CURRICULUM SCIENTIFICO ED ACCADEMICO DELLA Prof.ssa *ANTONELLA AMATO*

Prof. Associato AMATO Antonella

Nome e Cognome: Antonella Amato
Data e luogo di nascita: [redacted]
Genere: femminile
Nationalità: Italiana
Affiliazione: Università degli studi di Palermo
Dipartimento: Dipartimento di Scienze e Tecnologie Biologiche, Chimiche e Farmaceutiche (STEBICEF)
Indirizzo: Viale delle Scienze, Ed. 16-90128 PALERMO (PA)
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QUALIFICATIONS
2004-2008 Assistant Professor - University of Palermo
2008-2019 Researcher - University of Palermo
2019-present Associate Professor - University of Palermo
2010-2012 Member of the PhD course “Human feeding and Nutrition” - University of Palermo
2020-present Member of the PhD course “Biomedicine, Neuroscience and Advanced diagnostics via telematics” - University of Palermo
2017-2023 Chair of the advanced course “Nutrition and Health” - University of Palermo
2023-present Co-Tutor of a PhD student in the PhD “Course Molecular and Biomolecular Sciences”
2023 National Scientific Qualification to function as full professor for scientific sector Physiology SSD/09, started from 09/06/2023.
May 2024 Coordinator of the CPDS

EDUCATION AND TRAINING
1998 Degree in Biological Sciences, cum laude -University of Palermo
2000 Stage on the “Institute de la santè et de la reserche Medicale” INSERM, Marseille France
2004: PhD in Molecular and Cellular Oncobiology-University of Palermo
2004: European Summer School in Neurogastroenterology and Motility. Haigerloch, Germania.
2006 Specialist in microbiology-University of Palermo

RESEARCH FIELD
Physiology of the gastrointestinal tract (control of motility);
Gut-brain peptides in the control of glucose homeostasis and neurodegeneration;
Obesity and neurodegeneration in animal models of diet induced obesity;
Functional foods and natural compounds in the treatment of obesity and related dysmetabolisms.

TEACHING ACTIVITIES
2005-2008 Assistant Professor - “laboratory of General Physiology” University of Palermo
2006-2010 Assistant Professor “Comparative Physiology” University of Palermo
2010-2012 Assistant Professor “Physiology of Nutrition” Biotecnology - University of Palermo
2009- 2019 Assistant Professor “Physiology of Nutrition” Biological science-University of Palermo
2013-2015 Assistant Professor “General Physiology” University of Palermo
2019-present Associate Professor “Physiology of Nutrition” Biological science-University of Palermo
2020-present Associate Professor “General Physiology” University of Palermo
2020-present Associate Professor “Physiology of Nutrition” Biotecnology -University of Palermo
2021-present Associate professor “Nutritional methodologies and diet therapy” – University of Palermo
2023-present Associate professor “Food Science”- “Pharmacy” – University of Palermo

AWARDS AND ACKNOWLEDGMENTS
2014 Member of National Scientific Evaluation and Rapporteur – project Scientific Independence of young Researchers (SIR)
2016 Award Best Poster -Meeting “Biotechnology Basic Interdisciplinary Translational Research in the Biomedical Field
2019 Award Best Poster - World Nanotechnology Conference

EDITORIAL ACTIVITY
Ad Hoc Reviewer: JCEM IF = 5.9; Cell Physiol Biochem IF= 5.14; Neurogastroent Motil IF= 3.8, Curr Med Chem IF= 3.89; J Gastroenterol Hepatol IF= 4.01; BMC; Frontiers in Physiology IF= 4.1; Nutrients IF= 5.7; Marine Drugs IF = 4.7; Theranostics IF= 11.5; Int J Mol Sci. IF = 4.556; Journ Funct Foods IF= 4.35, Antioxidants IF= 6.6
2019-2021 Guest Editor for Special Issue in Nutrients “New Research in Dietary Supplements’
2021-present Guest Editor for Special Issue in Nutrients “Natural compounds and Healthy Foods: new strategy to counteract chronic diseases”.
2018- present : Member of the editorial board (Editorial Board Member) of the international scientific journal 'Frontiers in physiology', IF= 4.75, Q1, as Review Editor in the "Vascular physiology" section.

