

LISTA DELLE PUBBLICAZIONI

(Ultimo aggiornamento: settembre 2023)

1. Schiraldi O., **Giannelli G.**, Fera G.: Sindrome di Munchausen. Considerazioni a proposito di un caso. *Recenti Progr. Med.* 80: 133, 1989.
2. Dentico P., Tantimonaco G., Buongiorno R., **Giannelli G.**, Menna Nembrotte E., Scotto G., Volpe A.: Impiego del glutatione ridotto (GSH) nelle patologie croniche steatosiche. In: "Radicali liberi in patologia: nuovi orientamenti patogenetici e strategie terapeutiche", O. Albano, E. Altomare, G. Vendemiale Editori, Momento Medico Salerno, 1990, pag 32-38.
3. Fera G., **Giannelli G.**, Lonero G., Maci A.M., Iacobellis O., Schiraldi O.: Impiego del glutatione in soggetti tossicodipendenti. In: "Radicali liberi in patologia: nuovi orientamenti patogenetici e strategie terapeutiche", O. Albano, E. Altomare, G. Vendemiale Editori, Momento Medico Salerno, 1990, pag 94-100.
4. **Giannelli G.**, Lo Caputo S., Fera G., Maggi P., Angarano G., Schiraldi O.: Relationship between serum neopterin and p24 antigen as prognostic markers of HIV infection. *EOS- J. Immunol. Immunopharmacol.* 10: 54, 1990.
5. **Giannelli G.**, Lo Caputo S., Maggi P., Fera G., Angarano G., Schiraldi O.: Valore prognostico della neopterin nel siero di soggetti con infezione da HIV. *G. Mal. Infett. Parassit.* 1: 13, 1991.
6. Petrarulo F., Maggi P., Vulpio F., Pallotta G., Penza R., Francioso G., **Giannelli G.**, Schiraldi O.: La neopterin sierica nella diagnostica della IgA nephropathy. In: *Atti 32° Congresso Nazionale della Società Italiana di Nefrologia*, V. Bonomini, S. Stefoni, A. Vangelista Editori, Monduzzi Editore Bologna, 1991, pag.641-645.
7. Modugno A., Napoli N., Fiore G., Gravili C., Vella F., Greco G., **Giannelli G.**, Lonero G., Novielli G., Maci A.M., Dentico P., Schiraldi O.: Evaluation of some immunological parameters in patients with chronic liver disease: correlation with etiology and degree of liver damage. In: "Progress and Prospects in Viral Hepatitis", O. Schiraldi, G. Pastore, P. Dentico Editors, Gerni Editore Foggia, 1991, pag. 445-449.
8. **Giannelli G.**, Fiore G., Napoli N., Fera G., Scagliusi P., Lapadula G., Modugno A., Tortorelli E., Lonero G., Schiraldi O.: Specificity of an elisa test for IgG/Anti-HCV in autoimmune diseases. In: "Progress and Prospects in Viral Hepatitis", O. Schiraldi, G. Pastore, P. Dentico Editors, Gerni Editore Foggia, 1991, pag. 437-440.
9. Greco G., Vella F., Modugno A., Fiore G., **Giannelli G.**, Volpe A., Buongiorno R., De Rinaldis P., Dentico P., Schiraldi O.: Hepatitis C virus infection in a cohort of multitransfused thalassemics from Salento. In: "Progress and Prospects in Viral Hepatitis", O. Schiraldi, G. Pastore, P. Dentico Editors, Gerni Editore Foggia, 1991, pag. 225-227.
10. Fiore G., Napoli N., Fera G., **Giannelli G.**, Perricci A., Lonero G., Schiraldi O.: Hepatitis C virus infection in anti-HBe-positive HBsAg carriers with chronic liver disease. *Digestion* 50: 121, 1991.

11. Napoli N., Fiore G., Fera G., Modugno A., **Giannelli G.**, Manghisi O.G., Schiraldi O.: Occurrence of hepatitis delta virus infection in hepatitis B virus-infected patients with different serum patterns of preS gene encoded proteins. *Digestion* 54: 9, 1993.
12. **Giannelli G.**, Antonelli G., Fera G., Dianzani F., Schiraldi O.: 2',5'- Oligoadenylate synthetase activity as a responsive marker during interferon therapy for chronic hepatitis C. *J. Interferon Res.* 13: 57, 1993.
13. **Giannelli G.**, Savoia P., Schiraldi O., Lospalluti M., De Luca M., Marchisio P.C., Quaranta V.: Psoriatic lesions in patients with chronic liver disease are distinct from psoriasis vulgaris lesions, as judged on basis of integrin adhesion receptors. *Hepatology* 20: 56, 1994.
14. **Giannelli G.**, Antonelli G., Fera G., Del Vecchio S., Riva E., Broccia C., Schiraldi O., Dianzani F.: Biological and clinical significance of neutralizing and binding antibodies to interferon-alpha (IFN-alpha) during therapy for chronic hepatitis C. *Clin. Exp. Immunol.* 97: 4, 1994.
15. Antonelli G., **Giannelli G.**, Pistello M., Maggi F., Vatteroni L., Currenti M., Del Vecchio S., Roffi L., Pastore G., Dianzani F.: Clinical significance of recombinant interferon-alpha2 neutralizing antibodies in hepatitis patients. *J. Interferon Res.* 14: 211, 1994.
16. Antonelli G., **Giannelli G.**, Currenti M., Simeoni E., Milella M., Schiraldi O., Dianzani F.: Fate to antibody to interferon (IFN) in chronic hepatitis C patients treated with recombinant IFN-alpha2 and retreated with lymphoblastoid IFN-alpha. *Int. Hepatol. Commun.* 4: 232, 1995.
17. Milella M., Antonelli G., Santantonio T., **Giannelli G.**, Currenti M., Monno L., Turriziani O., Pastore G., Dianzani F.: Treatment with natural IFN of hepatitis C patients with or without antibodies to recombinant IFN. *Hepatogastroenterology* 42: 201, 1995.
18. Piazzolla G., **Giannelli G.**, Testa A., Tortorella C., Schiraldi O., Antonaci S.: Burst respiratorio dei fagociti nell'epatite cronica C. In: "Immunologia '95", F. Dammacco Editore, Monduzzi Editore Bologna, 1995, pag. 621-625.
19. **Giannelli G.**, Brassard J., Foti C., Stetler-Stevenson W.G., Falk-Marzillier J., Zambonin-Zallone A., Schiraldi O., Quaranta V.: Altered expression of basement membrane proteins and their integrin receptors in lichen planus: possible pathogenetic role of gelatinases A and B. *Lab. Invest.* 74: 1091, 1996.
20. **Giannelli G.**, Piazzolla G., Tortorella C., Jirillo E., Schiraldi O., Antonaci S.: Neutrophil oxidative responsiveness in chronic hepatitis C. *Med. Sci. Res.* 24: 99, 1996.
21. Colucci S., **Giannelli G.**, Grano M., Faccio R., Quaranta V., Zallone A.Z.: Human osteoclast-like cells selectively recognize laminin isoforms, an event that induces migration and activates Ca²⁺ mediated signals. *J. Cell Sci.* 109: 1527, 1996.
22. Vetrugno M., Procoli U., **Giannelli G.**, Cardia L.: Histochemical aspects of the pterygium: the role of integrins. *N. Trends Ophthalmol.* 11: 65, 1996.
23. Antonelli G., **Giannelli G.**, Currenti M., Simeoni E., Del Vecchio S., Maggi F., Pistello M., Roffi L., Pastore G., Chemello L., Dianzani F.: Antibodies to interferon (IFN) in hepatitis C patients

relapsing while continuing recombinant IFN- α 2 therapy. Clin. Exp. Immunol. 104: 384, 1996.

24. Plopper G., Falk-Marzillier J., Glaser S., Fitchmun M., **Giannelli G.**, Romano T., Jones J.C., Quaranta V.: Changes in expression of monoclonal antibody epitopes on laminin-5r induced by cell contact. J. Cell Sci. 109: 1965, 1996.
25. Piazzolla G., **Giannelli G.**, Antonelli G., Tortorella C., Jirillo E., Schiraldi O., Antonaci S.: Effects of interferon- α treatment on neutrophil oxidative metabolism, lymphocyte proliferation and monocyte HLA class I antigen expression in patients with chronic hepatitis C. Immunopharmacol. Immunotoxicol. 18: 529, 1996.
26. **Giannelli G.**, Falk-Marzillier J., Schiraldi O., Stetler-Stevenson W.G., Quaranta V.: Induction of cell migration by matrix metalloprotease-2 cleavage of laminin-5. Science 277: 225, 1997.
27. Simeoni E., Dianzani F., Viscomi G., De Pisa F., Colizzi V., Artini M., **Giannelli G.**, Antonelli G.: Clinical relevance of antibodies to interferon in hepatitis C patients. Pharm. Sci. 3: 43, 1997.
28. **Giannelli G.**, Pozzi A., Stetler-Stevenson W.G., Gardner H.A., Quaranta V.: Expression of matrix metalloprotease-2-cleaved laminin-5 in breast remodeling stimulated by sex steroids. Am. J. Pathol. 154: 1193, 1999.
29. Nyberg L., Albrecht J., Glue P., **Giannelli G.**, Zambas D., Elliot M., Conrad A., McHutchison J.: Changes in serum hepatitis C virus RNA in interferon nonresponders retreated with interferon plus ribavirin: a preliminary report. J. Clin. Gastroenterol. 28: 313, 1999.
30. McHutchison J.G., **Giannelli G.**, Nyberg L., Blatt L.M., Waite K., Mischkot P., Pianko S., Conrad A., Grint P.: A pilot study of daily subcutaneous interleukin-10 in patients with chronic hepatitis C infection. J. Interferon Cytokine Res. 19: 1265, 1999.
31. Koshikawa N., **Giannelli G.**, Cirulli V., Miyazaki K., Quaranta V.: Role of cell surface metalloprotease MT1-MMP in epithelial cell migration over laminin-5. J. Cell Biol. 148: 615, 2000.
32. **Giannelli G.**, Bergamini C., Fransvea E., Marinosci F., Quaranta V., Antonaci S.: Human hepatocellular carcinoma (HCC) cells require both α 3 β 1 integrin and matrix metalloproteinase activity for migration and invasion. Lab. Invest. 81: 613, 2001.
33. Antonaci S., **Giannelli G.**: L'epatocarcinoma alle soglie del terzo millenio: prospettive e speranze. Il Policlinico 7: 22, 2001.
34. **Giannelli G.**, Milillo L., Marinosci F., Lo Muzio L., Serpico R., Antonaci S.: Altered expression of integrins and basement membrane proteins in malignant and pre-malignant lesions of oral mucosa. J. Biol. Regul. Homeost. Agents 15: 375, 2001.
35. Kiosses W.B., Hahn K.M., **Giannelli G.**, Quaranta V.: Characterization of morphological and cytoskeletal changes in MCF10A breast epithelial cells plated on laminin-5: comparison with breast cancer cell line MCF7. Cell Adhes. Commun. 8: 29, 2001.

36. **Giannelli G.**, Antonaci S.: Biological and clinical relevance of Laminin-5 in cancer. *Clin. Exp. Metastasis* 18: 439, 2001.
37. **Giannelli G.**, Antonaci S.: Gelatinases and their inhibitors in tumor metastasis: from biological research to medical applications. *Histol. Histopathol.* 17: 339, 2002.
38. **Giannelli G.**, Bergamini C., Marinosci F., Fransvea E., Quaranta M., Lupo L., Schiraldi O., Antonaci S.: Clinical role of MMP-2/TIMP-2 imbalance in hepatocellular carcinoma. *Int. J. Cancer* 97: 425-31, 2002.
39. Grano M., Mori G., Minielli V., Barou O., Colucci S., **Giannelli G.**, Alexandre C., Zallone A.Z., Vico L.: Rat hindlimb unloading by tail suspension reduces osteoblast differentiation, induces IL-6 secretion and increase bone resorption in ex-vivo cultures. *Calcif. Tissue Int.* 70: 176, 2002.
40. **Giannelli G.**, Astigiano S., Antonaci S., Morini M., Barbieri O., Noonan D.M., Albini A.: Role of $\alpha 3\beta 1$ and $\alpha 6\beta 4$ integrins in tumor invasion. *Clin. Exp. Metastasis* 19: 217, 2002.
41. **Giannelli G.**, Foti C., Marinosci F., Bonamonte D., Antonaci S., Angelini G.: Gelatinase expression at positive patch test reactions. *Contact Dermatitis* 46: 280, 2002.
42. Faccio R., Grano M., Colucci S., Villa A., **Giannelli G.**, Quaranta V., Zambonin-Zallone A. Localization and possibile role of two different $\alpha V\beta 3$ integrin conformations in resting and resorbing osteoclasts. *J. Cell Sci.* 115: 2919, 2002.
43. Foti C., **Giannelli G.** Anisakis simplex: una emergente causa di orticaria alimentare. *Ann. It. Dermatol. Allergol.* 56: 8, 2002.
44. **Giannelli G.**, Fransvea E., Marinosci F., Bergamini C., Daniele A., Colucci S., Paradiso A., Quaranta M., Antonaci S.: Gelatinase levels in male and female breast cancer. *Biochem. Biophys. Res. Commun.* 292: 161, 2002.
45. **Giannelli G.**, Pierri F., Schiraldi O., Antonaci S. Diarrhea as first clinical manifestation of hepatocellular carcinoma. A case report. *Rec. Progr. Med.* 93: 478, 2002.
46. **Giannelli G.**, De Marzo A., Scagnolari C., Bergamini C., Fransvea E., Bagnato F., Bellomi F., Millefiorini E., Gasperini C., Antonaci S., Antonelli G. Proteolytic balance in patients with multiple sclerosis during interferon treatment. *J. Interferon Cytokine Res.* 22: 689, 2002.
47. Vella F., Simone B., **Giannelli G.**, Sisto D., Sborgia C., Antonaci S.: Glaucoma in primary amyloidosis: a fortuitous or causative association? *Am. J. Med.* 113: 252, 2002.
48. **Giannelli G.**, Fransvea E., Marinosci F., Bergamini C., Colucci S., Schiraldi O., Antonaci S. TGF- $\beta 1$ triggers hepatocellular carcinoma invasiveness via $\alpha 3\beta 1$ integrin. *Am. J. Pathol.* 161: 183, 2002.
49. Foti C., **Giannelli G.**, Berloco A., Mascolo V., Ingravallo G., Giardina C. Malignant fibrous histiocytoma arising from chronic osteomyelitis. *J. Eur. Acad. Dermatol. Venereol.* 16: 390, 2002.
50. **Giannelli G.**, Pierri F., Trerotoli P., Marinosci F., Serio G., Schiraldi O., Antonaci S.: Occurrence of portal vein tumor thrombus in hepatocellular carcinoma (HCC) affects and survival. A retrospective clinical study of 150 cases. *Hepatol. Res.* 24: 50, 2002.

