

Elenco delle Pubblicazioni dell'Istituto anno 2020

LINEA 1 - MEDICINA DI PRECISIONE IN GASTROENTEROLOGIA

LINEA 1 - ARTICOLI ORIGINALI 2020

1. **Giannelli G**, Santoro A, Kelley RK, Gane E, Paradis V, Cleverly A, Smith C, Estrem ST, Man M, Wang S, Lahn MM, Raymond E, Benhadji K, Faivre S. Biomarkers and overall survival in patients with advanced hepatocellular carcinoma treated with TGF- β R1 inhibitor galunisertib. *Plos One*, 2020 Mar 25;15(3): e0222259; PMID: 32210440, DOI: 10.1371/journal.pone.0222259.
2. Serrati S, Martinelli C, Palazzo A, Iacobazzi RM, Perrone M, Ong QK, Luo Z, Bekdemir A, Pinto G, Cavalleri O, Cutrignelli A, Laquintana V, Denora N, Stellacci F, **Kroll S**. Reproducibility warning: The curious case of Polyethylene glycol 6000 and spheroid cell culture. *Plos One*, 2020 Mar 19;15(3):e0224002; PMID: 32191706, DOI: 10.1371/journal.pone.0224002.
3. Chaoul N, **Mancarella S**, Lupo L, **Giannelli G**, **Dituri F**. Impaired anti-tumor T cell response in hepatocellular carcinoma. *Cancers*, 2020 Mar 8;12(3):627; PMID: 32182707, DOI: 10.3390/cancers12030627.
4. Belardinilli F, Capalbo C, Malapelle U, Pisapia P, Raimondo D, Milanetti E, Mahdavian Y, Liccardi C, **Bonfiglio C**, Mezi S, Magri V, Coppa A, Nicolussi A, Gradilone A, Petroni M, Di Giulio S, Fabretti F, Infante P, Coni S, Canettieri G, Troncione G, Giannini G. Clinical Multigene Panel Sequencing Identifies Distinct Mutational Association Patterns in Metastatic Colorectal Cancer. *Frontiers in Oncology*, 2020 May 7;10:560; PMID: 32457828, DOI: 10.3389/fonc.2020.00560.
5. **Refole MG**, **Lotesoriere C**, **Messa C**, **Caruso MG**, **D'Alessandro R**. Molecular mechanisms of synergistic action of Ramucirumab and Paclitaxel in gastric cancer cell lines. *Scientific Reports*, 2020 Apr 28;10(1):7162; PMID: 32346056, DOI: 10.1038/s41598-020-64195-x.
6. Zacheo A, Hodek J, Witt D, Mangiatordi GF, Ong QK, Kocabiyik O, Depalo N, Fanizza E, Laquintana V, Denora N, Migoni D, Barski P, Stellacci F, Weber J, **Krol S**. Multi-sulfonated ligands on gold nanoparticles as virucidal antiviral for Dengue virus. *Scientific Reports*.
7. Venerito M, Pech M, Canbay A, **Donghia R**, **Guerra V**, Chatellier G, Pereira H, Gandhi M, Chow PKH, Vilgrain V, Malfertheiner P, Rieke J, **Leandro G**. NEMESIS: Non-inferiority, Individual Patient Meta-analysis of Selective Internal Radiation Therapy with Yttrium-90 Resin Microspheres versus Sorafenib in Advanced Hepatocellular Carcinoma. *Journal of Nuclear Medicine*, 2020 Jun 3;10(1):9052; PMID: 32494059, DOI: 10.1038/s41598-020-65892-3.
8. Rotelli MT, **Refole MG**, **Lippolis C**, **Cavallini A**, Picciariello A, Piscitelli D, Altomare DF. The role of miRNA-133b and its target gene SIRT1 in FAP-derived desmoid tumor. *Oncotarget*, 2020 Jun 30;11(26):2484-2492; PMID: 32655835, DOI: 10.18632/oncotarget.27622.
9. **Scavo MP**, Cutrignelli A, Depalo N, Fanizza E, Laquintana V, Gasparini G, **Giannelli G**, Denora N. Effectiveness of a controlled 5-FU delivery based on FZD10 antibody conjugated liposomes in colorectal cancer in vitro models. *Pharmaceutics*, 2020 Jul 10;12(7):650; PMID: 32664186, DOI: 10.3390/pharmaceutics12070650.
10. **Sanese P**, **Fasano C**, Buscemi G, Bottino C, Corbetta S, Fabini E, Silvestri V, Valentini V, **Disciglio V**, **Forte G**, **Signorile ML**, **De Marco K**, **Bertora S**, **Grossi V**, Guven U, Porta N,