2022-present: Associate Editor in the Metabolic Physiology section- Frontiers in physiology', IF= 4.75, Q1.

INVITED PRESENTATION
2016 Invited speaker to 67nd Congress of Physiological Society of Italy Catania, lecture: “Neuroprotective effects by glucagon-like peptide 2 in experimental obesity”.
2017 Invited speaker to European Biotech Week, IBIM-CNR, lecture: “Functional foods and natural plant extracts as potential therapeutic options for obesity and metabolic syndrome”
2021 Invited speaker to Nutrition Conference 2021 Webinar during 12-13 July 2021
2021 Invited speaker to 3rd International Conference on Neurovascular and Neurodegenerative Diseases (NVND-2021). Nov 08-10, 2021- Paris, France.
2022 Invited speaker at the International Conference "Innovation of healthcare systems: the syndemic approach on cardiometabolic diseases during and after COVID era" Policlinico Paolo Giaccone of Palermo-University of Palermo, 4-5 October 2022.
2022 Invited speaker at the National Congress "Role of research in the development of innovative processes in the circular economy" Re-Né Project, 11 November 2022 IRIB-CNR, Palermo.
2023 Invited speaker at the International Conference "2nd Global Summit on Food Science and Technology (GSFST2023), 23-25 March 2023 Rome-Italy.
2023 Organizer of the National Workshop: "Nutraceuticals and functional foods, industry and research in comparison" IRIB-CNR, Palermo - 3 February 2023. Publication of the proceedings on eBook with ISBN 9788894370720. 02/03/2023
2024 March, Invited speaker at the 2nd Nutrition Research Day (NRD2024) on March 22, 2024-Faculty of Health SciencesUniversity of Ottawa (Canada)
2024 May, Faculty Member at the Annual Congress of Central Europe Diabetes Association 2024

PATENTS
Co-inventor patent numbers: 102021000015167; Title of invention “Composizione comprendente indicaxantina per la prevenzione e il trattamento del diabete mellito di tipo 2, obesità, stress ossidativo e patologie infiammatorie”. License deposit date: June 10, 2021.

PAST FUNDING
2014-2015 Scientific Responsible of research projects "The role of Kèpar, a natural dietary supplement in the aterogenic process induced by NAFLD" funded by Rikrea s.r.l.-Modica
(RG)-Departmental Code: R4D15-4353RIKR.
2016 Scientific Responsible of research projects "Beneficial effects of the Sicilian pistachio comsuption (Pistacia vera L.; Valle del Platani-AG) on dysmetabolisms and cronic inflammation obesity related: analysis of mechanism of action", funded by Associazione “Pistacchio Valle del Platani” and Istituto Zooprofilattico Sperimentale della Sicilia “A. Mirri”.
2017 Scientific Responsible of research projects “Effects of AphaMax ®, an Aphanizomenon Flos-Aquae Aqueous Extract, on the human colon motility and in the experimental colitis in rats” funded by Nutrigea R&F s.r.l. Serravalle-Rep. San Marino. Departmental Code: -COMM-0104.
2018 Scientific Responsible of research projects " Identification of natural substances with beneficial effects on the obesity dismetabolims” funded by ENFARMA S.r.l., Misterbianco (CT),Departmental Code: CON-0024.
2022 Scientific Responsible of research projects " Identification of Additive Effects of Natural Extracts on Obesity-Related Dysmetabolisms in a Diet-Induced Obesity Mouse Model” funded by ENFARMA S.r.l., Misterbianco (CT).
2022 to present Scientific responsible for the Physiology unit of the STEBICEF Department, for the PNRR:
DARE – DIGITAL LIFELONG PREVENTION, SPOKE 2 - COMMUNITY-BASED DIGITAL PRIMARY PREVENTION, WP Disease-independent determinants and lifestyles in daily-life and occupational environments. Duration 5 years
2023 to present Principal Investigator of PRIN-PNRR project “Indica”. Duration 2 years
2024 Member of the project “Uso efficiente dei sottoprodotti nelle imprese oli-vinicole – SCORELINE”, PRJ-0413 – R.S. Prof. Vincenzo Arizza