51. Grano M., Mori G., Minielli V., Colucci S., Vaira S., **Giannelli G.**, Martemucci S., Giorgino F., Zallone A.Z.: HGF and M-CSF modulate the adhesion of MDA-231 breast cancer cell by increasing osteopontin secretion. *J. Biol. Regul. Homeost. Agents.* 16: 190; 2002.
52. Vella F.S., Simone B., **Giannelli G.**, Pesolo MT., Ingravallo G., Gentile A., Antonaci S.: A case of multiple myeloma mimicking an infectious disease with fever, intrahepatic cholestasis, renal failure and pulmonary insufficiency. *Am. J. Hematol.* 72:38; 2003.
53. Quaranta V., **Giannelli G.**: Cancer invasion: watch your neighbourhood! *Tumori* 89:343; 2003.
54. **Giannelli G.**, Fransvea E., Bergamini C., Marinosci C., Antonaci S.: Laminin-5 chains are differently expressed in metastatic and non metastatic hepatocellular carcinoma. *Clin. Cancer Res.* 9:3684-91; 2003.
55. **Giannelli G.**, Quaranta V., Antonaci S.: Tissue remodelling in liver diseases. *Histol. Histopathol.* 18: 126; 2003.
56. **Giannelli G.**, Erriquez R., Iannone F., Marinosci F., Lapadula G., Antonaci S.: MMP-2, MMP-9, TIMP-1, TIMP-2, levels in patients with rheumatoid arthritis and psoriatic arthritis. *Clin. Exp. Rheumatol.* 22: 335, 2004.
57. **Giannelli G.**, Erriquez R., Fransvea E., Daniele A., Trerotoli P., Schittulli F., Grano M., Quaranta M., Antonaci S.: Proteolytic imbalance is reversed after therapeutic surgery in breast cancer patients. *Int. J. Cancer* 109: 782, 2004.
58. **Giannelli G.**, Azzariti A., Fransvea E., Porcelli L., Antonaci S., Paradiso A.: Laminin-5 offsets the efficacy of gefitinib ('Iressa') in hepatocellular carcinoma cells. *Br. J Cancer* 11: 1964, 2004.
59. **Giannelli G.**, Sgarra C., Foti C., Bergamini C., Coviello C., Angelici A., Antonaci S.: Altered expression of extra-cellular matrix proteins and integrin receptors in discoid lupus erythematosus. *Lett Drug Design Discovery* 1: 368, 2004.
60. **Giannelli G.**, Guadagnino G., Dentico P., Antonelli G., Antonaci S.: MxA and PKR expression in chronic hepatitis C. *J. Interferon Cytokine Res.* 24: 659, 2004.
61. **Giannelli G.**, De Marzo A., Marinosci F., Antonaci S.: Matrix
62. metalloproteinase imbalance in muscle disuse atrophy. *Histol. Histopathol.* 1: 99, 2005.
63. **Giannelli G.**, Foti C., Divella C., Marinosci F., Bonamonte B., Antonaci S.: Expression of α6β4 and α3β1 integrins in bullous and pemphigus vulgaris. *Lett Drug Design Discovery.* 2:228, 2005.
64. Napoli N., **Giannelli G.**, Parisi C.V., Antonaci A., Maddalena G., Antonaci S.: Predictive value of early virological response to treatment with different interferon-based regimens plus ribavirin in patients with chronic hepatitis C. *New Microbiologica* 1: 13, 2005.
65. **Giannelli G.**, Iannone F., Marinosci F., Lapadula G., and Antonaci S.: The effect of bosentan on matrix metalloproteinase-9 levels in patients with systemic sclerosis-induced pulmonary hypertension. *Curr. Med. Res. Opin.* 21: 327, 2005.

66. **Giannelli G.**, Antonaci S.: Immunological and molecular aspects of liver fibrosis in chronic hepatitis C virus infection. *Histol. Histopathol.* 20: 939, 2005.
67. Antonaci S., **Giannelli G.**, Simone B., Vella F.S.: Sindrome da overlap epatite cronica C/epatite autoimmune: realtà o fantasia? *Rec Prog. Med.* 96: 27, 2005.
68. Marinosci F., Bergamini C., Fransvea E., Napoli N., Maurel P., Dentico P., Antonaci S., **Giannelli G.**: Clinical Role of Serum and Tissue Matrix Metalloprotease-9 expression in Chronic HCV Patients Treated with Pegylated Interferon alpha-2b and Ribavirin. *J. Interferon Cytokine Res.* 25: 453, 2005.
69. **Giannelli G.**, Marinosci F., Sgarra C., Lupo L., Dentico P., Antonaci S.: Clinical role of tissue and serum levels of SCCA antigen in Hepatocellular carcinoma. *Int. J. Cancer*, 116: 579, 2005.
70. **Giannelli G.**, Antonaci S.: MMPs and TIMPs in cancer: biological and clinical significance. *Int. J. Cancer.* 116: 1002, 2005.
71. **Giannelli G.**, Minchella L., Lo Palco P.L., Mastromarco G., Antonaci S.: Treatment of community-acquired pneumonia: a descriptive study in an Apulian Department of Internal Medicine. *Med Sci Monitor*, 11: 434, 2005.
72. **Giannelli G.**, Marinosci F., Dentico P., Antonaci S.: Expression of extracellular matrix metalloprotease inducer (EMMPRIN) in hepatocellular carcinoma. *Med Hypotheses Res.* 2: 339, 2005.
73. Vella F., Panella E., Masciale N., **Giannelli G.**, Antonaci S.: Clarkson syndrome: a rare clinical condition characteriaed by generalized edema associated to monoclonal gammopathy. *Rec. Progr. Med.* 96: 488, 2005.
74. **Giannelli G.**, Marinosci F., Trerotoli P., Volpe A., Quaranta M., Dentico P. Antonaci S.:
SCCA antigen combined with alpha-fetoprotein as serological
75. markers of HCC. *Int. J. Cancer* 116: 506, 2005.
76. **Giannelli G.**, Iannone F., Marinosci F., Covelli M., Lapadula G., Antonaci S.: Infliximab therapy does not modify MMP-2 and MMP-9 serum concentrations in chronic arthritis. *Clin. Exp. Rheumatol* 6: 867, 2005.
77. **Giannelli G.**, Bergamini C., Fransvea E., Sgarra C. Antonaci S.: Laminin- 5 with Transforming Growth Factor-pi induces Epithelial to Mesenchymal Transition in Hepatocellular Carcinoma. *Gastroenterology* 5: 1375, 2005.
78. **Giannelli G.**, Azzariti A., Sgarra C., Porcelli L., Antonaci S., Paradiso A.: ZD6474 inhibits proliferation and invasion of human hepatocellular carcinoma cells. *Biochem. Pharmacol.* 71: 479, 2006.
79. **Giannelli G.**, Iannone F., Marinosci F., Lapadula G., Antonaci S.: Clinical outcomes of bosentan in pulmonary arterial hypertension associated with systemic sclerosis do not correlate with the serum levels of tissue inhibitors of matrix metalloproteases. *Eur. J. Clin. Invest.* 36: 73, 2006.

80. **Giannelli G.**, Bergamini C., Marinosci F., Fransvea F., Napoli N., Maurel P., Dentico P., Antonaci S.: Anti-fibrogenic effect of Interferon alpha-2b on hepatic stellate cell activation by human hepatocytes. *J. Interferon Cytokine Res.* 26: 301, 2006.
81. **Giannelli G.**, Antonaci S.: New frontiers in biomarkers for hepatocellular carcinoma. *Dig. Liver Dis.* 38: 854, 2006.
82. **Giannelli G.**, Antonaci S.: Novel concepts in hepatocellular carcinoma: from molecular research to clinical practise. *J. Clin. Gastroenterol.* 40: 842, 2006.
83. **Giannelli G.**, Vella F., Foti C., Filotico R., Antonaci S.: Tace treatment outcome: (almost) everything is predictable. *Dig. Liver Dis.* 38: 940, 2006.
84. **Giannelli G.**, Antonaci S.: Hepatocellular carcinoma (HCC): tumoral or peritumoral disease? *Rec. Progr. Med.* 98: 23, 2007.
85. **Giannelli G.**, Sgarra C., Di Naro E., Lavora C., Angelotti U., Tartagli M., Simone O., Trerotoli P., Antonaci S., Loverro G.: Endometriosis is characterized by an impaired localization of Laminin-5 and $\alpha 3 \beta 1$ integrin receptor. *Int. J. Gynecol. Cancer* 17: 242, 2007.
86. Vella F., **Giannelli G.**, Fiore G., Antonaci S.: Extrapulmonary sarcoidosis with prevalent liver involvement: a new case and review of the literature. *Rec. Progr. Med.* 9: 469, 2006.
87. Tommasi S., Fedele V., Lacalamita R., Bruno M., Schittulli F., Ginzinger D., Scott G., Eppenberger-Castori S., Calistri D., Casadei S., Seymour I., Longo S., **Giannelli G.**, Pilato B., Simone G., Benz C., Paradiso A. 655Val and 1170Pro ERBB2 SNPs in familial breast cancer risk and BRCA1 alterations. *Cell. Oncol.* 29: 241, 2007.
88. **Giannelli G.**, Iannone F., Fransvea E., Chialà A., Lapadula G., Antonaci S.: Squamous cellular carcinoma immunocomplexed is increased in scleroderma patients with lung fibrosis. *Clin. Exp. Rheumatol.* 25, 794, 2007.
89. Napoli N., **Giannelli G.**, Antonaci A., Antonaci S.: La gestione clinica dell'epatite cronica. *Puglia Salute* 34: 18, 2007.
90. **Giannelli G.**, Napoli N., Zaccaro B., Antonaci S.: Epatite cronica da HCV ed epatocarcinoma: una realtà che cambia. *Puglia Salute*, 34: 22, 2007.
91. **Giannelli G.**, Fransvea E., Trerotoli P., Beaugrand M., Marinosci F., Lupo L., Nkontchou G., Dentico P., Antonaci S.: Clinical validation of combined serological biomarkers for improved hepatocellular carcinoma diagnosis in 961 patients. *Clin. Chim. Acta* 383:147, 2007.
92. Bergamini C., Sgarra C., Trerotoli P., Lupo L., Azzariti A., Antonaci S., **Giannelli G.**: Laminin-5 stimulates hepatocellular carcinoma growth through a different function of $\alpha 6 \beta 4$ and $\alpha 3 \beta 1$ integrins. *Hepatology*, 46: 1801, 2007.
93. Napoli, N., **Giannelli G.**, Antonaci A., Antonaci S.: The use of different PEG-Interferon α -2b regimens plus ribavirin in HCV-1b infected patients alter rapid virological response does not affect the achievement of sustained virological response. *J. Viral Hepat.* 15: 300, 2008.

94. **Giannelli G.**, Napoli N., Antonaci S.: Tyrosine kinase inhibitors: a potential approach to the treatment of hepatocellular carcinoma. *Curr. Pharm. Design.* 13: 3301, 2007.
95. Antonaci A, **Giannelli G.**: Rationale for new drugs targeting the tissue microenvironment in patients with HCC. *Curr. Pharm. Design.* 13: 3288, 2007.
96. Lupo L., Panzera C., **Giannelli G.**; Memeo A., Gentile A., Memeo V.: Single HCC ranging from 3 to 5 cm: Radiofrequency Ablation or Resection? *HPB* 6: 429, 2007.
97. Quaranta M, Daniele A, Coviello M, Venneri MT, Abbate I, Caringella ME, Di Tardo S, Divella R, Trerotoli P, Di Gennaro M, Schittulli F, Fransvea E, **Giannelli G.**: MMP-2, MMP-9, VEGF and CA 15.3 in breast cancer. *Anticancer Res.* 27: 3593, 2007.
98. **Giannelli G.**, Sgarra C., Porcelli L., Azzariti A., Antonaci S., Paradiso A.: EGFR and VEGFR as potential target for biological therapies in HCC cells. *Cancer Lett.* 262. 257, 2008.
99. Fransvea E., Angelotti U., Antonaci S., **Giannelli G.**: Blocking transforming growth factor-beta (TGF- β) up-regulates E-cadherin and reduces migration and invasion of HCC cells. *Hepatology* 47: 1557, 2008.
100. Riva E., Maggi F., Abbruzzese F., Bellomi F., **Giannelli G.**, Picardi A., Scagnolari C., Folgori A., Spada E., Piccolella E, Dianzani F. and Antonelli G.: Immune complexed (IC) Hepatitis C Virus (HCV) in chronically and acutely HCV- infected patients. *Med. Microbiol. Immunol.* 198:13, 2009.
101. Lupo L., Panzera P., Tandoi F., Carbotta G., **Giannelli G.**, Santantonio T., Rendina M., Gentile A., Memeo V.: Basiliximab vs Steroids in double therapy immunosuppression in Liver Transplantation: A prospective randomized clinical trial. *Transplantation*, 86:925, 2008.
102. Bealel G., Chattopadhyay D., Gray J., Stewart S., Hudson M., Day C., Trerotoli P., **Giannelli G.**, Manas D., Reeves H.: AFP, PIVKAI, GP3, SCCA-1 and Follistatin as surveillance Biomarkers for Hepatocellular Cancer in Non Alcoholic and Alcoholic Fatty Liver Disease. *BMC Cancer* 8:200, 2008.
103. E. Fransvea, A. Paradiso, S. Antonaci, **G. Giannelli**. HCC heterogeneity: molecular pathogenesis and clinical implications. *Cell. Oncol* 31:227, 2009
104. E. Fransvea, A. Mazzocca, S. Antonaci, **G. Giannelli**. Targeting TGF- β PRI inhibits activation of P1 integrin and blocks vascular invasion in Hepatocellular Carcinoma (HCC). *Hepatology*, 49:839, 2009
105. Trerotoli P, Fransvea E, Angelotti U, Antonaci G, Lupo L, Mazzocca A, Mangia A, Antonaci S, **Giannelli G.** Tissue expression of Squamous Cellular Carcinoma Antigen (SCCA) is inversely correlated to tumor size in HCC. *Mol. Cancer*, 8:29, 2009.
106. Mazzocca A, Fransvea E, Lavezzari G, Antonaci S, **Giannelli G.** Inhibition of transforming growth factor beta receptor I kinase blocks hepatocellular carcinoma growth through neo-angiogenesis regulation. *Hepatology*, 50:1140, 2009.

