, Paris 18-19- Maggio 2000.
38. Effect of organotin compounds on trout AMP-deaminases
R.Gabbianelli, G.Falcioni, G.Lupidi
Meeting of Italian Biochemical Society (Gruppo Biochimica Marina dell'Ambiente).
Ancona 16 giugno 2000
39. Effetto dei composti organici dello stagno sul sistema emoglobinico di Sparus Aurata.
R. Gabbianelli, B. Saggia, G.C. Caulini, G. Lupidi.
Ambiente e organismi marini: aspetti biologici e biochimici. Riunione gruppo Biochimica Marina dell'Ambiente.
Cesenatico 1 giugno 2001.
40. Effect of different organotin compounds on DNA of fish erythrocytes
R.Gabbianelli, D.Fedeli, L.Tiano, G. Lupidi, G.Falcioni
5th International Conference on Environmental and Biological Aspects of Main-Group Organometals (ICEBAMO).
Schielleiten, 5-9 Giugno 2001.
41. Interaction of organotin compounds with Sparus Aurata erythrocyte components
R. Gabbianelli, B. Sagnia, G. Caulini, G. Falcioni, G. Lupidi.
Ital. J. Biochem. (2001) 50(1-2):70-71.
42. Copper induces DNA damage on erythrocytes of Sparus aurata and Scapharca inaequivalvis.
R.Gabbianelli, B. Saggia, M. Villarini, G.Lupidi.
Ital. J. Biochem. (2001) 50(3-4):122-123.
43. Plasma membrane perturbation induced by cypermethrin on rat erythrocytes.
R. Gabbianelli, G. Falcioni, C. Nasuti, F. Cantalamessa
IV th Polan-Japan Symposium on Free Radicals in Biology and Medicine
Gdansk, 8-9 November 2001.
44. Danno del DNA in eritrociti di sparus aurata e scapharca inaequivalvis indotto dai composti organici dello stagno.
R. Gabbianelli, B.Sagnia, G. Falcioni, G. C. Caulini, G. Lupidi

"Basi molecolari delle risposte cellulari ad inquinanti chimici in molluschi e teleostei di acque costiere dell'Adriatico"
Perugia 11-12-gennaio 2002

45. Perturbazione della membrana plasmatica in eritrociti di ratti esposti alla cipermetrina

C.Nasuti, R. Gabbianelli, F. Cantalamessa G. Falcioni
"Basi molecolari delle risposte cellulari ad inquinanti chimici in molluschi e teleostei di acque costiere dell'Adriatico"
Perugia 11-12-gennaio 2002

46. Effect on membrane fluidity of aromatic nitroxide antioxidants on rat epithelial cells

E. Damiani, R. Gabbianelli, L. Greci, G. Falcioni, G. Lupidi
Free Radical Biology and Medicine (2002) 33 suppl.1:S255.

47. Influenza dell'idroterapia con acqua sulfurea su eritrociti di ratti alimentati con dieta ipercolesterolemica

C. Nasuti, R. Gabbianelli, F. Cantalamessa, G. Falcioni.

XXXII Congresso nazionale SINU, Salsomaggiore 10-12 ottobre 2002.

48. Attività dell'acqua sulfurea sul metabolismo delle lipoproteine plasmatiche e possibile meccanismo d'azione nel ratto ipercolesterolemico.

C. Nasuti, R. Gabbianelli, F. Cantalamessa, G. Falcioni.

XXXII Congresso nazionale SINU, Salsomaggiore 10-12 ottobre 2002.

49. Use of bioluminescent bacteria to detect the toxicity of different environmental pollutants

R. Gabbianelli, S. Girotti, L. Bolelli, F. Fini, F. Cantalamessa, G. Falcioni

SIBMA, San Benedetto del Tronto, 29-30 maggio 2003.

50. Effect of different organotin compounds on DNA of fish and mollusc erythrocytes

R. Gabbianelli, M. Villarini, A. Marconi, G. Lupidi

SIBMA, San Benedetto del Tronto, 29-30 maggio 2003.