PUBLICATIONS

Total number of publications in peer-review journals = 66
Total number of citations: 1746
H-Index: 28

1. Mulè F, D’Angelo S, Amato A, Contino I, Serio R. Modulation by nitric oxide of spontaneous mechanical activity in rat proximal colon. J Aut Pharmac 1999, 19: 1-6. IF : 1.1
2. Mulè F, D’Angelo S, Tabacchi G, Amato A, Serio R. Mechanical activity of small and large intestine in normal and MDX mice: a comparative analysis. Neurogastroenterol. Mot. 1999, 11:133-139. IF: 3.5
3. Migliavacca M, Bazan V, Tubiolo C, Macaluso M, Zanna I, Corsale S, Amato A, Calò V, Dardanoni G, Morello V, La Farina M, Albanese I, Tomasino RM, Gebbia N, Russo A. Have p53 gene mutations and protein expression a different biological significance in colorectal cancer? J Cell Physiol. 2002, 191: 237-246. IF: 5.54
4. Migliavacca M, Bazan V , Zanna I , Tubiolo C, Corsale S, Calò V, Amato A, Cammareri P, Latteri F, Grassi N, Piazza G, Fulfaro F, Porcasi R, Morello V, Nuara RB, Dardanoni G, Salerno S, Dusonechet L, GerbinoA, Gebbia N, Tomasino RM, Russo A. DNA ploidy and S-phase fraction, but not p53 or nm23-h1 expression, predict outcome in colorectal cancer patients. Result of a 5-year prospective study. J Cancer Res Clin Oncol. 2002, 128: 650-658. IF: 4.1