107. Mazzocca A, Fransvea E, Dituri F, Lupo L, Antonaci S, **Giannelli G**. Down-regulation of connective tissue growth factor by inhibition of TGF- β blocks the tumor-stroma cross-talk and tumor progression in HCC. *Hepatology*, 51:523, 2010.
108. **G. Giannelli**. The EMT: fact or fiction in cancer? *Hepatology*, 50:1344, 2009
109. **G. Giannelli**. Reply letter. *Hepatology*, in press.
110. Paradiso A, Mangia A, Orlando C, Verderio P, Belfiglio M, Marchetti A, Bertario L, Chiappetta G, Gion M, Tonini GP, Podo F, Vocaturo A, Silvestrini R, Romani M, Belloni E, Cavallo D, Ulivi P, Tommasi S, Steffan A, Russo A, Alessio M, Calistri D, Zancan M, Parrela P, Broggin M, Giuseppe A, Buttitta F, Finocchiaro G, Mazzocco K, Veronesi G, Landuzzi L, Benevolo M, Mariani L, De Marco F, Venuti A, **Giannelli G**, Quaranta M, Trojano V. The Integrated Oncology Program of the Italian Ministry of Health. Analytical and clinical validation of new biomarkers for early diagnosis: network, resources, methodology, quality control, and data analysis. *Int J Biol Markers*, 3: 119, 2009.
111. A. Mazzocca, **G. Giannelli**, S. Antonaci. Involvement of ADAMs in tumorigenesis and progression of Hepatocellular Carcinoma: is it merely fortuitous or a real pathogenic link? *BBA - Reviews on Cancer*, 1806: 74, 2010.
112. Moscato GA, **Giannelli G**, Grandi B, Pieri D, Marsi O, Guarducci I, Batini I, Altomare E, Antonaci S, Capria A, Pellegrini G, Sacco R. Quantitative Determination of Hepatitis C Core Antigen in Therapy Monitoring for Chronic Hepatitis C. *Intervirology*. 54:61, 2010.
113. Fransvea E, Mazzocca A, Santamato A, Azzariti A, Antonaci S, **Giannelli G**. Kinase activation profile associated with TGF- β -dependent migration of HCC cells: a preclinical study. *Cancer Chemother Pharmacol*. 68:79, 2010.
114. Daniele A, Zito AF, **Giannelli G**, Divella R, Asselti M, Mazzocca A, Paradiso A, Quaranta M. Expression of metalloproteinases MMP-2 and MMP-9 in sentinel lymph node and serum of patients with metastatic and non-metastatic breast cancer. *Anticancer Res*. 30:3521, 2010.
115. **G. Giannelli**, A. Mazzocca, E. Fransvea, M. Lahn, S. Antonaci. Inhibiting TGF- β signaling in hepatocellular carcinoma. *BBA-Reviews on Cancer*, 2:214, 2011
116. Sacco R, Bargellini I, **Giannelli G**, Bertini M, Bozzi E, Altomare E, Battaglia V, Romano A, Bertoni M, Capria A, Bresci G, Bartolozzi C. Complete response for advanced liver cancer during sorafenib therapy: Case Report. *BMC Gastroenterol*. 1: 4, 2011
117. Santamato A., Fransvea E., Dituri F., Caligiuri A., Quaranta M., Niimi T., Pinzani M., Antonaci S., **Giannelli G**. Hepatic stellate cells stimulate HCC cell migration via Laminin-5 production. *Clinical Science*, 121:159-68; 2011
118. **Giannelli G.**, Mazzocca A., Fransvea E., Mascolo A., Antonaci S. Nuove prospettive terapeutiche nell'epatocarcinoma. *Tutto Sanità*, 12:177; 2011
119. Vergaro V., Scarlino F., Bellomo C., Rinaldi R., Vergara V., Maffia M., Baldassarre F., **Giannelli G.**, Zhang X., Lvov Y., Leporatti S. Drug-loaded polyelectrolyte microcapsules for sustained

targeting of cancer cells. *Advanced Drug Delivery Reviews*, 63:847;:2011

120. Mazzocca A., Dituri F., Lupo L., Quaranta M., Antonaci S., **Giannelli G.** Tumor-secreted lysophosphatidic acid accelerates HCC progression by promoting differentiation of peritumoral fibroblasts in myofibroblasts. *Hepatology*, 54:920; 2011
121. Dituri F., Mazzocca A., Lupo L., Edling C., Azzariti A., Antonaci S., Falasca M., **Giannelli G.** PI3K class 1B controls the cell cycle checkpoint promoting cell proliferation in hepatocellular carcinoma. *Int. J. Cancer*, 130:2505; 2012
122. Dituri F., Mazzocca A., **Giannelli G.**, Antonaci S. PI3K Functions in Cancer Progression, Anticancer Immunity and Immune Evasion by Tumors. *Clin Dev Immunol.*, 2011:1; 2011
123. Primiceri E., Chiriaco MS., Dioguardi F., Monteduro AG., D'Amone E., Rinaldi R., **Giannelli G.**, Maruccio G. Automatic transwell assay by an EIS cell chip to monitor cell migration. *Lab Chip*. 11:4081; 2011
124. C. Scagnolari, S. Trombetti, A. Solda', M. Milella, G. B. Gaeta, G. Angarano, G. Scotto, N. Caporaso, F. Morisco, R. Cozzolongo, **G. Giannelli**, M. Fasano, T. Santantonio and G. Antonelli. Development and specificities of antiinterferon neutralizing antibodies in patients with chronic hepatitis C treated with pegylated interferon-a. *Clinical Microbiology and Infection*. 00:000; 2011
125. E. Fransvea, P. Trerotoli, R. Sacco, V. Bernabucci, M. Milella, N. Napoli, A. Mazzocca, E. Renna, M. Quaranta, G. Angarano, E. Villa, S. Antonaci, **G. Giannelli**. SCCA-IC serum levels are predictive of clinical response in HCV chronic hepatitis to antiviral therapy: a multicentric prospective study. *Journal Viral Hepatitis*, 00:0, 2012
126. E. Riva, C. Scagnolari, K. Monteleone, C. Selvaggi, A. Picardi, C. Mazzarelli, E. Pizzigallo, B. Vincenzi, A. Carducci, S. Antonaci, **G. Giannelli**, G. Antonelli. Interleukin 28B (IL-28B) single-nucleotide polymorphisms and the
127. therapeutic effects of interferon plus ribavirin treatment in Italian chronically HCV- infected patients. *Journal Viral Hepatitis*, 00:0, 2012
128. A. Mazzocca, S. Antonaci, **G. Giannelli**. The TGF- b signaling pathway as a pharmacological target in hepatocellular carcinoma. *Curr Pharm Des*.18: 4148; 2012
129. Vergaro V, Baldassarre F, De Santis F, Ciccarella G, **Giannelli G**, Leporatti S. TGF-Beta Inhibitor-loaded Polyelectrolyte Multilayers Capsules for Sustained Targeting of Hepatocarcinoma Cells. *Curr Pharm Des*. 1: 4155; 2012
130. Baldassarre F, Vergaro V, Scarlino F, De Santis F, Lucarelli G, Torre AD, Ciccarella G, Rinaldi R, **Giannelli G**, Leporatti S. Polyelectrolyte capsules as carriers for growth factor inhibitor delivery to hepatocellular carcinoma. *Macromol Biosci*. 12:656; 2012
131. Garrisi VM, Tufaro A, Trerotoli P, Bongarzone I, Quaranta M, Ventrella V, Tommasi S, **Giannelli G**, Paradiso A. Body mass index and serum proteomic profile in breast cancer and healthy women: a prospective study. *PLoS One*. 7:e49631, 2012
132. Vergara D, Simeone P, Del Boccio P, Toto C, Pieragostino D, Tinelli A, Acierno R, Alberti S,

Salzet M, **Giannelli G**, Sacchetta P, Maffia M. Comparative proteome profiling of breast tumor cell lines by gel electrophoresis and mass spectrometry reveals an epithelial mesenchymal transition associated protein signature. *Mol Biosyst.* 9: 1127, 2012.

133. Dituri F., Mazzocca A., Peidrò F.J., Papappicco P., Fabregat I., De Santis F., Paradiso A., Sabbà C., **Giannelli G**. Differential inhibition of the TGF- β signaling pathway in HCC cells using the small molecule inhibitor LY2157299 and the D10 monoclonal antibody against TGF- β Receptor type II. *PlosOne*,8:e67109; 2013.
134. Tomuleasa C, **Giannelli G**, Cucuianu A, Aldea M, Paradiso A, Berindan- Neagoe I. The interplay between cancer cells, macrophages and natural killer cells may actually decide the outcome of therapy with Sorafenib. *Hepatology*. 2013 Oct 29. doi: 10.1002/hep.26907. [Epub ahead of print].
135. **Giannelli G.**, Lahn M., Villa E. Transforming growth factor- β as a therapeutic target in hepatocellular carcinoma. *Cancer Res.* 2014;74:1890-1894
136. Rani B., Cao Y., Malfettone A., Tomuleasa C., Fabregat I., **Giannelli G**. Role of tissue microenvironment as a therapeutic target in hepatocellular carcinoma. *WJG* 2014; 20: 4128-4140
137. **Giannelli G.**, Rani B., Dituri F., Cao Y, Palasciano G. Moving toward personalized therapy in patients with Hepatocellular Carcinoma: the role of the microenvironment. *GUT* 2014, 10:1668-1676
138. Dituri F., Serio G., Filannino D., Mascolo A., Sacco R., Villa E., **Giannelli G**. Circulating TGF- β 1-related biomarkers in patients with Hepatocellular carcinoma and their Association with HCC Staging Scores. *Cancer Letters* 2014; 353:264-271
139. Fernando J, Malfettone A, Cepeda EB, Vilarrasa-Blasi R, Bertran E, Raimondi G, Fabra A, Alvarez-Barrientos A, Fernandez-Salguero P, Fernandez-Rodriguez CM, **Giannelli G**, Sancho P, Fabregat I. A mesenchymal-like phenotype and expression of CD44 predict lack of apoptotic response to sorafenib in liver tumor cells. *Int J Cancer*. 2015, 136:161-172
140. Mazzocca A, Dituri F, De Santis F, Filannino A, Lopane C, Betz RC, Li YY, Mukaida N, Winter P, Tortorella C, **Giannelli G**, Sabbà C. Lysophosphatidic acid receptors LPAR6 supports the tumorigenicity of hepatocellular carcinoma. *Cancer Res.* 2015, 3:532-543
141. Villa E, Critelli R, Lei B, Marzocchi G, Cammà C, **Giannelli G**, Pontisso P, Cabibbo G, Enea M, Colopi S, Caporali C, Pollicino T, Milosa F, Karampatou A, Todesca P, Bertolini E, Maccio L, Martinez-Chantar ML, Turola E, Del Buono M, De Maria N, Ballestri S, Schepis F, Loria P, Enrico Gerunda G, Losi L, Cillo U. Neoangiogenesis-related genes are hallmarks of fast-growing hepatocellular carcinomas and worst survival. Results from a prospective study. *GUT* 2015, Feb 9. pii: gutjnl-2014-308483. doi: 10.1136/gutjnl-2014-308483.
142. Govaere O, Wouters J, Petz M, Vandewynckel YP, Van den Eynde K, Van den Broeck A, Verhulst S, Dollé L, Gremeaux L, Ceulemans A, Nevens F, van Grunsven LA, Topal B, Vankelecom H, **Giannelli G**, Van Vlierberghe H, Mikulits W, Komuta M, Roskams T. Laminin-332 sustains chemoresistance and quiescence as part of the human hepatic cancer stem cell niche. *J Hepatol.* 2015 Nov 17. pii: S0168- 8278(15)00744-8. doi: 10.1016/j.jhep.2015.11.01
143. Fabregat I, Moreno-Càceres J, Sanchez A, Dooley S, Dewidar B, **Giannelli G**, Ten Dijke P; IT-

LIVER Consortium. TGF- β signaling and liver disease. *FEBS J.* 2016 Jan 25. doi: 10.1111/febs.13665. [Epub ahead of print]

144. **Giannelli G**, Mikulits W, Dooley S, Fabregat I, Moustakas A, Ten Dijke P, Portincasa P, Winter P, Janssen R, Leporatti S, Herrera B, Sanchez A. The rationale for targeting TGF- β in chronic liver diseases. *Eur J Clin Invest.* 2016 Apr;46(4):349- 61. doi: 10.1111/eci.12596. Epub 2016 Mar 12.
145. **Giannelli G**, Koudelkova P, Dituri F, Mikulits W. Role of epithelial to mesenchymal transition in hepatocellular carcinoma. *J Hepatol.* 2016 May 17. pii: S0168-8278(16)30193-3. doi: 10.1016/j.jhep.2016.05.007.
146. Azzariti A, Mancarella S, Porcelli L, Quatralè AE, Caligiuri A, Lupo L, Dituri F, **Giannelli G**. Hepatic stellate cells induce hepatocellular carcinoma cell resistance to sorafenib through the laminin-332/ α 3 integrin axis recovery of focal adhesion kinase ubiquitination. *Hepatology.* 2016 Dec;64(6):2103-2117. doi: 10.1002/hep.28835. Epub 2016 Oct 27.
147. Malfettone A, Soukupova J, Bertran E, Crosas-Molist E, Lastra R, Fernando J, Koudelkova P, Rani B, Fabra À, Serrano T, Ramos E, Mikulits W, **Giannelli G**, Fabregat I. Transforming growth factor—P—induced plasticity causes a migratory stemness phenotype in hepatocellular carcinoma. *Cancer Lett.* 2017 Apr 28;392:39- 50. doi: 10.1016/j.canlet.2017.01.037. Epub 2017 Feb 2.
148. Cao Y, Agarwal R, Dituri F, Lupo L, Trerotoli P, Mancarella S, Winter P, **Giannelli G**. NGS—based transcriptome profiling reveals biomarkers for companion diagnostics of the TGF—P receptor blocker galunisertib in HCC. *Cell Death Dis.* 2017 Feb 23;8(2):e2634. doi: 10.1038/cddis.2017.44.
149. Notarnicola M, Tutino V, De Nunzio V, Dituri F, Caruso MG, **Giannelli G**. Dietary ω —3 Polyunsaturated Fatty Acids Inhibit Tumor Growth in Transgenic ApcMin/+ Mice, Correlating with CB1 Receptor Up—Regulation. *Int J Mol Sci.* 2017 Feb 24;18(3). pii: E485. doi: 10.3390/ijms18030485.
150. Tortelli R, Lozupone M, Guerra V, Barulli MR, Imbimbo BP, Capozzo R, Grasso A, Tursi M, Di Dio C, Sardone R, **Giannelli G**, Seripa D, Misciagna G, Panza F, Logroscino G. Midlife Metabolic Profile and the Risk of Late—Life Cognitive Decline. *J Alzheimers Dis.* 2017;59(1):121—130. doi: 10.3233/JAD—170153.
151. Agarwal R, Cao Y, Hoffmeier K, Krezdorn N, Jost L, Meisel AR, Jungling R, Dituri F, Mancarella S, Rotter B, Winter P, **Giannelli G**. Precision medicine for hepatocellular carcinoma using molecular pattern diagnostics: results from a preclinical pilot study. *Cell Death Dis.* 2017 Jun 8;8(6):e2867. doi: 10.1038/cddis.2017.229.
152. Zhang S, Song X, Cao D, Xu Z, Fan B, Che L, Hu J, Chen B, Dong M, Pilo MG, Cigliano A, Evert K, Ribback S, Dombrowski F, Pascale RM, Cossu A, Vidili G, Porcu A, Simile MM, Pes GM, **Giannelli G**, Gordan J, Wei L, Evert M, Cong W, Calvisi DF, Chen X. Pan-mTOR inhibitor MLN0128 is effective against intrahepatic cholangiocarcinoma in mice. *J Hepatol.* 2017 Jul 19. pii: S0168-8278(17)32149-9. doi: 10.1016/j.jhep.2017.07.006.
153. Critelli R, Milosa F, Faillaci F, Condello R, Turola E, Marzi L, Lei B, Dituri F, Andreani S,

Sighinolfi P, Manni P, Maiorana A, Caporali C, di Benedetto F, Del Buono M, De Maria N, Schepis F, Martinez-Chantar ML, **Giannelli G**, Villa E. Microenvironment inflammatory infiltrate drives growth speed and outcome of hepatocellular carcinoma: a prospective clinical study. *Cell Death Dis.* 2017 Aug 24;8(8):e3017. doi: 10.1038/cddis.2017.395.