- Di Maio V, Manoni E, **Giannelli G**, Bartolini M, Del Rio A, Caretti G, Ottini L, Simone C. Targeting SMYD3 to sensitize homologous recombination-proficient tumors to PARP-mediated synthetic lethality. *iScience*, 2020 Oct 7;23(10):101604; PMID: 33205017, DOI: 10.1016/j.isci.2020.101604.
11. **Scavo MP**, Rizzi F, Depalo N, Fanizza E, Ingrosso C, Curri ML, **Giannelli G**. A possible role of FZD10 delivering exosomes derived from colon cancers cell lines in inducing activation of epithelial-mesenchymal transition in normal colon epithelial cell line. *International Journal of Molecular Sciences*, 2020 Sep 13;21(18):6705; PMID: 32933173, DOI: 10.3390/ijms21186705.
 12. **Mancarella S**, **Serino G**, **Dituri F**, Cigliano A, Ribback S, Wang J, Chen X, Calvisi DF, **Giannelli G**. Crenigacestat, a selective NOTCH1 inhibitor, reduces intrahepatic cholangiocarcinoma progression by blocking VEGFA/DLL4/MMP13 axis. *Cell Death Diff*, 2020 Aug;27(8):2330-2343; PMID: 32042099, DOI: 10.1038/s41418-020-0505-4.
 13. Vespasiani-Gentilucci U, Rosina F, Pace-Palitti V, Sacco R, Pellicelli A, Chessa L, De Vincentis A, Barlattani M, Barlattani A, Feletti V, Mussetto A, Zolfino T, Russello M, **Cozzolongo R**, Garrucciu G, Niro G, Bacca D, Bertino G, Claar E, Ascione A, D'Adamo G, Adinolfi LE, Scifo G, Izzi A & for the CLEO-AIGO PBC study group. Rate of non-response to ursodeoxycholic acid in a large real-world cohort of primary biliary cholangitis patients in Italy. *Scandinavian Journal of Gastroenterology*, 2019 Oct;54(10):1274-1282; PMID: 31564176, DOI: 10.1080/00365521.2019.1669702.
 14. **Dituri F**, **Scialpi R**, Schmidt T, **Frusciante M**, **Mancarella S**, Lupo L, Villa E, **Giannelli G**. Proteoglycan-4 is correlated with longer survival in HCC patients and enhances sorafenib and regorafenib effectiveness via CD44 in vitro. *Cell Death & Disease*, 2020 Nov 16;11(11):984; PMID: 33199679, DOI: 10.1038/s41419-020-03180-8.
 15. D'Agostino D, Gentile R, Ponziani S, Di Vittorio G, **Dituri F**, **Giannelli G**, Rossi C, Marzullo L, Giansanti F, De Laurenzi V, Iacobelli S, Ippoliti R, Capone E, Sala G. EV20 α sss α vc/MMAF, an HER3 targeting antibody α drug conjugate displays antitumor activity in liver cancer. *Oncol Rep* 2020 Dec 9; PMID: 33416143, DOI: 10.3892/or.2020.7893.