5. Dusonchet L, Corsale S, Migliavacca M, Calò V, Bazan V, Amato A, Cammareri P, Totaro MS, Agnese V, Cascio S, La Rocca G, Sisto PS, Dardanoni G, Valerio MR, Grassi N, Latteri S, Cajozzo M, Buscemi M, Castorina S, Morello V, Tomasino RM, Gebbia N, Russo A. NM23 expression does not predict clinical survival in CRC patients. Oncology Report 2003, 100: 1257-1263. IF: 3.6
6. Amato A, Corti A, Serio R, Mulè F. Inhibitory influence of chromogranin A N-terminal fragment (vasostatin-1) on the spontaneous contractions of rat proximal colon. Regul Pept. 2005, 130: 42-47. IF: 1.8
7. Mulè F, Zizzo MG, Amato A, Feo S, Serio R. Evidence for a role of inducible nitric oxide synthase in gastric relaxation of mdx mice. Neurogastroenterol Motil. 2006, 18: 446-454. IF: 3.5
8. Mulè F, Amato A, Vannucchi MG, Faussone-Pellegrini MS, Serio R. Role of NK1 and NK2 receptors in mouse gastric mechanical activity. Br J Pharmacol. 2006, 147: 430-436. IF: 8.7
9. Mulè F, Amato A, Vannucchi MG, Faussone-Pellegrini MS, Serio R. Altered tachykinergic influence on gastric mechanical activity in mdx mice. Neurogastroenterol Motil. 2006, 18: 844-852. IF: 3.5
10. Amato A, Serio R, Mule' F. Relaxation induced by N-terminal fragments of chromogranin A in mouse gastric preparations. Regul Pept 2007, 139: 90-95. IF: 1.8
11. Mulè F, Amato A, Baldassano S, Serio R Evidence for a modulatory role of cannabinoids on the excitatory NANC neurotransmission in mouse colon. Pharmacol Res. 2007, 56: 132-9. IF: 3.6
12. Mulè F, Amato A, Baldassano S, Serio R. Involvement of CB1 and CB2 receptors in the modulation of cholinergic neurotransmission in mouse gastric preparations. Pharmacol Res. 2007, 56:185-92. IF: 3.6
13. Mulè F, Amato A, Serio R. Role for NK(1) and NK(2) receptors in the motor activity in mouse colon. Eur J Pharmacol. 2007, 570:196-202. IF: 4.1
14. Amato A, Baldassano S, Serio R, Mule F. Glucagon-like peptide-2 relaxes mouse stomach through vasoactive intestinal peptide release. Am J Physiol Gastrointest Liver Physiol. 2009, 296:G678-84. IF: 3.7
15. Mulè F, Amato A, Serio R. Gastric emptying, small intestinal transit and fecal output in dystrophic (mdx) mice. J Physiol Sci. 2010, 60: 75-79. IF: 2.7
16. Amato A, Cinci L, Rotondo A, Serio R, Faussone-Pellegrini MS, Vannucchi MG, Mulè F. Pheriperal motor action of glucagon like peptide-1 through enteric neuronal receptors. Neurogastroenterol Motil. 2010; 22:664-e203. IF: 3.5
17. Amato A, Rotondo A, Cinci L, Baldassano S, Vannucchi MG, Mule F. Role of cholinergic neurons in the motor effects of glucagon-like peptide-2 in mouse colon. Am J Physiol Gastrointest Liver Physiol. 2010; 299:G1038-44. IF: 3.7
18. Rotondo A, Amato A, Lentini L, Baldassano S, Mulè F. Glucagon-like peptide-1 relaxes gastric antrum through nitric oxide in mice. Peptides. 2011; 32:60-64. IF: 3.38
19. Rotondo A, Amato A, Baldassano S, Lentini L, Mulè F. Gastric relaxation induced by glucagon-like peptide-2 in mice fed a high-fat diet or fasted. Peptides. 2011; 32 :1587-92. IF: 3.38
20. Baldassano S, Amato A, Cappello F, Rappa F, Mule F. Glucagon-like peptide-2 and mouse intestinal adaptation to a high fat diet. J Endocrinol. 2013; 217:11-20. IF: 4.2
21. Zizzo MG, Mule' F, Amato A, Maiorana F, Mudo' G, Belluardo N, Serio R. Guanosine negatively modulates the gastric motor function in mouse. Purinergic Signalling 2013; 9:655-661. IF: 3.16
22. Amato A, Baldassano S, Serio R, Mulè F. Tetrodotoxin-dependent effects of menthol on mouse gastric motor function. Eur J Pharmacol. 2013; 718 :131-137. IF: 4.1
23. Amato A, Baldassano S, Liotta R, Serio R, Mule F. Exogenous glucagon-like peptide-1 reduces contractions in human colon circular muscle. J Endocrinol. 2014; 221:29-37. IF: 4.2
24. Amato A*, Liotta R, Mule F. Effects of menthol on circular smooth muscle of human colon: analysis of the mechanism of action. Eur J Pharmacol. 2014; 740:295-301. IF: 4.1
25. Amato A*, Serio R, Mule F. Involvement of cholinergic nicotinic receptors in the menthol-induced gastric relaxation. Eur J Pharmacol. 2014, 745:129-34. IF: 4.1
26. Baldassano S, Amato A. GLP-2: What do we know? What are we going to discover? Regul Pept. 2014; 194-195C:6-10. Review. IF: 1.81
27. Amato A, Baldassano S, Caldara G, Mulè F. Neuronostatin: Peripheral site of action in mouse stomach. Peptides 2015, 64: 8-13. IF: 3.38
28. Baldassano S, Rappa F, Amato A, Cappello F, Mulè F. GLP-2 as Beneficial Factor in the Glucose Homeostasis in Mice Fed a High Fat Diet. J Cell Physiol. 2015; 230: 3029-3036. IF: 5.5
29. Rizvi AA, Patti AM, Giglio RV, Nikolic D, Amato A, Al-Busaidi N, Al-Rasadi K, Soresi M, Banach M, Montalto G, Rizzo M. Liraglutide improves carotid intima-media thickness in patients with Type-2 Diabetes and Non-Alcoholic Fatty Liver Disease: an 8-month prospective pilot study. Expert Opinion On Biological Therapy. 2015; 20: 1-7. IF: 3.9
30. Baldassano S, Amato A, Rappa F, Cappello F, Mulè F.Influence of endogenous glucagon like peptide-2 on lipid disorders in mice fed a high fat diet. Endocr Res 2016; 41: 317-324. IF: 1.4
31. Baldassano S, Amato A, Caldara GF, Mulè F. Glucagon-like peptide-2 treatment improves glucose dysmetabolism in mice fed a high fat diet. Endocrine, 2016, 54: 648-656. IF: 3.6
32. Amato A, Baldassano S, Mulè F. GLP-2: an underestimated signal for improving glycaemic control and insulin sensitivity. J Endocrinol. 2016; 229:R57-66. Review. IF: 4.2
33. Picone P, Vilasi S, Librizzi F, Contardi M, Nuzzo D, Caruana L, Baldassano S, Amato A, Mulè F, San Biagio PL, Giacomazza D, Di Carlo M. Biological and biophysics aspects of metformin-induced effects: cortex mitochondrial dysfunction and promotion of toxic amyloid pre-fibrillar aggregates. Aging (Albany NY). 2016 . 8 :1718-1734. IF: 4.8
34. Baldassano S, Amato A, Mulè F. Influence of glucagon-like peptide 2 on energy homeostasis. Peptides. 2016; 86:1-5. Review. IF: 3.38