51. In vitro and in vivo studies on biomembrane perturbations induced by organotin in marine organisms

G. Zolese, A. Ambrosini, E. Bertoli, R. Gabbianelli, D. Fedeli, G. Falcioni

SIBMA, San Benedetto del Tronto, 29-30 maggio 2003.

52. Effetto antiulcerogenico di un prodotto commerciale di miele di castagno

C. Nasuti, F. Cantalamessa, R.Gabbianelli, L.Mattioli, M. Perfumi
IX Congresso Nazionale di Fitoterapia, Salsomaggiore 30 maggio-1 giugno 2003

53. Correlation between functional and structural changes of reduced and oxidized trout hemoglobins I and IV at different pHs: a circular dichroism study.
G.Zolese, E. Bertoli, R.Gabbianelli, G. Falcioni.
XVII Meeting of the Protein Workgroup, Viterbo May 20-33 2004.

54.Effect of different tannin derivatives on trout hemoglobins in the presence of hydrogen peroxide.
R. Gabbianelli, G. Caulini, M. Berrettini, G. Lupidi
Riunione annuale di biochimica marina e dell'ambiente
Rapallo 27, 28 maggio 2004.

55. Pyruvate but not lactate prevents NADH-induced myoglobin oxidation.
R.A. Olek, J. Antosiewicz, J Popinigis, R. Gabbianelli, D. Fedeli, G. Falcioni
Summer meeting SFRR-Europe 2004 "Reactive oxygen species and antioxidants"
Lodz 2-5 luglio 2004

56. Pro/anti-oxidative activity of nitroxides on the presence of fluorescent probes.
L.Tiano, G. Lupidi, R. Gabbianelli, M. Berrettini, L. Greci, E. Damiani, G. Falcioni

Summer meeting SFRR-Europe 2004 "Reactive oxygen species and antioxidants"
Lodz 2-5 luglio 2004

57. DNA damage induced by organotins on *scapharca inaequivalvis* erythrocytes

R. Gabbianelli, M. Di Prinzio, G. Lupidi, G.C. Caulini, M. Monari and E. Carpenè

23th ESCPB Conference

Cesenatico 23-26 settembre 2004.

58. Effects of tributyltin on the MFO system and the antioxidant enzymes of the clam *Scapharca inaequivalvis.*

M. Monari, O. Cattani, G.P.Serrazzanetti, G. Andreani, R. Gabbianelli, E.Carpenè.

23th ESCPB Conference

Cesenatico 23-26 settembre 2004.

59. Erythrocyte membrane alterations by sub-chronic ethanol intake in alcohol preferring rats.

R.Gabbianelli, G.Falcioni, C.Polidori, M.Massi, G. Lupidi

International Symposium on "Oxidative Stress and Aging"
Pioraco, 15-17 June 2005.

60. Lymphocyte DNA damage in rats exposed to pyrethroids

R. Gabbianelli, C. Nasuti, G. Falcioni, F. Cantalamessa
50° Congresso Nazionale SIB
Riccione 27-30 settembre 2005

61. Alteration of dopaminergic system in rats treated with pyrethroids

R. Gabbianelli, C. Nasuti, M. L. Falcioni, A. Di Stefano, F. Cantalamessa
Riunione annuale di biochimica marina e dell'ambiente
Messina 8-9 giugno 2006.

62. Alteration in blood cells by sub-chronic ethanol intake in alcohol preferring rats: protective effect of ethyl pyruvate.

R. Gabbianelli, D. Fedeli, R. A. Olek, C. Cifani, M. Massi, C. Polidori, G. Falcioni.
Oxidative stress and aging, Nagoya University 11-12 september 2006.

63. DNA damage and plasma perturbation in rat leukocytes treated with tributyltin (IV) chloride or with a new tributyltin (IV) complex [Bu_3 sn(LSM)].