154. Lozupone M, Seripa D, Stella E, La Montagna M, Solfrizzi V, Quaranta N, Veneziani F, Cester A, Sardone R, Bonfiglio C, **Giannelli G**, Bisceglia P, Bringiotti R, Daniele A, Greco A, Bellomo A, Logroscino G, Panza F. Innovative biomarkers in psychiatric disorders: a major clinical challenge in psychiatry. *Expert Rev Proteomics.* 2017 Sep 11:1-16. doi: 10.1080/14789450.2017.1375857.
155. Soukupova J, Malfettone A, Hyrossova P, Hernandez-Alvarez MI, Penuelas Haro I, Bertran E, Junza A, Capellades J, **Giannelli G**, Yanes O, Zorzano A, Perales JC, Fabregat I. *Sci Rep.* 2017 Oct 2;7(1):12486. doi: 10.1038/s41598-017-12837-y.
156. Veronese N, Notarnicola M, Cisternino AM, Reddavid R, Inguaggiato R, Guerra V, Rotolo O, Zinzi I, Leandro G, Correale M, Tutino V, Misciagna G, Osella AR, Bonfiglio C, **Giannelli G**, Caruso MG; MICOL Group. Coffee Intake and Liver Steatosis: A Population Study in a Mediterranean Area. *Nutrients.* 2018 Jan 15;10(1). pii: E89. doi: 10.3390/nu10010089. PubMed PMID: 29342916; PubMed Central PMCID: PMC5793317.
157. Valentini AM, Di Pinto F, Cariola F, Guerra V, **Giannelli G**, Caruso ML, Pirrelli M. PD-L1 expression in colorectal cancer defines three subsets of tumor immune microenvironments. *Oncotarget.* 2018 Jan 12;9(9):8584-8596. doi: 10.18632/oncotarget.24196. eCollection 2018 Feb 2. PubMed PMID: 29492219; PubMed Central PMCID: PMC5823560.
158. Hanafy NAN, Quarta A, Ferraro MM, Dini L, Nobile C, De Giorgi ML, Carallo S, Citti C, Gaballo A, Cannazza G, Rinaldi R, **Giannelli G**, Leporatti S. Polymeric Nano-Micelles as Novel Cargo-Carriers for LY2157299 Liver Cancer Cells Delivery. *Int J Mol Sci.* 2018 Mar 6;19(3). pii: E748. doi: 10.3390/ijms19030748. PubMed PMID: 29509706; PubMed Central PMCID: PMC5877609.
159. Rani B, Malfettone A, Dituri F, Soukupova J, Lupo L, Mancarella S, Fabregat I, **Giannelli G**. Galunisertib suppresses the staminal phenotype in hepatocellular carcinoma by modulating CD44 expression. *Cell Death Dis.* 2018 Mar 7;9(3):373. doi: 10.1038/s41419-018-0384-5. PubMed PMID: 29515105; PubMed Central PMCID: PMC5841307.
160. Panza F, Lozupone M, Solfrizzi V, Sardone R, Dibello V, Di Lena L, D'Urso F, Stallone R, Petrucci M, **Giannelli G**, Quaranta N, Bellomo A, Greco A, Daniele A, Seripa D, Logroscino G. Different Cognitive Frailty Models and Health- and Cognitive-related Outcomes in Older Age: From Epidemiology to Prevention. *J Alzheimers Dis.* 2018;62(3):993-1012. doi: 10.3233/JAD-170963. PubMed PMID: 29562543; PubMed Central PMCID: PMC5870024.
161. Veronese N, Solmi M, Caruso MG, **Giannelli G**, Osella AR, Evangelou E, Maggi S, Fontana L, Stubbs B, Tzoulaki I. Dietary fiber and health outcomes: an umbrella review of systematic reviews and meta-analyses. *Am J Clin Nutr.* 2018 Mar 1;107(3):436-444. doi: 10.1093/ajcn/nqx082. PubMed PMID: 29566200.
162. Notarnicola M, Lorusso D, Tutino V, De Nunzio V, De Leonardis G, Marangelli G, Guerra V, Veronese N, Caruso MG, **Giannelli G**. Differential Tissue Fatty Acids Profiling between

Colorectal Cancer Patients with and without Synchronous Metastasis. *Int J Mol Sci.* 2018 Mar 23;19(4). pii: E962. doi: 10.3390/ijms19040962. PubMed PMID: 29570667; PubMed Central PMCID: PMC5979339.

163. Faillaci F, Marzi L, Critelli R, Milosa F, Schepis F, Turola E, Andreani S, Vandelli G, Bernabucci V, Lei B, D'Ambrosio F, Bristot L, Cavalletto L, Chemello L, Sighinolfi P, Manni P, Maiorana A, Caporali C, Bianchini M, Marsico M, Turco L, de Maria N, Del Buono M, Todesca P, di Lena L, Romagnoli D, Magistri P, di Benedetto F, Bruno S, Taliani G, **Giannelli G**, Martinez-Chantar ML, Villa E. Liver Angiopoietin-2 Is a Key Predictor of De Novo or Recurrent Hepatocellular Cancer After Hepatitis C Virus Direct-Acting Antivirals. *Hepatology.* 2018 Sep;68(3):1010-1024. doi: 10.1002/hep.29911. PubMed PMID: 29604220; PubMed Central PMCID: PMC6175123.
164. Caja L, Dituri F, Mancarella S, Caballero-Diaz D, Moustakas A, **Giannelli G**, Fabregat I. TGF- β and the Tissue Microenvironment: Relevance in Fibrosis and Cancer. *Int J Mol Sci.* 2018 Apr 26;19(5). pii: E1294. doi: 10.3390/ijms19051294. Review. PubMed PMID: 29701666; PubMed Central PMCID: PMC5983604.
165. Chieppa M, **Giannelli G**. Immune Cells and Microbiota Response to Iron Starvation. *Front Med (Lausanne).* 2018 Apr 18;5:109. doi: 10.3389/fmed.2018.00109. eCollection 2018. PubMed PMID: 29721497; PubMed Central PMCID: PMC5915481.
166. Lozupone M, La Montagna M, D'Urso F, Piccininni C, Sardone R, Dibello V, **Giannelli G**, Solfrizzi V, Greco A, Daniele A, Quaranta N, Seripa D, Bellomo A, Logroscino G, Panza F. Pharmacotherapy for the treatment of depression in patients with alzheimer's disease: a treatment-resistant depressive disorder. *Expert Opin Pharmacother.* 2018 Jun;19(8):823-842. doi: 10.1080/14656566.2018.1471136. Epub 2018 May 4. Review. PubMed PMID: 29726758.
167. Hammad S, Cavalcanti E, Werle J, Caruso ML, Dropmann A, Ignazzi A, Ebert MP, Dooley S, **Giannelli G**. Galunisertib modifies the liver fibrotic composition in the Abcb4Ko mouse model. *Arch Toxicol.* 2018 Jul;92(7):2297-2309. doi:10.1007/s00204-018-2231-y. Epub 2018 May 28. PubMed PMID: 29808285.
168. Carr BI, **Giannelli G**, Guerra V, Giannini EG, Farinati F, Rapaccini GL, Marco MD, Zoli M, Caturelli E, Masotto A, Virdone R, Sacco R, Trevisani F. Plasma cholesterol and lipoprotein levels in relation to tumor aggressiveness and survival in HCC patients. *Int J Biol Markers.* 2018 Nov;33(4):423-431. doi:10.1177/1724600818776838. Epub 2018 Jun 6. PubMed PMID: 29874983.
169. Osella AR, Colaianni G, Correale M, Pesole PL, Bruno I, Buongiorno C, Deflorio V, Leone CM, Colucci SC, Grano M, **Giannelli G**. Irisin Serum Levels in Metabolic Syndrome Patients Treated with Three Different Diets: A Post-Hoc Analysis from a Randomized Controlled Clinical Trial. *Nutrients.* 2018 Jun 28;10(7). pii: E844. doi: 10.3390/nu10070844. PubMed PMID: 29958455; PubMed Central PMCID: PMC6073260.
170. Lozupone M, Panza F, Piccininni M, Copetti M, Sardone R, Imbimbo BP, Stella E, D'Urso F, Barulli MR, Battista P, Grasso A, Tortelli R, Capozzo R, Coppola F, Abbrescia DI, Bellomo A, **Giannelli G**, Quaranta N, Seripa D, Logroscino G. Social Dysfunction in Older Age and Relationships with Cognition, Depression, and Apathy: The GreatAGE Study. *J Alzheimers Dis.* 2018;65(3):989-1000. doi: 10.3233/JAD-180466. PubMed PMID: 30103335.

171. Tutino V, De Nunzio V, Caruso MG, Bonfiglio C, Franco I, Mirizzi A, De Leonardis G, Cozzolongo R, Giannuzzi V, **Giannelli G**, Notarnicola M, Osella AR. Aerobic Physical Activity and a Low Glycemic Diet Reduce the AA/EPA Ratio in Red Blood Cell Membranes of Patients with NAFLD. *Nutrients*. 2018 Sep 13;10(9). pii: E1299. doi: 10.3390/nu10091299. PubMed PMID: 30217048; PubMed Central PMCID: PMC6163829.
172. Panza F, Lozupone M, Solfrizzi V, Sardone R, Piccininni C, Dibello V, Stallone R, **Giannelli G**, Bellomo A, Greco A, Daniele A, Seripa D, Logroscino G, Imbimbo BP. BACE inhibitors in clinical development for the treatment of Alzheimer's disease. *Expert Rev Neurother*. 2018 Nov;18(11):847-857. doi: 10.1080/14737175.2018.1531706. Epub 2018 Oct 24. PubMed PMID: 30277096.
173. Infantino V, Dituri F, Convertini P, Santarsiero A, Palmieri F, Todisco S, Mancarella S, **Giannelli G**, Iacobazzi V. Epigenetic upregulation and functional role of the mitochondrial aspartate/glutamate carrier isoform 1 in hepatocellular carcinoma. *Biochim Biophys Acta Mol Basis Dis*. 2019 Jan;1865(1):38-47. doi: 10.1016/j.bbadis.2018.10.018. Epub 2018 Oct 12. PubMed PMID: 30321589.
174. Primiceri E, Chiriaco MS, Notarangelo FM, Crocamo A, Ardissino D, Cereda M, Bramanti AP, Bianchessi MA, **Giannelli G**, Maruccio G. Key Enabling Technologies for Point-of-Care Diagnostics. *Sensors (Basel)*. 2018 Oct 24;18(11). pii: E3607. doi: 10.3390/s18113607. Review. PubMed PMID: 30355989; PubMed Central PMCID: PMC6263899.
175. De Santis S, Fiorentino MR, Galleggiante V, Verna G, Liso M, Massaro M, Lan J, Troisi J, Bertamino A, Pinto A, Campiglia P, Santino A, **Giannelli G**, Fasano A, Serino G, Chieppa M. Aquaporin 9 Contributes to the Maturation Process and Inflammatory Cytokine Secretion of Murine Dendritic Cells. *Front Immunol*. 2018 Oct 16;9:2355. doi: 10.3389/fimmu.2018.02355. eCollection 2018. PubMed PMID: 30386332; PubMed Central PMCID: PMC6198254.
176. Dituri F, Mancarella S, Cigliano A, Chieti A, **Giannelli G**. TGF- β as Multifaceted Orchestrator in HCC Progression: Signaling, EMT, Immune Microenvironment, and Novel Therapeutic Perspectives. *Semin Liver Dis*. 2018 Dec 26. doi: 10.1055/s-0038-1676121. [Epub ahead of print] PubMed PMID: 30586675.
177. Cascione M, Leporatti S, Dituri F, **Giannelli G**. Transforming Growth Factor- β Promotes Morphomechanical Effects Involved in Epithelial to Mesenchymal Transition in Living Hepatocellular Carcinoma. *Int J Mol Sci*. 2018 Dec 28;20(1). pii: E108. doi: 10.3390/ijms20010108. PubMed PMID: 30597907.
178. Modica, T.M.E., Dituri, F., Mancarella, S., Pisano, C., Fabregat, I., GIANNELLI, G. Calcium regulates HCC proliferation as well as EGFR recycling/degradation and could be a new therapeutic target in HCC (2019) *Cancers*, 11 (10), art. no. 1588.
179. Mancarella, S., Krol, S., Crovace, A., Leporatti, S., Dituri, F., Frusciante, M., GIANNELLI, G. Validation of hepatocellular carcinoma experimental models for TGF- β promoting tumor progression (2019) *Cancers*, 11 (10), art. no. 1510, .
180. Dituri F, Cossu C, Mancarella S, Giannelli G. The Interactivity between TGF β and BMP Signaling in Organogenesis, Fibrosis, and Cancer. *Cells*. 2019 Sep 23;8(10):1130. doi: 10.3390/cells8101130. PMID: 31547567; PMCID: PMC6829314.