35. Auteri M, Zizzo MG, Amato A, Serio R. Dopamine induces inhibitory effects on the circular muscle contractility of mouse distal colon via D1- and D2-like receptors. J Physiol Biochem. 2017; 73:623. IF: 3.6
36. Zizzo MG, Auteri M, Amato A, Caldara G, Nuzzo D, Di Carlo M, Serio R. Angiotensin II type II receptors and colonic dysmotility in 2, 4-dinitrofluorobenzenesulfonic acid (DNBS)-induced colitis in rats. Neurogastroenterol Motil. 2017; 29(6). IF: 3.5
37. Amato A, Baldassano S, Caldara GF, Mulè F. Pancreatic polypeptide stimulates mouse gastric motor activity through peripheral neural mechanismis. Neurogastroenterol Motil. 2017; 29(1). IF: 3.5
38. Amato A*, Caldara GF, Nuzzo D, Baldassano S, Picone P, Rizzo M, Mulè F, Di Carlo M. NAFLD and Atherosclerosis Are Prevented by a Natural Dietary Supplement Containing Curcumin, Silymarin, Guggul, Chlorogenic Acid and Inulin in Mice Fed a High-Fat Diet. Nutrients. 2017; 9(5). pii: E492. IF: 4.1
39. Picone P, Sabatino MA, Ditta LA, Amato A, San Biagio PL, Mulè F, Giacomazza D, Dispenza C, Di Carlo M. Nose-to-brain delivery of insulin enhanced by a nanogel carrier. J Control Release. 2018; 270:23-36. IF: 7.6
40. Siino V, Amato A, Di Salvo F, Caldara GF, Filogamo M, James P, Vasto S. Obesity-induced diet influences mice brains phospho-proteome. J Nutr Biochem. 2018; 58:102-109. IF: 4.7
41. Nuzzo D, Amato A, Picone P, Terzo S, Galizzi G, Bonina FP, Mulè F, Di Carlo M. A Natural Dietary Supplement with a Combination of Nutrients Prevents Neurodegeneration Induced by a High Fat Diet in Mice. Nutrients. 2018; 10(9). pii: E1130. IF: 4.1
42. Terzo S, Caldara GF, Ferrantelli V, Puleio R, Cassata G, Mulè F, Amato A*. Pistachio consumption prevents and improves lipid dysmetabolism by reducing the lipid metabolizing gene expression in diet-induced obese mice. Nutrients 2018, 10(12), 1857. IF: 4.1
43. Nuzzo D, Baldassano S, Amato A, Picone P, Galizzi G, Caldara GF, Di Carlo M, Mulè F. Glucagon-like peptide-2 reduces the obesity-associated inflammation in the brain. Neurobiol Dis. 2019; 121:296-304. IF: 5.5
44. Terzo S, Baldassano S, Caldara GF, Ferrantelli E, Mulè F, Amato A*. Health benefits of pistachios consumption. Natural Product Research. 2019; 33(5):715-726. Review. IF: 2.03
45. Amato A and Mulè F. Protective potential of glucagon like peptide 2 (GLP-2) against the neurodegeneration. Neural Regen Res. 2019; 14(11):1901-1902. Review. IF: 2.46
46. Amato A*, Terzo S, Mulè F. Natural Compounds as Antioxidant Beneficial Agents in Neurodegenerative disorders: Focus on Alzheimer's disease. Antioxidants (Basel). 2019; 8(12). pii: E608. doi: 10.3390/antiox8120608. Review. IF: 4.52
47. Terzo S, Mulè F, Caldara GF, Baldassano S, Puleio R, Vitale M, Cassata G, Ferrantelli V, Amato A*. Pistachio consumption alleviates inflammation and improves gut microbiota composition in High Fat Diet fed mice. Int J Mol Sci. 2020 Jan 6;21(1). pii: E365. doi: 10.3390/ijms21010365. IF: 5.54
48. Castellino G, Nikolic D, Magán-Fernández A, Malfa GA, Chianetta R, Patti AM, Amato A, Montalto G, Toth PP, Banach M, Cicero AFG, Rizzo M. Altilix® Supplement Containing Chlorogenic Acid and Luteolin Improved Hepatic and Cardiometabolic Parameters in Subjects with Metabolic Syndrome: A 6 Month Randomized, Double-Blind, Placebo-Controlled Study. Nutrients. 2019; 11(11). pii: E2580. doi: 10.3390/nu11112580. IF: 4.62