M. L. Falcioni, C. Santini, M. Pellei, G. Gioia Lobbia, R. Gabbianelli.
7th International Comet Assay Workshop 24th-27th June 2007 University of Ulster, Coleraine, Northern Ireland.

64. Effect Of Vitamins E And Coenzyme Q10 Supplementation in Rats Treated With Permethrin

R. Gabbianelli, C. Nasuti, M. L. Falcioni, F. Cantalamessa
The fifth Conference of the International Coenzyme Q10 Association, Kobe Gakuin University, Port Island, Kobe Japan, 9-12 November 2007 (selected as honorary work).

65. Fpg and Endo III recognize lymphocyte DNA damage in permethrin treated rats

M. L.Falcioni, C. Nasuti, F. Cantalamessa, R.Gabbianelli
Biochimica Marina e dell'Ambiente Cesenatico, 13 -14 giugno 2008

66. Can antioxidants protect rats against permethrin-induced oxidation?

R.Gabbianelli, M. L. Falcioni, C. Nasuti, F. Cantalamessa
The 5th International Forum on Oxidative stress and aging, Ancona September 12th-13th, 2008

67. Can Antioxidants Protect Against Permethrin-induced Increase of Polymorphonuclear Respiratory Burst? (Invited speaker)

R.Gabbianelli, M. L. Falcioni, C. Nasuti, F. Cantalamessa
The XIV Biennial Meeting of the Society for Free Radical Research International (14th SFRR) October 18-22, 2008 • Beijing, China

68. Oxidative stress and mitochondria ROS production in striatum cells following permethrin treatment .

M.L.Falcioni, C.Nasuti, F. Marmocchi, F. Cantalamessa, R. Gabbianelli
SIMBA, Cesenatico 8-10 July 2009

69. DNA-protein crosslinks following permethrin treatment in rat striatum cells
M. L. Falcioni, C. Nasuti, F. Cantalamessa and R. Gabbianelli
8th International Comet Assay Workshop
Perugia, 27-20 August 2009

70. Permethrin induced cardiac oxidative DNA damage in rats
D.Vadhana M.S, Nasuti C, Cantalamessa F and Gabbianelli R
8th International Comet Assay Workshop
Perugia, 27-20 August 2009.

71. Heart damage in adult rats following early life permethrin treatment
M. S. D. Vadhana, M. Carloni, C. Nasuti, R. Gabbianelli, V. Scocco, D. Fedeli.
FEBS Torino, 25–30 June, 2011

72. Early life permethrin treatment induces neurodegeneration in adult and old rats.
R.Gabbianelli, M. Carloni, D. Fedeli, M. Montani, A. Amici, D.Vadhana M.S, C. Nasuti
Oxidative stress and ageing, Gdansk 23-27 November, 2011

73. Heart Damage And Increase Of Inflammatory Mediators In Rats Following Early Life Pesticide Treatment
D. Fedeli, C.Nasuti, M.Carloni, D.Vadhana M.S, M.Montani, A. Amici , A. M. Gambini, V. Scocco and R. Gabbianelli
Oxidative stress and ageing, Gdansk 23-27 November, 2011

74. A superoxide dismutase biosensor for measuring the antioxidant capacity of blueberry based integrators.
Luigi Campanella, Rosita Gabbianelli, Tania Gatta, Elisa Mazzone, Mauro Tomassetti
Convegno Nazionale Sensori. Innovazione, attualità e prospettive, Roma, 15 - 17 febbraio, 2012.

75. Epigenetic regulation of Nurr1 in striatum of rats exposed to permethrin insecticide
D. Vadhana M.S, C. Nasuti, M. Carloni, D. Fedeli, M. Montani, A. Amici, R. Gabbianelli
The 11th International Conference on Alzheimer's and Parkinson's Diseases, Florence, italy, March 6-10, 2013.

76. Neonatal permethrin exposure induces long-term neurodegeneration: role of DNA methylation
R.Gabbianelli, D. Fedeli, M. Montani, M. Carloni, C. Nasuti
Oxidative stress and Aging, Bologna,12-14 June 2013.