LINEA 1 - REVIEW 2020

16. Bottino C, Peserico A, **Simone C**, Caretti G. SMYD3: An Oncogenic Driver Targeting Epigenetic Regulation and Signaling Pathways. *Cancers*, 2020, 12, 142; PMID: 31935919, DOI: 10.3390/cancers12010142.
17. **Scavo MP**, Depalo N, **Tutino V**, De Nunzio V, Ingrosso C, Rizzi F, **Notarnicola M**, Curri ML, **Giannelli G**. Exosomes for Diagnosis and Therapy in Gastrointestinal Cancers. *Int. J. Mol. Sci.* 2020, 21, 367; PMID: 31935918, DOI: 10.3390/ijms21010367.
18. **Refolo MG**, **Messa C**, **Guerra V**, Carr BI, **D'Alessandro R**. Inflammatory Mechanisms of HCC Development. *Cancers*, 2020 Mar 10;12(3):641; PMID: 32164265, DOI: 10.3390/cancers12030641.
19. **Refolo MG**, **Lotesoriere C**, **Messa C**, **Caruso MG**, **D'Alessandro R**. Integrated immune gene expression signature and molecular classification in gastric cancer: New insights. *Journal of Leucocyte Biology*, 2020 Aug;108(2):633-646; PMID: 32170872, DOI: 10.1002/JLB.4MR0120-221R.
20. **Krol S**, Baronti W & Marchetti P. Nanoencapsulated human pancreatic islets for β -cell replacement in Type 1 diabetes. *Nanomedicine*, 2020 Aug;15(18):1735-1738; PMID: 32669019, DOI: 10.2217/nmm-2020-0166.

21. **Gigante I, Tutino V, De Nunzio V, Notarnicola M.** Colorectal cancer and bone tissue: fantastic relations and where to find them. *Cancers*, 2020 Jul 24;12(8):2029; PMID: 32722068, DOI: 10.3390/cancers12082029.

LINEA 2 – MEDICINA PREVENTIVA/PREDITTIVA IN GASTROENTEROLOGIA

LINEA 2 - ARTICOLI ORIGINALI 2020

22. EuroSurg Collaborative, Spinelli A, Marco M, Di Candido F, Bevilacqua M, Tringali D, Bevilacqua E, Panizzo V, Piozzi G, **Marino F**, Carbone F, Incollingo P, Romano FM. Safety and efficacy of non-steroidal anti-inflammatory drugs to reduce ileus after colorectal surgery - British Journal of Surgery, 2020 Jan;107(2):e161-e169; PMID: 31595986, DOI: 10.1002/bjs.11326.
23. EuroSurg Collaborative (**Marino F**). Safety of hospital discharge before return of bowel function after elective colorectal surgery. *British Journal of Surgery*, 2020 Apr;107(5):552-559; PMID: 31976560, DOI: 10.1002/bjs.11422.
24. **Di Pinto F, Armentano R, Arborea G, Schena N, Donghia R, Valentini AM.** Are immunohistochemical markers useful in gastric cancer phenotypic classification? *Oncology*, 2020;98(8):566-574; PMID: 32316005, DOI: 10.1159/000506077.
25. **Verna G, Liso M**, De Santis S, **Dicarlo M, Cavalcanti E, Crovace A, Sila A**, Campiglia P, Santino A, **Lippolis A, Serino G**, Fasano A, Chieppa M. Iron Overload Mimicking Conditions Skews Bone Marrow Dendritic Cells Differentiation into MHCIIlowCD11c+CD11b+F4/80+ Cells. *International Journal of Molecular Science* 2020 Feb 17;21(4):1353; PMID: 32079304, DOI: 10.3390/ijms21041353.
26. **Tutino V, Gigante I, Scavo MP, Refolo MG, De Nunzio V**, Milella RA, **Caruso MG, Notarnicola M.** Stearoyl-CoA Desaturase-1 Enzyme Inhibition by Grape Skin Extracts Affects Membrane Fluidity in Human Colon Cancer Cell Lines. *Nutrients*, 2020 Mar 4;12(3):693; PMID: 32143529, DOI: 10.3390/nu12030693.
27. **Liso M**, De Santis S, Verna G, **Dicarlo M**, Calasso M, Santino A, **Gigante I**, Eri R, Raveenthiraraj S, Sobolewski S, **Palmitessa V, Lippolis A, Mastronardi M, Armentano R, Serino G**, De Angelis M, Chieppa M. A Specific Mutation in Muc2 Determines Early Dysbiosis in Colitis-Prone Winnie Mice. *Inflamm Bowel Dis*, 2020 Mar 4;26(4):546-556; PMID: 31748792, DOI: 10.1093/ibd/izz279.
28. De Santis S, Verna G, **Serino G, Armentano R, Cavalcanti E, Liso M**, **Dicarlo M, Coletta S, Mastronardi M, Lippolis A, Tafaro A**, Santino A, Pinto A, Campiglia P, Huang AY, Cominelli F, Pizarro TT, Chieppa M. Winnie-APCMin/+ mice: a spontaneous model of colitis-associated colorectal cancer combining genetics and inflammation. *International Journal of Molecular Science*, 2020 Apr 23;21(8):2972; PMID: 32340123, DOI: 10.3390/ijms21082972.
29. **Guglielmi V, Giorgio P, Guerra V, Sonnante A, Tutino M, Donghia R, Pisani A.** Prognostic Value of Peri-Nuclear Anti Neutrophil Cytoplasmic Antibodies in Subjects With Primary Sclerosing Cholangitis. *Minerva Medica*, 2020 May 14; PMID: 32407046, DOI: 10.23736/S0026-4806.20.06604-5.
30. Galloro G, **Pisani A**, Zagari RM, Lamazza A, Cengia G, Ciliberto E, Conigliaro RL, Da Massa Carrara P, Germanà B, Pasquale L. Safety in digestive endoscopy procedures in the covid era recommendations in progress of the italian society of digestive endoscopy. *Digestive and Liver Disease*, 2020 Aug;52(8):800-807; PMID: 32405285, DOI: 10.1016/j.dld.2020.05.002.