181. Solfrizzi, V., Scafato, E., Lozupone, M., Seripa, D., Schilardi, A., Custodero, C., Sardone, R., Galluzzo, L., Gandin, C., Baldereschi, M., Di Carlo, A., Inzitari, D., GIANNELLI, G., Daniele, A., Sabbà, C., Logroscino, G., Panza, F. Biopsychosocial frailty and the risk of incident dementia: The Italian longitudinal study on aging (2019) *Alzheimer's and Dementia*, 15 (8), pp. 1019-1028.
182. Logroscino, G., Imbimbo, B.P., Lozupone, M., Sardone, R., Capozzo, R., Battista, P., Zecca, C., Dibello, V., GIANNELLI, G., Bellomo, A., Greco, A., Daniele, A., Seripa, D., Panza, F. Promising therapies for the treatment of frontotemporal dementia clinical phenotypes: from symptomatic to disease-modifying drugs (2019) *Expert Opinion on Pharmacotherapy*, 20 (9), pp. 1091-1107.
183. Tutino, V., Caruso, M.G., De Nunzio, V., Lorusso, D., Veronese, N., Gigante, I., Notarnicola, M., GIANNELLI, G. Down-regulation of cannabinoid type 1 (CB1) receptor and its downstream signaling pathways in metastatic colorectal cancer (2019) *Cancers*, 11 (5), art. no. 708.
184. Fouassier, L., Marzioni, M., Afonso, M.B., Dooley, S., Gaston, K., GIANNELLI, G., Rodrigues, C.M.P., Lozano, E., Mancarella, S., Segatto, O., Vaquero, J., Marin, J.J.G., Coulouarn, C. Signalling networks in cholangiocarcinoma: Molecular pathogenesis, targeted therapies and drug resistance (2019) *Liver International*, 39 (S1), pp. 43-62.
185. Cascione, M., Leporatti, S., Dituri, F., GIANNELLI, G. Transforming growth factor- β promotes morphomechanical effects involved in epithelial to mesenchymal transition in living hepatocellular carcinoma (2019) *International Journal of Molecular Sciences*, 20 (1), art. no. 108.
186. Dituri, F., Mancarella, S., Cigliano, A., Chieti, A., GIANNELLI, G. TGF- β as Multifaceted Orchestrator in HCC Progression: Signaling, EMT, Immune Microenvironment, and Novel Therapeutic Perspectives (2019) *Seminars in Liver Disease*, 39 (1), pp. 53-69.
187. Infantino, V., Dituri, F., Convertini, P., Santarsiero, A., Palmieri, F., Todisco, S., Mancarella, S., GIANNELLI, G., Iacobazzi, V. Epigenetic upregulation and functional role of the mitochondrial aspartate/glutamate carrier isoform 1 in hepatocellular carcinoma (2019) *Biochimica et Biophysica Acta - Molecular Basis of Disease*, 1865 (1), pp. 38-47.
188. Depalo, N., Fanizza, E., Vischio, F., Denora, N., Laquintana, V., Cutrignelli, A., Striccoli, M., GIANNELLI, G., Agostiano, A., Curri, M.L., Scavo, M.P. Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: A scanning electron microscopy investigation (2019) *RSC Advances*, 9 (38), pp. 21810-21825.
189. Faivre S, Santoro A, Kelley RK, Gane E, Costentin CE, Gueorguieva I, Smith C, Cleverly A, Lahn MM, Raymond E, Benhadji KA, **Giannelli G**. Novel transforming growth factor beta receptor I kinase inhibitor galunisertib (LY2157299) in advanced hepatocellular carcinoma. *Liver International*, 2019 Aug;39(8):1468-1477; PMID: 30963691, DOI: 10.1111/liv.14113.
190. Kelley, R.K., Gane, E., Assenat, E., Siebler, J., Galle, P.R., Merle, P., Hourmand, I.O., Cleverly, A., Zhao, Y., Gueorguieva, I., Lahn, M., Faivre, S., Benhadji, K.A., GIANNELLI, G. A phase 2 study of galunisertib (TGF- β 1 Receptor Type I Inhibitor) and sorafenib in patients with advanced hepatocellular carcinoma (2019) *Clinical and Translational Gastroenterology*, 10 (7), art. no. e-00056.
191. De Santis, S., Serino, G., Fiorentino, M.R., Galleggiante, V., Gena, P., Verna, G., Liso, M.,

Massaro, M., Lan, J., Troisi, J., Cataldo, I., Bertamino, A., Pinto, A., Campiglia, P., Santino, A., GIANNELLI, G., Fasano, A., Calamita, G., Chieppa, M. Corrigendum: Aquaporin-9 contributes to the maturation process and inflammatory cytokine secretion of murine dendritic cells (Frontiers Immunology (2018) 9 (2355)).

192. Modica TME, Dituri F, Mancarella S, Pisano C, Fabregat I, **Giannelli G**. Calcium regulates HCC proliferation as well as EGFR recycling/degradation and could be a new therapeutic target in HCC. *Cancers*, 2019 Oct 18;11(10):1588; PMID: 31635301, DOI: 10.3390/cancers11101588.
193. Tutino V, Caruso MG, De Nunzio V, Lorusso D, Veronese N, Gigante I, Notarnicola M, **Giannelli G**. Down-regulation of cannabinoid type 1 (CB1) receptor and its downstream signaling pathways in metastatic colorectal cancer. *Cancers*, 2019 May 22;11(5):708; PMID: 31121931, DOI: 10.3390/cancers11050708.
194. Tutino V, De Nunzio V, Caruso MG, Veronese N, Lorusso D, Di Masi M, Benedetto ML, Notarnicola M. Elevated AA/EPA Ratio Represents an Inflammatory Biomarker in Tumor Tissue of Metastatic Colorectal Cancer Patients. *International Journal of Molecular Sciences*, 2019 Apr 25;20(8); PMID: 31027294, DOI: 10.3390/ijms20082050.
195. Infantino V, Dituri F, Convertini P, Santarsiero A, Palmieri F, Todisco S, Mancarella S, **Giannelli G**, Iacobazzi V. Epigenetic upregulation and functional role of the mitochondrial aspartate/glutamate carrier isoform 1 in hepatocellular carcinoma. *Biochimica et Biophysica Acta-Molecular Basis of Disease*, 2019 Apr 25;20(8):2050; PMID: 31027294, DOI: 10.3390/ijms20082050.
196. Scavo MP, Cigliano A, Depalo N, Fanizza E, Bianco MG, Denora N, Laquintana V, Curri ML, Lorusso D, Lotesoriere C, Panarese A, **Giannelli G**. Frizzled-10 Extracellular Vesicles Plasma Concentration is Associated With Tumoral Progression In Patients With Colorectal And Gastric Cancer. *Journal of Oncology*, 2019 Jun 2;2019:2715968; PMID: 31275379, DOI: 10.1155/2019/2715968.
197. Scavo MP, Depalo N, Rizzi F, Ingrosso C, Fanizza E, Chieti A, Messa C, Denora N, Laquintana V, Striccoli M, Curri ML, **Giannelli G**. FZD10 Carried by Exosomes Sustains Cancer Cell Proliferation. *Cells*, 25;8(8):777; PMID: 31349740, DOI: 10.3390/cells8080777.
198. Depalo N, Fanizza E, Vischio F, Denora N, Laquintana V, Cutrignelli A, Striccoli M, **Giannelli G**, Agostiano A, Curri ML, Scavo MP. Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. *RSC Advances*, 2019, 9, 21810-21825; <https://doi.org/10.1039/C9RA02381J>.
199. Fouassier L, Marzioni M, Afonso MB, Dooley S, Gaston K, **Giannelli G**, Rodrigues CMP, Lozano E, Mancarella S, Segatto O, Vaquero J, Marin JJG, Coulouarn C. Signalling networks in cholangiocarcinoma: molecular pathogenesis, targeted therapies and drug resistance. *Liver International*, 2019 May;39 Suppl 1:43-62; PMID: 30903728, DOI: 10.1111/liv.14102.
200. Mangia A, Piazzolla V, Giannelli A, Visaggi E, Minerva N, Palmieri V, Carraturo I, Potenza D, Napoli N, Lauletta G, Tagarielli V, Santoro R, Piccigallo E, De Gioia S, Chimenti A, Cuccorese G, Metrangolo A, Mazzola M, Agostinacchio E, Mennea E, Sabbà C, Cela M, Copetti M, Losappio R. SVR12 rates higher than 99% after sofosbuvir/ velpatasvir combination in HCV infected patients with F0-F1 fibrosis stage: A real world experience. *PLoS One*, 2019 May

15;14(5):e0215783; PMID: 31091254, DOI: 10.1371/journal.pone.0215783.

201. Dituri F, Cossu C, Mancarella S, **Giannelli G**. The Interactivity between TGF β and BMP Signaling in Organogenesis, Fibrosis, and Cancer. *Cells*, 2019 Sep 23;8(10):1130; PMID: 31547567, DOI: 10.3390/cells8101130.
202. Mancarella S, Krol S, Crovace A, Leporatti S, Dituri F, Frusciante M, **Giannelli G**. Validation of Hepatocellular Carcinoma Experimental Models for TGF-beta Promoting Tumor. *Cancers*, 2019 Oct 9;11(10):1510; PMID: 31600917, DOI: 10.3390/cancers11101510.
203. **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 RI inhibitor galunisertib. *Plos One*, 2020 Mar 25;15(3): e0222259; PMID: 32210440, DOI: 10.1371/journal.pone.0222259.
204. 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.
205. 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.
206. 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.
207. 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.
208. 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.
209. 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.
210. 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-sss-vc/MMAF, an HER-3 targeting antibody-drug conjugate displays antitumor activity in liver cancer. *Oncol Rep* 2020 Dec 9; PMID: 33416143, DOI: 10.3892/or.2020.7893.

211. 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.
212. Notarnicola M, Lorusso D, Tutino V, De Nunzio V, De Leonardis G, Marangelli G, Guerra V, Veronese N, Caruso MG, **Giannelli G**. Differential Tissue Fatty Acids Profiling between Colorectal Cancer Patients with and without Synchronous Metastasis. *International Journal of Molecular Sciences*. 2018; 19 (4):962; PMID: 29570667, DOI: 10.3390/ijms19040962.
213. Panza F, Lozupone M, Solfrizzi V, Sardone R, Piccininni C, Dibello V, Stallone R, **Giannelli G**, Bellomo A, Greco A, Daniele A, Seripa D, Logroscino G, Imbimbo B. BACE inhibitors in clinical development for the treatment of Alzheimer's disease. *Expert Review of Neurotherapeutics*, 2018 Nov;18(11):847-857; PMID: 30277096, DOI: 10.1080/14737175.2018.1531706.
214. Lozupone M, La Montagna M, D'Urso F, Piccininni C, Sardone R, Dibello V, **Giannelli G**, Solfrizzi V, Greco A, Daniele A, Quaranta N, Seripa D, Bellomo A, Logroscino G, Panza F. Pharmacotherapy for the treatment of depression in patients with alzheimer's disease: a treatment-resistant depressive disorder. *Expert Opinion on Pharmacotherapy*, 2018 Jun;19(8):823-842; PMID: 29726758, DOI: 10.1080/14656566.2018.1471136.
215. 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.
216. Tutino V, De Nunzio V, Caruso MG, Bonfiglio C, Franco I, Mirizzi A, De Leonardis G, Cozzolongo R, Giannuzzi V, **Giannelli G**, Notarnicola M, Osella AR. Aerobic Physical Activity and a Low Glycemic Diet Reduce the AA/EPA Ratio in Red Blood Cell Membranes of Patients with NAFLD. *Nutrients*. 2018; 10 (9): 1299, PMID: 30217048, DOI: 10.3390/nu10091299.
217. Veronese N, Notarnicola M, Cisternino AM, Reddavid R, Inguaggiato R, Guerra V, Rotolo O, Zinzi I, Leandro G, Correale M, Tutino V, Misciagna G, Osella AR, Bonfiglio C, **Giannelli G**, Caruso MG for MICOL Group. Coffee Intake and Liver Steatosis: A Population Study in a Mediterranean Area. *Nutrients*, 2018 Jan 15;10(1):89; PMID: 29342916, DOI: 10.3390/nu10010089.
218. Veronese N, Solmi M, Caruso MG, **Giannelli G**, Osella AR, Evangelou E, Maggi S, Fontana L, Stubbs B, Tzoulaki I. Dietary fiber and health outcomes: an umbrella review of systematic reviews and meta-analyses. *American Journal of Clinical Nutrition*. 2018; 107 (3):436-444; PMID: 29566200, DOI: 10.1093/ajcn/nqx082.
219. Panza F, Lozupone M, Solfrizzi V, Sardone R, Dibello V, Di Lena L, D'Urso F, Stallone R, Petruzzi M, **Giannelli G**, Quaranta N, Bellomo A, Greco A, Daniele A, Seripa D, Logroscino G. Different Cognitive Frailty Models and Health- and Cognitive-related Outcomes in Older Age: From Epidemiology to Prevention. *Journal of Alzheimer's disease*. 2018; 62 (3):993-1012; PMID: 29562543, DOI: 10.3233/JAD-170963.
220. Solfrizzi V, Scafato E, Lozupone M, Seripa D, Schilardi A, Custodero C, Sardone R, Galluzzo L, Gandin C, Baldereschi M, Di Carlo A, Inzitari D, **Giannelli G**, Daniele A, Sabbà C, Logroscino G, Panza F. Biopsychosocial frailty and the risk of incident dementia: The Italian longitudinal study on aging. *Alzheimers & Dementia*, 2019 Aug;15(8):1019-1028; PMID: 31278052, DOI:

10.1016/j.jalz.2019.04.013.

221. Lozupone M, Panza F, Piccininni M, Copetti M, Sardone R, Imbimbo BP, Stella E, D'Urso F, Barulli MR, Battista P, Grasso A, Tortelli R, Capozzo R, Coppola F, Abbrescia DI, Bellomo A, **Giannelli G**, Quaranta N, Seripa D, Logroscino G. Social Dysfunction in Older Age and Relationships with Cognition, Depression, and Apathy. *Journal of Alzheimers Disease*, 2018;65(3):989-1000; PMID: 30103335, DOI: 10.3233/JAD-180466.
222. Zupo R, Castellana FS, Boninfante B, Lampignano L, Lattanzio A, Sardone R, **Giannelli G**, De Pergola G. Uric acid and potassium serum levels are independent predictors of blood pressure non-dipping in overweight or obese subjects. *Nutrients*, 2019 Dec 5;11(12):2970; PMID: 31817392, DOI: 10.3390/nu11122970.
223. Logroscino G, Imbimbo BP, Lozupone M, Sardone R, Capozzo R, Battista P, Zecca C, Dibello V, **Giannelli G**, Bellomo A, Greco A, Daniele A, Seripa D, Panza F. Promising therapies for the treatment of frontotemporal dementia clinical phenotypes: from symptomatic to disease-modifying drugs. *Expert Opinion on Pharmacotherapy*, 2019 Jun;20(9):1091-1107; PMID: 31002267, DOI: 10.1080/14656566.2019.1598377.
224. Panza F, Lozupone M, Sardone R, Battista P, Piccininni M, Dibello V, La Montagna M, Stallone R, Venezia P, Liguori A, **Giannelli G**, Bellomo A, Greco A, Daniele A, Seripa D, Quaranta N, Logroscino G. Sensorial frailty: age-related hearing loss and the risk of cognitive impairment and dementia in later life. *Therapeutic Advances in Chronic Disease*, 2018 Nov 9;10:2040622318811000; PMID: 31452865, DOI: 10.1177/2040622318811000.
225. Lozupone M, La Montagna M, D'Urso F, Piccininni C, Rinaldi A, Beghi M, Cornaggia CM, Sardone R, Solfrizzi V, Daniele A, Seripa D, **Giannelli G**, Bellomo A, Panza F. The Challenge of Antidepressant Therapeutics in Alzheimer's Disease. *Advances in Experimental Medicine and Biology*, 2020;1260:267-281; PMID: 32304037; DOI: 10.1007/978-3-030-42667-5_10.
226. 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.
227. 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.
228. De Pergola G, Zupo R, Lampignano L, Bonfiglio C, **Giannelli G**, Osella AR, Triggiani V. Higher Body Mass Index, Uric Acid Levels, and Lower Cholesterol Levels Are Associated with Greater Weight Loss. *Endocrine, Metabolic & Immune Disorders-Drug Targets*, 2020;20(8):1268-1281; PMID: 32351190, DOI: 10.2174/1871530320666200429235830.
229. 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.genhosppsych.2020.03.004.