77. Disturbi glutine correlati e nutrion-coaching: nuovo approccio per la terapia nutrizionale
L. Saturni, A. Panni, F.Rossi e R. Gabbianelli
ADI, L'infiammazione nella Malnutrizione e Malattie Metaboliche Cause e Terapie Nutrizionali
Lecce 17-19 ottobre 2013

78. I LARN Strumento Fondamentale per il Nutrition Coach
L. Saturni, A. Panni, F.Rossi e R. Gabbianelli
Firenze 21-22 ottobre 2013.

79. Alimentazione e salute: interazione nutrienti-genoma. R. Gabbianelli
Giornate del CUIA in Argentina, Buoenos Aires, 3-15 aprile 2014, (Invited speaker).

80. Conformational changes induced by permethrin and its metabolites on Cu-Zn superoxide dismutase: fluorescence, computational and docking results
R.Gabbianelli, M.Carloni, F.Marmocchi, C.Nasuti, D.Fedeli, E.Laudadio, L.Massaccesi, R.Galeazzi
BIT's 7th Annual World Protein and Peptide Conference, Dalian China, April 25-28, 2014 (Invited speaker)

81. α-synuclein and DNMT imbalance, following early life permethrin treatment, leads to Nurr1 down regulation
R.Gabbianelli, D.Fedeli, M.Montani, C.Nasuti, J.Maini, V. Brahmachari
BIT's 4th Annual World Congress Molecular and Cell Biology, Dalian China, April 25-28, 2014 (Invited speaker).

82. Nutri-epigenomica e cancro
R.Gabbianelli, II Giornata Internazionale Sensibilizzazione e Prevenzione del Tumore Ovarico, Jesi May 8t^{h} 2014 (Invited speaker).
83. Interazione nutrienti-genoma: meccanismi di regolazione dell'espressione genica.
Gabbianelli R. (invited speaker)
MMMeting 3EMME, Monteprandone, July, 3, 2014
84. Metal hair as early biomarker of Parkinson-like disease
Ferraro S.' Giovannetti R. , Nasuti.C, Fedeli D. , Gabbianelli R.
4th Scientific Day of School of Science and Technology, UNICAM, June 11, 2014.
85.Improving the sensitivity in the SPME-GC analysis of free fatty acids from food and other biological samples
Petruccelli F., Sandroni L. E. G., Gigli F., Ballini R., Marcantoni E., Gabbianelli R., Pacetti D., Fiorini D.
4th Scientific Day of School of Science and Technology, UNICAM, June 11, 2014.
86. Modelli animali da accumulo di metalli.
R. Gabbianelli, (Invited speaker).
Focus on: Malattia di Parkinson e Parkisnsonismi:12° edizione, Ancona, 17-18 October 2014.
87. Mangia ciò che sei.
R. Gabbianelli, (Invited speaker).
SyMMMposiumMMM , Riccione 29 marzo 2015.
88. Early Biomarkers of Parkinson-like disease
R. Gabbianelli, (Invited speaker)
BIT's 5th Annual World Congress Molecular and Cell Biology, Nanjing China, April 25-28, 2015.
89. Protective effect of glutathione on damage induced by permethrin in a neuronal model of PC12 cells.
Bordoni L., Capitani M., Nasuti C., Gabbianelli R.
9th Congress of International Society of Nutrigenetics and Nutrigenomics, Chappel Hill, North Carolina USA, May 17-19 2015
90. Permethrin pesticide residues in food mediate progressive neuronal disorder
Nasuti C., Vincenzetti S., Correia-Sá L., Domingues V., Fedeli D., Ricciutelli M., Pucciarelli S., Gabbianelli R.
9th Congress of International Society of Nutrigenetics and Nutrigenomics, Chappel Hill, North Carolina USA, May 17-19 2015.
91. Nutrigenomica e Nutrigenetica: interazione tra dieta e genoma, R. Gabbianelli, (Invited speaker)
Macerata, Soroptimist, 19 June 2015
92. The Knowledge And Acceptance Of Functional Foods: A Case Study On The Influence Of A Synbiotic Fermented Milk On Infection Incidence In Athletes. M.M. Coman, M.C. Verdenelli, S. Silvi, C. Cecchini, R. Gabbianelli, E. Amadio, C. Orpianesi, A. Cresci. The 7th International Symposium - EuroAliment 2015 - All about food, 24-26 September 2015, Galati, Romania, 16-19 (OC 1.2)
93. Nutrigenomica e salute: la prevenzione nelle scelte nutrizionali R. Gabbianelli, (Invited speaker)
Macerata 6 marzo 2016, Biblioteca Comunale.
94. Tocotrienol protective effect on neuronal damage induced by permethrin in PC12 cells
L.Bordoni, M. Capitani, C.Nasuti, S. Manfredini and R.Gabbianelli
III national and II international student congress on Food Science and Technology, on Bioactive compounds on natural origin in food science and technology, Valencia, 3,4 March 2016
95. Impact of food pesticides on the gut microbiota
R. Gabbianelli, (Invited speaker), D.Fedeli, L. Bordoni, D. Fiorini, I. Dus, C. Nasuti
10th Congress of International Society of Nutrigenetics and Nutrigenomics, Tel Aviv 22-25 May 2016, Israel.