31. **Cavalcanti E, Galleggiante V, Coletta S, Stasi E, Chieppa M, Armentano R, Serino G.** Altered miRNAs expression correlates with Gastroenteropancreatic Neuroendocrine Tumors Grades. *Frontiers in Oncology*, 2020 Jul 17;10:1187; PMID: 32766159, DOI: 10.3389/fonc.2020.01187.
32. **Tutino V, Gigante I, Milella RA, De Nunzio V, Flamini R, De Rosso M, Scavo MP, Depalo N, Fanizza E, Caruso MG, Notarnicola M.** Flavonoid and non-flavonoid compounds of Autumn Royal and Egnatia grape skin extracts affect membrane PUFAs profile and cell morphology in human colon cancer cell lines. *Molecules*, 2020 Jul 23;25(15):3352; PMID: 32718061, DOI: 10.3390/molecules25153352.
33. **Scalavino V, Liso M, Cavalcanti E, Gigante I, Lippolis A, Mastronardi M, Chieppa M, Serino G.** miR-369-3p modulates inducible nitric oxide synthase and is involved in regulation of chronic inflammatory response. *Scientific Reports*, 2020 Sep 29;10(1):15942; PMID: 32994523, DOI: 10.1038/s41598-020-72991-8.
34. **Mastronardi M, Curlo M, Polignano M, Vena N, Rossi D, Giannelli G.** Remote Monitoring Empowerment of Patients with IBDs during the SARS-CoV-2 pandemic. *Healthcare*, 2020 Oct 1;8(4):377; PMID: 33019563, DOI: 10.3390/healthcare8040377.

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35. **Scalavino V, Liso M, Serino G.** Role of microRNAs in the regulation of dendritic cell generation and function. *International Journal of Molecular Science*, 2020 Feb 15;21(4):1319; PMID: 32075292, DOI: 10.3390/ijms21041319.

LINEA 2 - LETTERE CON DATI 2020

36. **Panarese A and Shahini E.** Letter: Covid-19, and vitamin D. *Aliment Pharmacol Ther.* 2020 May;51(10):993-995; PMID: 32281109, DOI: 10.1111/apt.15752.

LINEA 2 - CASE REPORT 2020

37. **Cavalcanti E, Stasi E, Coletta S, Lorusso D, Mammone Rinaldi C, Armentano R.** Primary lymph node gastrinoma: a case report and review of the literature. *World Journal of Surgical Oncology*, 2020 Apr 28;18(1):80; PMID: 32345299, DOI: 10.1186/s12957-020-01860-5.
38. **Ciliberti MP, Carbonara R, Grillo A, Leo AM, Lolli I, Ostuni C, Troiani L, Turi B, Vallarelli S, Sardaro A.** Unexpected response to palliative radiotherapy for subcutaneous metastases of an advanced small cell pancreatic neuroendocrine carcinoma: a case report of two different radiation schedules. *BMC Cancer*, 2020 Apr 15;20(1):311; PMID: 32293342, DOI: 10.1186/s12885-020-06845-x.