230. 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.
231. 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 Coxsackieviruses: retrospective study in an Italian population. *Journal of Medical Virology*, 2020 May 30; PMID: 32531866, DOI: 10.1002/jmv.26096.
232. 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.
233. 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.
234. 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.
235. 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. *Nutr Neurosci*. 2022 Jun;25(6):1231-1239. doi: 10.1080/1028415X.2020.1846357. Epub 2020 Dec 9. PMID: 33297884.
236. Lozupone M, La Montagna M, Di Gioia I, Sardone R, Resta E, Daniele A, **Giannelli G**, Bellomo A, Panza F. Social Frailty in the COVID-19 Pandemic Era. *Front Psychiatry*. 2020 Nov 3;11:577113. doi: 10.3389/fpsy.2020.577113. PMID: 33240129; PMCID: PMC7669751.
237. Sanese P, Fasano C, Buscemi G, Bottino C, Corbetta S, Fabini E, Silvestri V, Valentini V, Disciglio V, Forte G, Lepore Signorile M, 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. doi: 10.1016/j.isci.2020.101604. PMID: 33205017; PMCID: PMC7648160.
238. Dituri F, Scialpi R, Schmidt TA, Frusciante M, Mancarella S, Lupo LG, 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 Dis*. 2020 Nov 16;11(11):984. doi: 10.1038/s41419-020-03180-8. PMID: 33199679; PMCID: PMC7669886.
239. 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 cardio-metabolic risk factors in a cohort of patients with overweight or obesity. *PLoS One*. 2020 Nov 5;15(11):e0241841. doi: 10.1371/journal.pone.0241841. PMID: 33152746; PMCID: PMC7644056.

240. 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. *Front Endocrinol (Lausanne)*. 2020 Sep 29;11:565065. doi: 10.3389/fendo.2020.565065. PMID: 33117281; PMCID: PMC7553046.
241. 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. doi: 10.3390/nu12103173. PMID: 33081337; PMCID: PMC7603040.
242. Bisceglie F, Degola F, Rogolino D, **Giannelli G**, Orsoni N, Spadola G, Pioli M, Restivo FM, Carcelli M, Pelosi G. Sisters in structure but different in character, some benzaldehyde and cinnamaldehyde derivatives differentially tune *Aspergillus flavus* secondary metabolism. *Sci Rep*. 2020 Oct 19;10(1):17686. doi: 10.1038/s41598-020-74574-z. PMID: 33077881; PMCID: PMC7572373.
243. 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 (Basel)*. 2020 Oct 1;8(4):377. doi: 10.3390/healthcare8040377. PMID: 33019563; PMCID: PMC7711761.
244. Zaccaroni M, Massolo A, Beani L, Seta DD, Farabollini F, **Giannelli G**, Fusani L, Dessì-Fulgheri F. Developmental exposure to low levels of ethinylestradiol affects social play in juvenile male rats. *Toxicol Res*. 2020 Feb 7;36(4):301-310. doi: 10.1007/s43188-019-00035-z. PMID: 33005589; PMCID: PMC7494694.
245. Zupo R, Castellana F, Sardone R, Sila A, Giagulli VA, Triggiani V, Cincione RI, **Giannelli G**, De Pergola G. Preliminary Trajectories in Dietary Behaviors during the COVID-19 Pandemic: A Public Health Call to Action to Face Obesity. *Int J Environ Res Public Health*. 2020 Sep 27;17(19):7073. doi:10.3390/ijerph17197073. PMID: 32992623; PMCID: PMC7579065.
246. Zupo R, Castellana F, Sardone R, Scicchitano P, Lampignano L, Ciccone M, 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 Res Clin Pract*. 2020 Nov;169:108436. doi: 10.1016/j.diabres.2020.108436. Epub 2020 Sep 14. PMID:32941960.
247. Sardone R, Castellana F, Bortone I, Lampignano L, Zupo R, Lozupone M, Griseta C, Dibello V, Seripa D, Guerra V, Donghia R, Logroscino G, Solfrizzi V, Quaranta N, Ferrucci L, **Giannelli G**, Panza F. Association Between Central and Peripheral Age-Related Hearing Loss and Different Frailty Phenotypes in an Older Population in Southern Italy. *JAMA Otolaryngol Head Neck Surg*. 2021 Jun 1;147(6):561-571. doi: 10.1001/jamaoto.2020.5334. PMID: 33570584; PMCID: PMC7879383.
248. Castellana F, Lampignano L, Bortone I, Zupo R, Lozupone M, Griseta C, Daniele A, De Pergola

G, **Giannelli G**, Sardone R, Panza F. Physical Frailty, Multimorbidity, and All-Cause Mortality in an Older Population From Southern Italy: Results from the Salus in Apulia Study. *J Am Med Dir Assoc*. 2021 Mar;22(3):598-605. doi: 10.1016/j.jamda.2020.12.026. Epub 2021 Jan 23. PMID: 33493467

249. Zupo R, Griseta C, Battista P, Donghia R, Guerra V, Castellana F, Lampignano L, Bortone I, Lozupone M, **Giannelli G**, De Pergola G, Boeing H, Sardone R, Panza F. Role of plant-based diet in late-life cognitive decline: results from the Salus in Apulia Study. *Nutr Neurosci*. 2022 Jun;25(6):1300-1309. doi: 10.1080/1028415X.2020.1853416. Epub 2021 Jan 15. PMID: 33448914.
250. 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-sss-vc/MMAF, an HER-3 targeting antibody-drug conjugate displays antitumor activity in liver cancer. *Oncol Rep*. 2021 Feb;45(2):776-785. doi: 10.3892/or.2020.7893. Epub 2020 Dec 9. PMID: 33416143.
251. Galati S, Gullì M, **Giannelli G**, Furini A, DalCorso G, Fragni R, Buschini A, Visioli G. Heavy metals modulate DNA compaction and methylation at CpG sites in the metal hyperaccumulator *Arabidopsis halleri*. *Environ Mol Mutagen*. 2021 Feb;62(2):133-142. doi: 10.1002/em.22421. Epub 2021 Jan 8. PMID: 33389774.
252. Lampignano L, Zupo R, Donghia R, Guerra V, Castellana F, Murro I, Di Noia C, Sardone R, **Giannelli G**, Triggiani V, De Pergola G. Relationship Among Adherence to the Mediterranean Diet and Anthropometric and Metabolic Parameters in Subjects with Obesity. *Endocr Metab Immune Disord Drug Targets*. 2021;21(9):1613-1619. doi: 10.2174/187153032099920111161220. PMID: 33183214.
253. Lozupone M, Sardone R, Donghia R, D'Urso F, Piccininni C, Battista P, Di Gioia I, Resta E, Castellana F, Lampignano L, Zupo R, Bortone I, Guerra V, Griseta C, Seripa D, Solfrizzi V, **Giannelli G**, Quaranta N, Logroscino G, Bellomo A, Panza F. Late-onset depression is associated to age-related central auditory processing disorder in an older population in Southern Italy. *Geroscience*. 2021 Apr;43(2):1003-1014. doi: 10.1007/s11357-020-00290-1. Epub 2020 Oct 31. PMID: 33128133; PMCID: PMC8110676.
254. Sardone R, Sborgia G, Niro A, Giuliani G, Pascale A, Puzo P, Guerra V, Castellana F, Lampignano L, Donghia R, Bortone I, Zupo R, Griseta C, Logroscino G, Lozupone M, **Giannelli G**, Panza F, Boscia F, Alessio G, Quaranta N. Retinal Vascular Density on Optical Coherence Tomography Angiography and Age-Related Central and Peripheral Hearing Loss in a Southern Italian Older Population. *J Gerontol A Biol Sci Med Sci*. 2021 Nov 15;76(12):2169-2177. doi: 10.1093/gerona/glaa269. PMID: 33064801.
255. 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. doi: 10.3390/nu12103097. PMID: 33053620; PMCID: PMC7600964.
256. Castellana M, Procino F, Biacchi E, Zupo R, Lampignano L, Castellana F, Sardone R, Palermo A, Cesareo R, Trimboli P, **Giannelli G**. Roux-en-Y Gastric Bypass vs Sleeve Gastrectomy for Remission of Type 2 Diabetes. *J Clin Endocrinol Metab*. 2021 Mar 8;106(3):922-933. doi: 10.1210/clinem/dgaa737. PMID: 33051679.

257. Lampignano L, Donghia R, Griseta C, Lagravinese G, Sciarra S, Zupo R, Castellana F, Bortone I, Guerra V, Tirelli S, De Nucci S, Tatoli R, Lozupone M, Sborgia G, Leo A, De Pergola G, **Giannelli G**, Panza F, Sardone R. Liver Health and Dementia in an Italian Older Population: Findings From the Salus in Apulia Study. *Front Aging Neurosci.* 2021 Dec 8;13:748888. doi:10.3389/fnagi.2021.748888. PMID: 34955810; PMCID: PMC8692772.
258. Lampignano L, Bortone I, Castellana F, Donghia R, Guerra V, Zupo R, De Pergola G, Di Masi M, **Giannelli G**, Lozupone M, Panza F, Boeing H, Sardone R. Impact of Different Operational Definitions of Sarcopenia on Prevalence in a Population-Based Sample: The Salus in Apulia Study. *Int J Environ Res Public Health.* 2021 Dec 9;18(24):12979. doi: 10.3390/ijerph182412979. PMID: 34948590; PMCID: PMC8700814.
259. Lacalamita A, Piccinno E, Scalavino V, Bellotti R, **Giannelli G**, Serino G. A Gene-Based Machine Learning Classifier Associated to the Colorectal Adenoma- Carcinoma Sequence. *Biomedicines.* 2021 Dec 17;9(12):1937. doi: 10.3390/biomedicines9121937. PMID: 34944753; PMCID: PMC8698794.
260. De Pergola G, Castellana F, Zupo R, De Nucci S, Panza F, Castellana M, Lampignano L, Di Chito M, Triggiani V, Sardone R, **Giannelli G**. A family history of type 2 diabetes as a predictor of fatty liver disease in diabetes-free individuals with excessive body weight. *Sci Rep.* 2021 Dec 16;11(1):24084. doi: 10.1038/s41598-021-03583-3. PMID: 34916558; PMCID: PMC8677812.
261. Piccinno E, Monteduro AG, Dituri F, Rizzato S, **Giannelli G**, Maruccio G. Validation of a Lab-on-Chip Assay for Measuring Sorafenib Effectiveness on HCC Cell Proliferation. *Int J Mol Sci.* 2021 Dec 3;22(23):13090. doi:10.3390/ijms222313090. PMID: 34884894; PMCID: PMC8658471.
262. Zupo R, Castellana F, De Nucci S, De Pergola G, Lozupone M, Bortone I, Castellana M, Sborgia G, Lampignano L, **Giannelli G**, Panza F, Sardone R. Liver Fibrosis and 8-Year All-Cause Mortality Trajectories in the Aging Cohort of the Salus in Apulia Study. *Biomedicines.* 2021 Nov 4;9(11):1617. doi:10.3390/biomedicines9111617. PMID: 34829846; PMCID: PMC8615636.
263. Zupo R, Castellana F, De Nucci S, Dibello V, Lozupone M, **Giannelli G**, De Pergola G, Panza F, Sardone R, Boeing H. Beverages Consumption and Oral Health in the Aging Population: A Systematic Review. *Front Nutr.* 2021 Oct 27;8:762383. doi: 10.3389/fnut.2021.762383. PMID: 34778347; PMCID: PMC8579113
264. Dituri F, Mancarella S, Serino G, Chaoul N, Lupo LG, Villa E, Fabregat I, **Giannelli G**. Direct and Indirect Effect of TGF β on Treg Transendothelial Recruitment in HCC Tissue Microenvironment. *Int J Mol Sci.* 2021 Oct 29;22(21):11765. doi: 10.3390/ijms222111765. PMID: 34769191; PMCID: PMC8583957.
265. Castellana M, Donghia R, Lampignano L, Castellana F, Zupo R, Sardone R, Pergola G, **Giannelli G**. Prevalence of the Absence of Cirrhosis in Subjects with NAFLD-Associated Hepatocellular Carcinoma. *J Clin Med.* 2021 Oct 9;10(20):4638. doi: 10.3390/jcm10204638. PMID: 34682759; PMCID: PMC8539355.
266. Scavo MP, Rizzi F, Depalo N, Armentano R, Coletta S, Serino G, Fanizza E, Pesole PL, Cervellera A, Carella N, Curri ML, **Giannelli G**. Exosome Released FZD10 Increases Ki-67 Expression *via* Phospho-ERK1/2 in Colorectal and Gastric Cancer. *Front Oncol.* 2021

Sep 23;11:730093. doi: 10.3389/fonc.2021.730093. PMID: 34671555; PMCID: PMC8522497..

267. Bianco A, Franco I, Osella AR, **Giannelli G**, Riezzo G, Bonfiglio C, Prospero L, Sorino P, Russo F. Physical Activity Reduction and the Worsening of Gastrointestinal Health Status during the Second COVID-19 Home Confinement in Southern Italy. *Int J Environ Res Public Health*. 2021 Sep 10;18(18):9554. Doi 10.3390/ijerph18189554. PMID: 34574477; PMCID: PMC8464817
268. Zupo R, Castellana F, Guerra V, Donghia R, Bortone I, Griseta C, Lampignano L, Dibello V, Lozupone M, Coelho-Júnior HJ, Solfrizzi V, **Giannelli G**, De Pergola G, Boeing H, Sardone R, Panza F. Associations between nutritional frailty and 8-year all-cause mortality in older adults: The Salus in Apulia Study. *J Intern Med*. 2021 Nov;290(5):1071-1082. doi: 10.1111/joim.13384. Epub 2021 Sep 10. PMID: 34437740.
269. Castellana M, Donghia R, Guerra V, Procino F, Castellana F, Zupo R, Lampignano L, Sardone R, De Pergola G, Romanelli F, Trimboli P, Giannelli G. Fibrosis-4 Index vs Nonalcoholic Fatty Liver Disease Fibrosis Score in Identifying Advanced Fibrosis in Subjects With Nonalcoholic Fatty Liver Disease: A Meta-Analysis. *Am J Gastroenterol*. 2021 Sep 1;116(9):1833-1841. doi: 10.14309/ajg.0000000000001337. PMID: 34160377.
270. **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 KA, Faivre S. Correction: Biomarkers and overall survival in patients with advanced hepatocellular carcinoma treated with TGF- β RI inhibitor galunisertib. *PLoS One*. 2021 Jun 17;16(6):e0253671. doi: 10.1371/journal.pone.0253671. Erratum for: *PLoS One*. 2020 Mar 25;15(3):e0222259. PMID: 34138968; PMCID: PMC8211152.
271. Soukupova J, Malfettone A, Bertran E, Hernández-Alvarez MI, Peñuelas-Haro I, Dituri F, **Giannelli G**, Zorzano A, Fabregat I. Epithelial-Mesenchymal Transition (EMT) Induced by TGF- β in Hepatocellular Carcinoma Cells Reprograms Lipid Metabolism. *Int J Mol Sci*. 2021 May 24;22(11):5543. doi: 10.3390/ijms22115543. PMID: 34073989; PMCID: PMC8197297.
272. Monno R, **Giannelli G**, Fumarola L. Clinical and epidemiological aspects of sporotrichosis: an overview of the cases reported in Europe and in Italy. *Infez Med*. 2021 Jun 1;29(2):191-198. PMID: 34061783.
273. Lampignano L, Quaranta N, Bortone I, Tirelli S, Zupo R, Castellana F, Donghia R, Guerra V, Griseta C, Pesole PL, Chieppa M, Logroscino G, Lozupone M, Cisternino AM, De Pergola G, Panza F, **Giannelli G**, Boeing H, Sardone R. Dietary Habits and Nutrient Intakes Are Associated to Age-Related Central Auditory Processing Disorder in a Cohort From Southern Italy. *Front Aging Neurosci*. 2021 May 6;13:629017. doi: 10.3389/fnagi.2021.629017. PMID: 34025388; PMCID: PMC8134698
274. Veronese N, Smith L, Barbagallo M, **Giannelli G**, Caruso MG, Cisternino AM, Notarnicola M, Cao C, Waldhoer T, Yang L. Neurological diseases and COVID-19: prospective analyses using the UK Biobank. *Acta Neurol Belg*. 2021 Oct;121(5):1295-1303. doi: 10.1007/s13760-021-01693-3. Epub 2021 May 5. PMID: 33954931; PMCID: PMC8098789.
275. Castellana M, Donghia R, Guerra V, Procino F, Lampignano L, Castellana F, Zupo R, Sardone R, De Pergola G, Romanelli F, Trimboli P, **Giannelli G**. Performance of Fatty Liver Index in Identifying Non-Alcoholic Fatty Liver Disease in Population Studies. A Meta-Analysis. *J Clin*

Med. 2021 Apr 26;10(9):1877. doi: 10.3390/jcm10091877. PMID: 33925992; PMCID: PMC8123596.