96 Angiotensin-Converting Enzyme (ACE) I/D polymorphism influences body composition through the hydration status in a young Italian population
Laura Bordoni, Francesca Marchegiani, Valerio Napolioni, Rosita Gabbianelli
10th Congress of International Society of Nutrigenetics and Nutrigenomics, Tel Aviv 22-25 May 2016, Israel.

97 Answering the question: "Is extra virgin olive oil price a measure of its quality?"
D. Fiorini, M. C. Boarelli, S. Marconi, G.Caprioli, G. Sagratini, P. Conti, M. Ricciutelli, D. Fedeli, R. Gabbianelli.
Alimenti funzionali e nutraceutici per la salute, Camerino 28 giugno

98. Neuroprotection of electrolyzed reduced water: in vitro study on PC12 cell line
Donatella Fedeli, Cinzia Nasuti, Laura Bordoni, Maura Montani, Ivan Dus and Rosita Gabbianelli,
Alimenti funzionali e nutraceutici per la salute, Camerino 28 giugno.

99. Can early life exposure to permethrin lead to intergenerational effects? Rosita Gabbianelli Chromatin and the environment Embo Febs Lecture Course 8-14 August 2016, Spetses, Greece.

100. Epigenetica e salute:impatto degli xenobiotici e della nutrizione. Rosita Gabbianelli (invited Speaker) Corso di aggiornamento per Medici e Sanitari del Vietnam, Università di Camerino 28-31 agosto 2016

101. Permethrin pesticide as environmental risk factor for the development of neurodegenerative diseases. Rosita Gabbianelli (Invited speaker)
Epichembio, Cost meeting, University of Groningen 15-16 settembre 2016.

102. Early life nutrition and programming of adult health. Rosita Gabbianelli (invited speaker)
"Nutrition - Medicine of the future", Cluj-Napoca, 24-25 November 2016

103. Xenobiotic exposure and epigenetic remodeling behind neurodegeneration development.
Rosita Gabbianelli (invited speaker)
Epichembio Cost Meeting Dusseldorf, 8 March 2017.