LINEA 3 – MEDICINA PARTECIPATIVA IN GASTROENTEROLOGIA

LINEA 3 - ARTICOLI ORIGINALI 2020

39. **Veronese N, Notarnicola M, Cisternino AM, Inguaggiato R, Guerra V, Reddavid R, Donghia R, Rotolo O, Zinzi I, Leandro G, Tutino V, Misciagna G, Caruso MG.** Trends in Adherence to the Mediterranean Diet in South Italy: A Cross Sectional Study. *Nutrition Metabolism and Cardiovascular Diseases*, 2020 Mar 9;30(3):410-417; PMID: 31822430, DOI: 10.1016/j.numecd.2019.11.003.
40. **Sciandra I, Piccioni L, Coltella L, Ranno S, Giannelli G, Falasca F, Antonelli G, Concato C, Turriziani O.** Comparative analysis of 2 commercial molecular tests for the detection of gastroenteric viruses on stool samples. *Diagnostic Microbiology and Infectious Disease*, 2020 Jan;96(1):114893; PMID: 31677959, DOI: 10.1016/j.diagmicrobio.2019.114893.
41. **Zupo R, Lampignano L, Lattanzio A, Mariano F, Osella AR, Bonfiglio C, Giannelli G, De Pergola G.** Association between adherence to the Mediterranean Diet and circulating Vitamin D levels. *Int J of Food Sciences and Nutr*, 2020 Nov;71(7):884-890; PMID: 32223463; DOI: 10.1080/09637486.2020.1744533.
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43. **Addolorato G, Abenavoli L, Dallio M, Federico A, Germanie G, Gitto S, Leandro G, Loguercio C, Marra F, Stasi E.** Alcohol associated liver disease 2020: A clinical practice guideline by the Italian Association for the Study of the Liver (AISF). *Digestive and Liver Disease*, 2020 Apr;52(4):374-391; PMID: 32001151, DOI: 10.1016/j.dld.2019.12.008.
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45. **Porcelli P, De Carne M, Leandro G.** Distinct associations of DSM-5 Somatic Symptom Disorder, the Diagnostic Criteria for Psychosomatic Research-Revised (DCPR-R) and symptom severity in patients with irritable bowel syndrome. *General Hospital Psychiatry*, Volume 64, May–June 2020, Pages 56-62, PMID: 32199282, DOI: 10.1016/j.genhosppsy.2020.03.004.
46. **Zupo R, Sardone R, Donghia R, Castellana FS, Lampignano L, Bortone I, Misciagna G, De Pergola G, Panza F, Passantino A, Veronese N, Guerra V, Boeing H, Giannelli G.** Traditional dietary patterns and risk of mortality in the longitudinal cohort of Salus in Apulia Study. *Nutrients*, 2020 Apr 12;12(4):1070; PMID: 32290631, DOI: 10.3390/nu12041070.
47. **Sciandra I, Falasca F, Maida P, Tranquilli G, Di Carlo D, Mazzuti L, Melengu T, Giannelli G, Antonelli G, Turriziani O.** Seroprevalence of group B Cocksackieviruses: retrospective study in an Italian population. *Journal of Medical Virology*, 2020 May 30; PMID: 32531866, DOI: 10.1002/jmv.26096.
48. **Castellana M, Procino F, Sardone R, Trimboli P, Giannelli G.** Efficacy and safety of patient-led versus physician-led titration of basal insulin in patients with uncontrolled type 2 diabetes. A meta-analysis of randomized controlled trials. *BMJ Open Diabetes Research & Care*, 2020 Jul;8(1):e001477; PMID: 32636220, DOI: 10.1136/bmjdr-2020-001477.
49. **Campanella A, Iacovazzi PA, Misciagna G, Bonfiglio C, Mirizzi A, Franco I, Bianco A, Sorino P, Caruso MG, Cisternino AM, Buongiorno C, Liuzzi R, Osella AR.** The Effect of Three Mediterranean Diets on Remnant Cholesterol and Non-Alcoholic Fatty Liver Disease: A