49. Zizzo MG, Bellanca A, Amato A, Serio R. Opposite effects of dopamine on the mechanical activity of circular and longitudinal muscle of human colon. Opposite effects of dopamine on the mechanical activity of circular and longitudinal muscle of human colon. Neurogastroenterol Motil. 2020 Feb 3:e13811. doi: 10.1111/nmo.13811. IF: 3.6
50. Galluzzo FG, Cammilleri G, Ulrici A, Calvini R, Pulvirenti A, Lo Cascio G, Macaluso A, Vella A, Cicero N, Amato A, Ferrantelli V. Land snails as a valuable source of fatty acids (FAs): a multivariate statistical approach. Foods. 2019; 8(12). pii: E676. doi: 10.3390/foods8120676. IF: 4.35
51. Baldassano S, Amato A, Terzo S., Mulè F. Glucagon-like peptide-2 analogue and inflammatory state in obese mice. Endocrine 2020; 68(3):695-698. doi: 10.1007/s12020-020-02261-0. IF: 3.6
52. Terzo S, Mulè F, Amato A*. Honey and obesity-related dysfunctions: A summary on health benefits. J Nutr Biochem. 2020; 82:108401. doi: 10.1016/j.jnutbio.2020.108401. IF 4.5. Review. IF: 6.048
53. Nuzzo D, Galizzi G, Amato A, Terzo S, Picone P, Cristaldi L, Mulè F, Di Carlo M. Pistachio regular intake mitigates the deleterious effects of a high fat diet in the brain of obese mice. Antioxidants (Basel). 2020; 9(4):317. doi: 10.3390/antiox9040317. IF: 6.3
54. Amato A*, Terzo S, Lentini L, Marchesa P, Mulè F. TRPM8 channel activation reduces the spontaneous contractions in human distal colon. Int J Mol Sci. 2020; 21(15):5403. doi: 10.3390/ijms21155403. IF: 5.9
55. Siino V, Jensen P, James P, Vasto S, Amato A, Mulè F, Accardi G, Larsen MR. Obesogenic Diets Cause Alterations on Proteins and Theirs Post-Translational Modifications in Mouse Brains. Nutr Metab Insights. 2021; 14:11786388211012405. doi: 10.1177/11786388211012405. IF: 0.8
56. Terzo S, Amato A*, Mulè F. From obesity to Alzheimer'S disease through insulin resistance. J Diabetes Complications. 2021 Aug 18:108026. doi: 10.1016/j.jdiacomp.2021.108026. IF: 2.8
57. Galizzi G; Palumbo L; Amato A, Conigliaro A; Nuzzo D; Terzo S; Caruana L; Picone P; Alessandro R; Mulè F; Di Carlo M. Altered insulin pathway compromises mitochondrial function and quality control both in vitro and in vivo model systems. Mitochondrion. 2021; 60:178-188. doi: 10.1016/j.mito.2021.08.014. IF: 3.8
58. Amato A*, Terzo S, Marchesa P, Maffongelli A, Martorana M, Scoglio S, Mulè F. Spasmolytic Effects of Aphanizomenon Flos Aquae (AFA) Extract on the Human Colon Contractility. Nutrients. 2021, 28;13(10):3445. doi: 10.3390/nu13103445. IF: 5.7
59. Terzo S, Attanzio A, Calvi P, Mulè F, Tesoriere L, Allegra M*, Amato A. Indicaxanthin from Opuntia ficus-indica fruit ameliorates glucose dysmetabolism and counteracts insulin resistance in high-fat diet-fed mice. Antioxidants. 2021; 11(1):80. doi: 10.3390/antiox11010080. IF: 6.3
60. Terzo S, Calvi P, Nuzzo D, Picone P, Galizzi G, Caruana L, Di Carlo M, Lentini L, Mulè F, Amato A*. Preventive impact of long-term ingestion of chestnut honey on glucose disorders and neurodegeneration in Obese Mice. Nutrients. 2022; 14(4):756. doi: 10.3390/nu14040756. IF: 5.7