276. Zupo R, Castellana F, Panza F, Castellana M, Lampignano L, Cincione RI, Triggiani V, **Giannelli G**, Dibello V, Sardone R, De Pergola G. Non Alcoholic Fatty Liver Disease Is Positively Associated with Increased Glycated Haemoglobin Levels in Subjects without Diabetes. *J Clin Med*. 2021 Apr 15;10(8):1695. doi: 10.3390/jcm10081695. PMID: 33920792; PMCID: PMC8071132. 42: Bortone I, Griseta C, Battista P, Castellana F, Lampignano L, Zupo R, Sborgia G, Lozupone M, Moretti B, **Giannelli G**, Sardone R, Panza F. Physical and cognitive profiles in motoric cognitive risk syndrome in an older population from Southern Italy. *Eur J Neurol*. 2021 Aug;28(8):2565-2573. doi: 10.1111/ene.14882. Epub 2021 May 14. PMID: 33899997.
277. Lepore Signorile M, Grossi V, Di Franco S, Forte G, Disciglio V, Fasano C, Sanese P, De Marco K, Susca FC, Mangiapane LR, Nicotra A, Di Carlo G, Dituri F, **Giannelli G**, Ingravallo G, Canettieri G, Stassi G, Simone C. Pharmacological targeting of the novel β -catenin chromatin-associated kinase p38 α in colorectal cancer stem cell tumorspheres and organoids. *Cell Death Dis*. 2021 Mar 25;12(4):316. doi: 10.1038/s41419-021-03572-4. PMID: 33767160; PMCID: PMC7994846.
278. Antenzio ML, **Giannelli G**, Marabottini R, Brunetti P, Allevato E, Marzi D, Capobianco G, Bonifazi G, Serranti S, Visioli G, Stazi SR, Cardarelli M. hytoextraction efficiency of *Pteris vittata* grown on a naturally As-rich soil and characterization of As-resistant rhizosphere bacteria. *Sci Rep*. 2021 Mar 24;11(1):6794. doi: 10.1038/s41598-021-86076-7. PMID: 33762609; PMCID: PMC7990962.
279. Bortone I, Sardone R, Lampignano L, Castellana F, Zupo R, Lozupone M, Moretti B, **Giannelli G**, Panza F. How gait influences frailty models and health- related outcomes in clinical-based and population-based studies: a systematic review. *J Cachexia Sarcopenia Muscle*. 2021 Apr;12(2):274-297. doi: 10.1002/jcsm.12667. Epub 2021 Feb 16. PMID: 33590975; PMCID: PMC8061366.
280. Iacobazzi RM, Vischio F, Arduino I, Canepa F, Laquintana V, Notarnicola M, Scavo MP, Bianco G, Fanizza E, Lopedota AA, Cutrignelli A, Lopalco A, Azzariti A, Curri ML, Franco M, **Giannelli G**, Lee BC, Depalo N, Denora N. Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. *J Colloid Interface Sci*. 2022 Feb 15;608(Pt 1):239-254. doi: 10.1016/j.jcis.2021.09.174. Epub 2021 Sep 29. PMID: 34626971
281. Zupo R, Castellana F, Donghia R, Lampignano L, Guerra V, De Pergola G, Lozupone M, Bortone I, De Nucci S, Tatoli R, Tirelli S, Sborgia G, **Giannelli G**, Panza F, Sardone R. Liver frailty and all-cause mortality in the older participants of the Salus in Apulia Study. *Geroscience*. 2022 Apr;44(2):835-845. doi: 10.1007/s11357-021-00434-x. Epub 2021 Aug 11. PMID: 34378088; PMCID: PMC9135911
282. Cigliano A, Zhang S, Ribback S, Steinmann S, Sini M, Ament CE, Utpatel K, Song X, Wang J, Pilo MG, Berger F, Wang H, Tao J, Li X, Pes GM, Mancarella S, **Giannelli G**, Dombrowski F, Evert M, Calvisi DF, Chen X, Evert K. The Hippo pathway effector TAZ induces intrahepatic cholangiocarcinoma in mice and is ubiquitously activated in the human disease. *J Exp Clin Cancer Res*. 2022 Jun 3;41(1):192. doi: 10.1186/s13046-022-02394-2. PMID: 35655220; PMCID: PMC9164528.

283. Spadola G, **Giannelli G**, Magagnoli S, Lanzoni A, Albertini M, Nicoli R, Ferrari R, Burgio G, Restivo FM, Degola F. Validation and Ecological Niche Investigation of a New Fungal Intraspecific Competitor as a Biocontrol Agent for the Sustainable Containment of Aflatoxins on Maize Fields. *J Fungi (Basel)*. 2022 Apr 21;8(5):425. doi: 10.3390/jof8050425. PMID: 35628681; PMCID: PMC9147465.
284. Scalavino V, Piccinno E, Bianco G, Schena N, Armentano R, **Giannelli G**, Serino G. The Increase of miR-195-5p Reduces Intestinal Permeability in Ulcerative Colitis, Modulating Tight Junctions' Expression. *Int J Mol Sci*. 2022 May 23;23(10):5840. doi: 10.3390/ijms23105840. PMID: 35628650; PMCID: PMC9147977.
285. Carrieri L, Osella AR, Ciccacci F, **Giannelli G**, Scavo MP. Premenopausal Syndrome and NAFLD: A New Approach Based on Gender Medicine. *Biomedicines*. 2022 May 20;10(5):1184. doi: 10.3390/biomedicines10051184. PMID: 35625920; PMCID: PMC9138606.
286. Calabrese FM, Disciglio V, Franco I, Sorino P, Bonfiglio C, Bianco A, Campanella A, Lippolis T, Pesole PL, Polignano M, Vacca M, Caponio GR, **Giannelli G**, De Angelis M, Osella AR. A Low Glycemic Index Mediterranean Diet Combined with Aerobic Physical Activity Rearranges the Gut Microbiota Signature in NAFLD Patients. *Nutrients*. 2022 Apr 23;14(9):1773. doi: 10.3390/nu14091773. PMID: 35565740; PMCID: PMC9101735.
287. D'Alessandro R, Refolo MG, Schirizzi A, De Leonardis G, Donghia R, Guerra V, **Giannelli G**, Lolli IR, Laterza MM, De Vita F, Messa C, Lotesoriere C. Variations in Circulating Levels of Angiopoietin-2 Over Time Are Predictive of Ramucirumab- Paclitaxel Therapy Outcome in Advanced Gastric Cancer: Results of Prospective Study. *Frnt Oncol*. 2022 Apr 6;12:862116. doi: 10.3389/fonc.2022.862116. PMID: 35463372; PMCID: PMC9019360.
288. Russo F, Riezzo G, Orlando A, Linsalata M, D'Attoma B, Prospero L, Ignazzi A, **Giannelli G**. A Comparison of the Low-FODMAPs Diet and a Tritordeum-Based Diet on the Gastrointestinal Symptom Profile of Patients Suffering from Irritable Bowel Syndrome-Diarrhea Variant (IBS-D): A Randomized Controlled Trial. *Nutrients*. 2022 Apr 8;14(8):1544. doi: 10.3390/nu14081544. PMID: 35458106; PMCID: PMC9027989
289. Mancarella S, Serino G, Coletta S, Armentano R, Dituri F, Ardito F, Ruzzenente A, Fabregat I, **Giannelli G**. The Tumor Microenvironment Drives Intrahepatic Cholangiocarcinoma Progression. *Int J Mol Sci*. 2022 Apr 10;23(8):4187. doi: 10.3390/ijms23084187. PMID: 35457006; PMCID: PMC9032805. 9: Dituri F, Gigante G, Scialpi R, Mancarella S, Fabregat I, **Giannelli G**. Proteoglycans in Cancer: Friends or Enemies? A Special Focus on Hepatocellular Carcinoma. *Cancers (Basel)*. 2022 Apr 9;14(8):1902. doi: 10.3390/cancers14081902. PMID: 35454809; PMCID: PMC9024587.
290. Scalavino V, Piccinno E, Lacalamita A, Tafaro A, Armentano R, **Giannelli G**, Serino G. miR-195-5p Regulates Tight Junctions Expression via Claudin-2 Downregulation in Ulcerative Colitis. *Biomedicines*. 2022 Apr 16;10(4):919. doi: 10.3390/biomedicines10040919. PMID: 35453669; PMCID: PMC9029592.
291. Tatoli R, Lampignano L, Donghia R, Castellana F, Zupo R, Bortone I, De Nucci S, Campanile G, Lofù D, Vimercati L, Lozupone M, De Pergola G, Panza F, **Giannelli G**, Di Noia T, Boeing H, Sardone R. Dietary Customs and Social Deprivation in an Aging Population From Southern Italy: A Machine Learning Approach. *Front Nutr*. 2022 Mar 7;9:811076. doi:

10.3389/fnut.2022.811076. PMID: 35340551; PMCID: PMC8942783.

292. Scavo MP, Depalo N, Rizzi F, Carrieri L, Serino G, Franco I, Bonfiglio C, Pesole PL, Cozzolongo R, Gianuzzi V, Curri ML, Osella AR, **Giannelli G**. Exosomal FZD-7 Expression Is Modulated by Different Lifestyle Interventions in Patients with NAFLD. *Nutrients*. 2022 Mar 8;14(6):1133. doi: 10.3390/nu14061133. PMID: 35334792; PMCID: PMC8950750.
293. Caponio GR, Noviello M, Calabrese FM, Gambacorta G, **Giannelli G**, De Angelis M. Effects of Grape Pomace Polyphenols and In Vitro Gastrointestinal Digestion on Antimicrobial Activity: Recovery of Bioactive Compounds. *Antioxidants (Basel)*. 2022 Mar 16;11(3):567. doi: 10.3390/antiox11030567. PMID: 35326217; PMCID: PMC8944823.
294. Russo F, Riezzo G, Linsalata M, Orlando A, Tutino V, Prospero L, D'Attoma B, **Giannelli G**. Managing Symptom Profile of IBS-D Patients With Tritordeum-Based Foods: Results From a Pilot Study. *Front Nutr*. 2022 Feb 15;9:797192. doi: 10.3389/fnut.2022.797192. PMID: 35242794; PMCID: PMC8886127
295. Mancarella S, Serino G, Gigante I, Cigliano A, Ribback S, Sanese P, Grossi V, Simone C, Armentano R, Evert M, Calvisi DF, **Giannelli G**. CD90 is regulated by notch1 and hallmarks a more aggressive intrahepatic cholangiocarcinoma phenotype. *J Exp Clin Cancer Res*. 2022 Feb 16;41(1):65. doi: 10.1186/s13046-022-02283-8. PMID: 35172861; PMCID: PMC8851853.
296. Lampignano L, Sardone R, D'Urso F, Altamura M, Piccininni C, Griseta C, Bortone I, Castellana F, Zupo R, Donghia R, Guerra V, Resta E, Cisternino A, Caruso MG, Daniele A, De Pergola G, Bellomo A, Boeing H, **Giannelli G**, Panza F, Lozupone M. Processed meat consumption and the risk of incident late-onset depression: a 12-year follow-up of the Salus in Apulia Study. *Age Ageing*. 2022 Feb 2;51(2):afab257. doi: 10.1093/ageing/afab257. PMID: 35134842.
297. Lampignano L, Donghia R, Sila A, Bortone I, Tatoli R, De Nucci S, Castellana F, Zupo R, Tirelli S, Giannoccaro V, Guerra V, Panza F, Lozupone M, Mastronardi M, De Pergola G, **Giannelli G**, Sardone R. Mediterranean Diet and Fatty Liver Risk in a Population of Overweight Older Italians: A Propensity Score-Matched Case- Cohort Study. *Nutrients*. 2022 Jan 7;14(2):258. doi: 10.3390/nu14020258. PMID: 35057439; PMCID: PMC8779579.
298. **Giannelli G**, Bisceglie F, Pelosi G, Bonati B, Cardarelli M, Antenzio ML, Degola F, Visioli G. Phyto-Beneficial Traits of Rhizosphere Bacteria: In Vitro Exploration of Plant Growth Promoting and Phytopathogen Biocontrol Ability of Selected Strains Isolated from Harsh Environments. *Plants (Basel)*. 2022 Jan 17;11(2):230. doi: 10.3390/plants11020230. PMID: 35050118; PMCID: PMC8779669.
299. Tatoli R, Lampignano L, Donghia R, Castellana F, Zupo R, Bortone I, De Nucci S, Campanile G, Lofù D, Vimercati L, Lozupone M, De Pergola G, Panza F, **Giannelli G**, Di Noia T, Boeing H, Sardone R. Dietary Customs and Social Deprivation in an Aging Population From Southern Italy: A Machine Learning Approach. *Front Nutr*. 2022 Mar 7;9:811076. doi: 10.3389/fnut.2022.811076. Erratum in: *Front Nutr*. 2023 Mar 31;10:1186961. PMID: 35340551; PMCID: PMC8942783.
300. Scalavino V, Piccinno E, Lacalamita A, Tafaro A, Armentano R, **Giannelli G**, Serino G. miR-195-5p Regulates Tight Junctions Expression via Claudin-2 Downregulation in Ulcerative Colitis. *Biomedicines*. 2022 Apr 16;10(4):919. doi: 10.3390/biomedicines10040919. PMID:

35453669; PMCID: PMC9029592.