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50. **Orlando A, Tutino V, Notarnicola M, Riezzo G, Linsalata M, Clemente C, Prospero L, Martulli M, D'Attoma B, De Nunzio V, Russo F.** Improved Symptom Profiles and Minimal Inflammation in IBS-D Patients Undergoing a Long-Term Low-FODMAP Diet: A Lipidomic Perspective. *Nutrients*, 2020 Jun 2;12(6):1652; PMID: 32498383, DOI: 10.3390/nu12061652.
51. **Bonfiglio C, Leone CM, Vaz de Arruda Silveira L, Guerra R, Misciagna G, Caruso MG, Bruno I, Buongiorno C, Campanella A, Guerra VMB, Notarnicola M, Deflorio V, Franco I, Bianco A, Mirizzi A, Aballay LR, Cisternino AM, Sorino P, Pesole PL, Osella AR.** Remnant Cholesterol as a risk factor for cardiovascular, Cancer or other causes mortality: a competing risks analysis. *Nutrition, Metabolism and Cardiovascular Diseases*, 2020 Oct 30;30(11): 2093-2102; PMID: 32819783, DOI: 10.1016/j.numecd.2020.07.002.
52. **Bortone I, Castellana F, Lampignano L, Zupo R, Moretti B, Giannelli G, Panza F, Sardone R.** Activity Energy Expenditure Predicts Clinical Average Levels of Physical Activity in Older Population: Results from Salus in Apulia Study. *Sensors*, 2020 Aug 15;20(16):4585; PMID: 32824206, DOI: 10.3390/s20164585.
53. Spezia PG, Macera L, Mazzetti P, Curcio M, Biagini C, **Sciandra I**, Turriziani O, Lai M, Antonelli G, Pistello M, Maggi F. Redondovirus DNA in human respiratory samples. *Journal of Clinical Virology*, 2020 Oct;131:104586; PMID: 32841923, DOI: 10.1016/j.jcv.2020.104586.
54. **Zupo R, F Castellana, Sardone R, Scicchitano P, Lampignano L, Ciccone MM, Triggiani V, Guastamacchia E, Giannelli G, De Pergola G.** Impaired Fasting Plasma Glucose is a Risk indicator of Interventricular Septum Thickening among Non-Diabetic Subjects with Obesity. *Diabetes Research and Clinical Practice*, 2020 Nov;169:108436; PMID: 32941960, DOI: 10.1016/j.diabres.2020.108436.
55. **Zupo R, Castellana F, Sardone R, Lampignano L, Paradiso S, Giagulli VA, Triggiani V, Di Lorenzo L, Giannelli G, De Pergola G.** Higher Muscle Mass Implies Increased Free-Thyroxine to Free-Triiodothyronine ratio in Subjects with Overweight and Obesity. *Frontiers in Endocrinology*, 2020 Sep 29;11:565065; PMID: 33117281, DOI: 10.3389/fendo.2020.565065.
56. **Castellana F, Zupo R, Bortone I, Giannelli G, Donghia R, Lampignano L, Griseta C, De Pergola G, Boeing H, Cisternino AM, Logroscino G, Sardone R, Guerra V.** Traditional Old Dietary Pattern of Castellana Grotte (Apulia) is Associated with Healthy Outcomes. *Nutrients*, 2020 Oct 12;12(10):3097, PMID: 33053620, DOI: 10.3390/nu12103097.
57. **Zupo R, Castellana F, Sardone R, Lampignano L, Di Noia C, Savastano S, Giannelli G, De Pergola G.** Hydroxyvitamin D serum levels are negatively associated with platelet number in a cohort of subjects affected by overweight and obesity. *Nutrients*, 2020 Feb 13;12(2):474; PMID: 32069873, DOI: 10.3390/nu12020474.
58. **Zupo R, Castellana F, Panza F, Lampignano L, Murro I, Di Noia C, Triggiani V, Giannelli G, Sardone R, De Pergola G.** Adherence to a Mediterranean Diet and Thyroid Function in Obesity: A Cross-Sectional Apulian Survey. *Nutrients*, 2020 Oct 16;12(10):3173; PMID: 33081337, DOI: 10.3390/nu12103173.
59. **Sorino P, Caruso MG, Misciagna G, Bonfiglio C, Campanella A, Mirizzi A, Franco I, Bianco A, Buongiorno C, Liuzzi R, Cisternino AM, Notarnicola M, Chiloiro M, Pascoschi G, Osella AR, MICOL Group.** Selecting the best machine learning algorithm to support the diagnosis of Non-Alcoholic Fatty Liver Disease: A meta learner study. *Plos One*, 2020 Oct 20;15(10):e0240867; PMID: 33079971, DOI: 10.1371/journal.pone.0240867.
60. Losurdo G, Giorgio F, Pricci M, Girardi B, **Russo F, Riezzo G, Martulli M, Piazzolla M, Cocomazzi F, Abbruzzi F, Parente E, Paolillo R, Mileti A, Iannone A, Principi M, Ierardi E, Di Leo A.** *Helicobacter pylori* Primary and Secondary Genotypic Resistance to Clarithromycin and Levofloxacin Detection in Stools: A 4-Year Scenario in Southern Italy. *Antibiotics – Basel*, 2020 Oct 21;9(10):723; PMID: 33096925, DOI: 10.3390/antibiotics9100723.