61. Calvi P, Terzo S, Amato A*. Betalains: colours for human health. Nat Prod Res. 2022, 1-20. doi: 10.1080/14786419.2022.2106481. Review. IF: 2.48
62. Terzo S, Calvi P, Giardina M, Gallizzi G, Di Carlo M, Nuzzo D, Picone P, Puleio R, Mulè F, Scoglio S, Amato A. Positive Impacts of Aphanizomenon Flos Aquae Extract on Obesity-Related Dysmetabolism in Mice with Diet Induced Obesity. Cells. 2023 Nov 25;12(23):2706. doi: 10.3390/cells12232706. PMID: 38067134; PMCID:
63. Terzo S, Amato A, Magán-Fernández A, Castellino G, Calvi P, Chianetta R, Giglio RV, Patti AM, Nikolic D, Firenze A, Mulè F, Ciaccio M, Rizzo M. A Nutraceutical Containing Chlorogenic Acid and Luteolin Improves Cardiometabolic Parameters in Subjects with Pre-Obesity: A 6-Month Randomized, Double-Blind, PlaceboControlled Study. Nutrients. 2023 Jan 16;15(2):462. doi: 10.3390/nu15020462. PMID: 36678333; PMCID:PMC9862908.
64. Terzo S, Calvi P, Nuzzo D, Picone P, Allegra M, Mulè F, Amato A. Long-Term Ingestion of Sicilian Black Bee Chestnut Honey and/or D-Limonene Counteracts Brain Damage Induced by High Fat-Diet in Obese Mice. Int J Mol Sci. 2023 Feb 9;24(4):3467. doi: 10.3390/ijms24043467. PMID: 36834882; PMCID: PMC9966634.
65. Amato A. Natural Compounds and Healthy Foods: Useful Tools against Onset and Progression of Chronic Diseases. Nutrients. 2023 Jun 27;15(13):2898. doi: 10.3390/nu15132898. PMID: 37447224; PMCID: PMC10343537.
66. Terzo S, Amato A, Calvi P, Giardina M, Nuzzo D, Picone P, Palumbo-Piccionello Antonio, Amata Sara, Giardina Ilenia, Massaro Alessandro, Restivo Ignazio, Attanzio Alessandro, Tesoriere Luisa, Mulè F. Positive impact of indicaxanthin from Opuntia ficus indica fruit against high fat diet-induced neuronal damage and gut microbiota dysbiosis. Accepted for publication in Neuronal Regeneration Research-.May 2024.

La sottoscritta Antonella Amato, ACCONSENTE ai sensi e per gli effetti degli artt. 13 e 23 del D. L.gs. n. 196/2003, con la sottoscrizione del presente modulo, al trattamento dei dati personali

Palermo, 11/06/2024

Firma