104. Nutriepigenetica neonatale e salute, Rosita Gabbianelli (invited speaker)
STEBICEF, Università degli studi di Palermo, Palermo, Italia 29-31 Marzo 2017

105. Dieta, microbiota e salute Rosita Gabbianelli (invited speaker)
STEBICEF, Università degli studi di Palermo, Palermo, Italia 29-31 Marzo 2017

106. Epigenetics of pesticide-induced neurodegeneration, Rosita Gabbianelli (Speaker)
Alimenti e Nutraceutici: qualità e salute del consumatore, UNICAM, 4 luglio 2017

107. Early life nutrition and the programming of adult health: diet, microbiota and health. Rosita Gabbianelli (invited speaker). Facing the challenges of global health" An advanced course on poverty-related and negletted tropical diseases, 27th July-6th August 2017, Pemba, Zanzibar,Tanzania

108. Probiotics and aminoacid diet supplementation as tools against malnutrition, Rosita Gabbianelli (invited speaker)
Facing the challenges of global health" An advanced course on poverty-related and negletted tropical diseases, 27th July-6th August 2017, Pemba, Zanzibar, Tanzania

109. Chemical Stress Induces Up-Regulation of Nurr1: Role of Antioxidants.
Laura Bordoni, Donatella Fedeli, Cinzia Nasuti, Dennis Fiorini, Luana Quassinti, Massimo Bramucci, Rosita Gabbianelli. J Nutrigenet Nutrigenomics 2017;10:98.
11st Congress of International Society of Nutrigenetics and Nutrigenomics, Los Angeles , California, USA 16-19 September 2017

110. Early-Life Exposure to Permethrin Food Contaminant Inducing Neurodegeneration: Is It Matter of Epigenetics? Laura Bordoni, Cinzia Nasuti, Donatella Fedeli, Rosita Gabbianelli
J Nutrigenet Nutrigenomics 2017;10:123. 11st Congress of International Society of Nutrigenetics and Nutrigenomics, Los Angeles , California, USA 16-19 September 2017

112. NUTRIGENOMICS AND CANCER: strategies for prevention. Rosita Gabbianelli (Invited speaker). Nutrition – Medicine of the future, Cluj –Napoca, 23-24 November 2017.

113. New insights on molecolare and Epigenetica mechanisms of adipose browning in early cold

exposure: focus on Zirc1 expression regulation. Bordoni L., Perugini J., Acciarini S., Giordano A., Gabbianelli R. ans Cinti S. The many faces of Epigenetics: multidisciplinare perspettives "over" Genetics. Maison Francaise D'Oxford, Epichembio Cost Action, 6-8 December 2017.

114. Nutriepigenomics and epigenetic inheritance: insights on food pesticides and Neurodegeneration. Bordoni Laura, Nasuti Cinzia, Di Stefano Antonio, Marinelli Lisa and Gabbianelli Rosita . 5th INTERNATIONAL CONFERENCE ON FOODOMICS ICF2018 Foodomics 2018: from Data to Knowledge, Cesena 10-12, January, 2018
115. Preventive Strategies To Counterbalance Food Pesticide Effect On Epigenome And Gut Microbiota. Rosita Gabbianelli (Invited Speaker) Laura Bordoni, Donatella Fedeli, Cinzia NasutiThe NutRedOx COST Action CA16112 WGs Meeting, Palma, Mallorca, 15 – 16 February 2018.
116. Nutrigenomica come strategia di prevenzione nella neurodegenerazione. Rosita Gabbianelli (Invited Speaker) . La sfida della psicogeriatria: Tecnologia e cure umane. Associazione italiana psicogeriatria, Ancona 18 maggio 2018.
117. Improved intestinal permeability and increased fecal butyrate content in an animal model of Parkinson's disease treated with an electrolyzed-reducing water. Laura Bordoni, Donatella Fedeli, Dennis Fiorini, Rosita Gabbianelli, Cinzia Nasuti. Cibo e nutraceutici: direzione salute, Unicam, Camerino 10 luglio 2018.
118. Chemical compositional peculiarities and functional properties of monovarietal extra virgin olive oils from Marche Region. Fiorini Dennis, Boarelli Maria Chiara, Gabbianelli Rosita, Fedeli Donatella, Sagratini, Gianni, Caprioli Giovanni, Ricciutelli, Massimo, Giovannetti Rita, Ferraro, Stefano, Conti Paolo. Cibo e nutraceutici: direzione salute, Unicam, Camerino 10 luglio 2018.

Camerino, 20 agosto 2018