61. **Lampignano L, Zupo R, Donghia R, Guerra V, Castellana F, Murro I, Di Noia C, Sardone R, Giannelli G, De Pergola G.** Cross-Sectional Relationship Among Different Anthropometric Parameters and Cardiometabolic Risk Factors in a Cohort of Patients with Overweight or Obesity. *Plos One*, 2020 Nov 5;15(11):e0241841; PMID: 33152746, DOI: 10.1371/journal.pone.0241841.
62. Veronese N, Yang L, Piccio L, Smith L, Firth J, Marx W, **Giannelli G, Caruso MG, Cisternino AM, Notarnicola M, Donghia R**, Barbagallo M, Fontana L. Adherence To A Healthy Lifestyle And Multiple Sclerosis A Case- Control Study From The Uk Biobank. *Nutritional Neuroscience*, 2020 Dec 9;1-9; PMID: 33297884, DOI: 10.1080/1028415X.2020.1846357.

LINEA 3 – REVIEW 2020

63. Losurdo G, **Leandro G**, Ierardi E, Perri F, Barone M, Principi M, Di Leo A. Breath Tests for the Non-invasive Diagnosis of Small Intestinal Bacterial Overgrowth: A Systematic Review with Meta-analysis. *J Neurogastroenterol Motil*, 2020 Jan 30;26(1):16-28; PMID: 31743632, DOI: 10.5056/jnm19113.
64. Pizzol D, Smith L, Fontana L, **Caruso MG**, Bertoldo A, Demurtas J, McDermott D, Garolla A, Grabovac I, Veronese N. Associations between body mass index, waist circumference and erectile dysfunction: a systematic review and META-analysis. *Reviews in Endocrine and Metabolic Disorders*, 2020 Dec;21(4):657-666; PMID: 32002782, DOI: 10.1007/s11154-020-09541-0.
65. **Orlando A**, Chimienti G, Lezza AMS, Pesce V, **Gigante I, D’Attoma B, Russo F.** Lactobacillus Rhamnosus GG Affects the BDNF System in Brain Samples of Wistar Rats with Pepsin-Trypsin-Digested Gliadin (PTG)-Induced Enteropathy. *Nutrients*, 2020 Feb 27;12(3):629; PMID: 32120967, DOI: 10.3390/nu12030629.
66. **Castellana M, Procino F, Sardone R**, Trimboli P, **Giannelli G.** Generalizability of sodium-glucose co-transporter-2 inhibitors cardiovascular outcome trials to the type 2 diabetes population: a systematic review and meta-analysis. *Cardiovascular Diabetology*, 2020 Jun 13;19(1):87; PMID: 32534590, DOI: 10.1186/s12933-020-01067-8.
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