301. Dituri F, Gigante G, Scialpi R, Mancarella S, Fabregat I, **Giannelli G**. Proteoglycans in Cancer: Friends or Enemies? A Special Focus on Hepatocellular Carcinoma. *Cancers (Basel)*. 2022 Apr 9;14(8):1902. doi: 10.3390/cancers14081902. PMID: 35454809; PMCID: PMC9024587.
302. Mancarella S, Serino G, Coletta S, Armentano R, Dituri F, Ardito F, Ruzzenente A, Fabregat I, **Giannelli G**. The Tumor Microenvironment Drives Intrahepatic Cholangiocarcinoma Progression. *Int J Mol Sci*. 2022 Apr 10;23(8):4187. doi: 10.3390/ijms23084187. PMID: 35457006; PMCID: PMC9032805.
303. Russo F, Riezzo G, Orlando A, Linsalata M, D'Attoma B, Prospero L, Ignazzi A, **Giannelli G**. A Comparison of the Low-FODMAPs Diet and a Tritordeum-Based Diet on the Gastrointestinal Symptom Profile of Patients Suffering from Irritable Bowel Syndrome-Diarrhea Variant (IBS-D): A Randomized Controlled Trial. *Nutrients*. 2022 Apr 8;14(8):1544. doi: 10.3390/nu14081544. PMID: 35458106; PMCID: PMC9027989.
304. D'Alessandro R, Refolo MG, Schirizzi A, De Leonardis G, Donghia R, Guerra V, **Giannelli G**, Lolli IR, Laterza MM, De Vita F, Messa C, Lotesoriere C. Variations in Circulating Levels of Angiopoietin-2 Over Time Are Predictive of Ramucirumab- Paclitaxel Therapy Outcome in Advanced Gastric Cancer: Results of Prospective Study. *Front Oncol*. 2022 Apr 6;12:862116. doi: 10.3389/fonc.2022.862116. Erratum in: *Front Oncol*. 2023 Apr 14;13:1187014. PMID: 35463372; PMCID: PMC9019360.
305. Calabrese FM, Disciglio V, Franco I, Sorino P, Bonfiglio C, Bianco A, Campanella A, Lippolis T, Pesole PL, Polignano M, Vacca M, Caponio GR, **Giannelli G**, De Angelis M, Osella AR. A Low Glycemic Index Mediterranean Diet Combined with Aerobic Physical Activity Rearranges the Gut Microbiota Signature in NAFLD Patients. *Nutrients*. 2022 Apr 23;14(9):1773. doi: 10.3390/nu14091773. PMID: 35565740; PMCID: PMC9101735.
306. Carrieri L, Osella AR, Ciccacci F, **Giannelli G**, Scavo MP. Premenopausal Syndrome and NAFLD: A New Approach Based on Gender Medicine. *Biomedicines*. 2022 May 20;10(5):1184. doi: 10.3390/biomedicines10051184. PMID: 35625920; PMCID: PMC9138606.
307. Scalavino V, Piccinno E, Bianco G, Schena N, Armentano R, **Giannelli G**, Serino G. The Increase of miR-195-5p Reduces Intestinal Permeability in Ulcerative Colitis, Modulating Tight Junctions' Expression. *Int J Mol Sci*. 2022 May 23;23(10):5840. doi: 10.3390/ijms23105840. PMID: 35628650; PMCID: PMC9147977.
308. Spadola G, **Giannelli G**, Magagnoli S, Lanzoni A, Albertini M, Nicoli R, Ferrari R, Burgio G, Restivo FM, Degola F. Validation and Ecological Niche Investigation of a New Fungal Intraspecific Competitor as a Biocontrol Agent for the Sustainable Containment of Aflatoxins on Maize Fields. *J Fungi (Basel)*. 2022 Apr 21;8(5):425. doi: 10.3390/jof8050425. PMID: 35628681; PMCID: PMC9147465.
309. Cigliano A, Zhang S, Ribback S, Steinmann S, Sini M, Ament CE, Utpatel K, Song X, Wang J, Pilo MG, Berger F, Wang H, Tao J, Li X, Pes GM, Mancarella S, **Giannelli G**, Dombrowski F, Evert M, Calvisi DF, Chen X, Evert K. The Hippo pathway effector TAZ induces intrahepatic cholangiocarcinoma in mice and is ubiquitously activated in the human disease. *J Exp Clin Cancer Res*. 2022 Jun 3;41(1):192. doi: 10.1186/s13046-022-02394-2. Erratum in: *J*

310. Vacca M, Porrelli A, Calabrese FM, Lippolis T, Iacobellis I, Celano G, Pinto D, Russo F, **Giannelli G**, De Angelis M. How Metabolomics Provides Novel Insights on Celiac Disease and Gluten-Free Diet: A Narrative Review. *Front Microbiol.* 2022 Jun 23;13:859467. doi: 10.3389/fmicb.2022.859467. PMID: 35 814671; PMCID: PMC9260055.
311. Shahini E, Pasculli G, Mastropietro A, Stolfi P, Tieri P, Vergni D, Cozzolongo R, Pesce F, **Giannelli G**. Network Proximity-Based Drug Repurposing Strategy for Early and Late Stages of Primary Biliary Cholangitis. *Biomedicines.* 2022 Jul 13;10(7):1694. doi: 10.3390/biomedicines10071694. PMID: 35884999; PMCID: PMC9312896
312. Labarile N, Castellana F, Sila A, Pesole PL, Coletta S, Curlo M, Sardone R, **Giannelli G**, Mastronardi M. Effects of Different Biological Therapies on S1/S2 Antibody Response to SARS-CoV-2 Vaccination in a Cohort of Patients with Inflammatory Bowel Disease. *Vaccines (Basel).* 2022 Jul 4;10(7):1077. doi: 10.3390/vaccines10071077. PMID: 35891241; PMCID: PMC9322472.
313. Dibello V, Zupo R, Sardone R, Lozupone M, Castellana F, Dibello A, Daniele A, De Pergola G, Bortone I, Lampignano L, **Giannelli G**, Panza F. Oral frailty and its determinants in older age: a systematic review. *Lancet Healthy Longev.* 2021 Aug;2(8):e507-e520. doi: 10.1016/S2666-7568(21)00143-4. PMID: 36098000.
314. Lasagni S, Leonardi F, Pivetti A, Di Marco L, Ravaioli F, Serenari M, Gitto S, Critelli RM, Milosa F, Romanzi A, Mancarella S, Dituri F, Riefolo M, Catellani B, Magistri P, Romagnoli D, Celsa C, Enea M, de Maria N, Schepis F, Colecchia A, Cammà C, Cescon M, d'Errico A, di Benedetto F, **Giannelli G**, Martinez-Chantar ML, Villa E. Endothelial angiopoietin-2 overexpression in explanted livers identifies subjects at higher risk of recurrence of hepatocellular carcinoma after liver transplantation. *Front Oncol.* 2022 Sep 8;12:960808. doi: 10.3389/fonc.2022.960808. PMID: 36158651; PMCID: PMC9493368.
315. De Nucci S, Castellana F, Zupo R, Lampignano L, Di Chito M, Rinaldi R, Giannuzzi V, Cozzolongo R, Piazzolla G, **Giannelli G**, Sardone R, De Pergola G. Associations between serum biomarkers and non-alcoholic liver disease: Results of a clinical study of Mediterranean patients with obesity. *Front Nutr.* 2022 Sep 8;9:1002669. doi: 10.3389/fnut.2022.1002669. Erratum in: *Front Nutr.* 2023 May 04;10:1198144. PMID: 36159489; PMCID: PMC9493452.
316. Lepore Signorile M, Grossi V, Fasano C, Forte G, Disciglio V, Sanese P, De Marco K, La Rocca F, Armentano R, Valentini AM, **Giannelli G**, Simone C. c-MYC Protein Stability Is Sustained by MAPKs in Colorectal Cancer. *Cancers (Basel).* 2022 Oct 4;14(19):4840. doi: 10.3390/cancers14194840. PMID: 36230763; PMCID: PMC9562641.
317. Zupo R, Sila A, Castellana F, Bringiotti R, Curlo M, De Pergola G, De Nucci S, **Giannelli G**, Mastronardi M, Sardone R. Prevalence of Zinc Deficiency in Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis. *Nutrients.* 2022 Sep 29;14(19):4052. doi: 10.3390/nu14194052. PMID: 36235709; PMCID: PMC9572015.
318. Critelli RM, Milosa F, Romanzi A, Lasagni S, Marcelli G, Di Marco L, Pivetti A, Schepis F,

Romagnoli D, Mancarella S, Dituri F, Martinez-Chantar ML, **Giannelli G**, Villa E. Upregulation of the oestrogen target gene SIX1 is associated with higher growth speed and decreased survival in HCV-positive women with hepatocellular carcinoma. *Oncol Lett.* 2022 Sep 21;24(5):395. doi: 10.3892/ol.2022.13515. PMID: 36276500; PMCID: PMC9533365.

319. Caponio GR, Cofano M, Lippolis T, Gigante I, De Nunzio V, Difonzo G, Noviello M, Tarricone L, Gambacorta G, **Giannelli G**, De Angelis M, Notarnicola M. Anti-Proliferative and Pro-Apoptotic Effects of Digested Aglianico Grape Pomace Extract in Human Colorectal Cancer Cells. *Molecules.* 2022 Oct 11;27(20):6791. doi: 10.3390/molecules27206791. PMID: 36296379; PMCID: PMC9611208.
320. Galati S, DalCorso G, Furini A, Fragni R, Maccari C, Mozzoni P, **Giannelli G**, Buschini A, Visioli G. DNA methylation is enhanced during Cd hyperaccumulation in *Noccaea caerulea* ecotype Ganges. *Environ Sci Pollut Res Int.* 2023 Feb;30(10):26178-26190. doi: 10.1007/s11356-022-23983-w. Epub 2022 Nov 10. PMID: 36352075; PMCID: PMC9995422.
321. Mazzei A, Serino G, Romano A, Piccinno E, Scalavino V, Valentini AM, Armentano R, Schiavone R, **Giannelli G**, Verri T, Barca A. Identification of *SLC15A4/PHT1* Gene Products Upregulation Marking the Intestinal Epithelial Monolayer of Ulcerative Colitis Patients. *Int J Mol Sci.* 2022 Oct 29;23(21):13170. doi: 10.3390/ijms232113170. PMID: 36361959; PMCID: PMC9658943.
322. Caponio GR, Celano G, Calabrese FM, Riezzo G, Orlando A, D'Attoma B, Ignazzi A, Vacca M, Porrelli A, Tutino V, De Angelis M, **Giannelli G**, Russo F. Evaluation of the Effects of the Tritordeum-Based Diet Compared to the Low-FODMAPs Diet on the Fecal Metabolome of IBS-D Patients: A Preliminary Investigation. *Nutrients.* 2022 Nov 2;14(21):4628. doi: 10.3390/nu14214628. PMID: 36364888; PMCID: PMC9657445.
323. Scalavino V, Piccinno E, Valentini AM, Mastronardi M, Armentano R, **Giannelli G**, Serino G. A Novel Mechanism of Immunoproteasome Regulation via miR-369-3p in Intestinal Inflammatory Response. *Int J Mol Sci.* 2022 Nov 9;23(22):13771. D oi: 10.3390/ijms232213771. PMID: 36430249; PMCID: PMC9691197.
324. Mancarella S, Gigante I, Serino G, Pizzuto E, Dituri F, Valentini MF, Wang J, Chen X, Armentano R, Calvisi DF, **Giannelli G**. Crenigacestat blocking notch pathway reduces liver fibrosis in the surrounding ecosystem of intrahepatic CCA viaTGF- β inhibition. *J Exp Clin Cancer Res.* 2022 Nov 28;41(1):331. doi: 10.1186/s13046-022-02536-6. PMID: 36443822; PMCID: PMC9703776.
325. Polignano MG, Pasculli G, Trisolini P, Di Lorenzo MA, Dalfino G, **Giannelli G**. Economic impact of industry-sponsored clinical trials in inflammatory bowel diseases: Results from the national institute of gastroenterology "Saverio de Bellis". *Front Pharmacol.* 2022 Nov 22;13:1027760. doi:10.3389/fphar.2022.1027760. PMID: 36483744; PMCID: PMC9723131.
326. Tatoli R, Tirelli S, Lampignano L, Castellana F, Bortone I, Zupo R, Sborgia G, Lozupone M, Panza F, **Giannelli G**, Quaranta N, Boeing H, Sardone R. Liver Fibrosis and Hearing Loss in an Older Mediterranean Population: Results from the Salus in Apulia Study. *J Clin Med.* 2022 Dec 5;11(23):7213. doi: 10.3390/jcm11237213. PMID: 36498787; PMCID: PMC9736605.
327. Panzarini E, Leporatti S, Tenuzzo BA, Quarta A, Hanafy NAN, **Giannelli G**, Moliterni C,

Vardanyan D, Sbarigia C, Fidaleo M, Tacconi S, Dini L. Therapeutic Effect of Polymeric Nanomicelles Formulation of LY2157299-Galunisertib on CCl₄-Induced Liver Fibrosis in Rats. *J Pers Med*. 2022 Nov 1;12(11):1812. doi: 10.3390/jpm12111812. PMID: 36579532; PMCID: PMC9692463.

328. Vischio F, Carrieri L, Bianco GV, Petronella F, Depalo N, Fanizza E, Scavo MP, De Sio L, Calogero A, Striccoli M, Agostiano A, **Giannelli G**, Curri ML, Ingrosso C. Au nanoparticles decorated nanographene oxide-based platform: Synthesis, functionalization and assessment of photothermal activity. *Biomater Adv*. 2023 Feb;145:213272. doi: 10.1016/j.bioadv.2022.213272. Epub 2022 Dec 27. PMID: 36586204.
329. Lampignano L, Niro A, Castellana F, Bortone I, Zupo R, Tirelli S, Tatoli R, Griseta C, De Nucci S, Sila A, De Pergola G, Conte C, Alessio G, Boscia F, Sborgia G; Eye Clinic Research Group; **Giannelli G**, Sardone R. Liver fibrosis and retinal features in an older Mediterranean population: Results from the Salus in Apulia study. *Front Neurosci*. 2022 Dec 15;16:1048375. doi: 10.3389/fnins.2022.1048375. PMID: 36590297; PMCID: PMC9798127.
330. Scialpi R, Arrè V, **Giannelli G**, Dituri F. Laminin-332 γ 2 Monomeric Chain Promotes Adhesion and Migration of Hepatocellular Carcinoma Cells. *Cancers (Basel)*. 2023 Jan 6;15(2):373. doi: 10.3390/cancers15020373. PMID: 36672323; PMCID: PMC9857196
331. Ament CE, Steinmann S, Evert K, Pes GM, Ribback S, Gigante I, Pizzuto E, Banales JM, Rodrigues PM, Olaizola P, Wang H, **Giannelli G**, Chen X, Evert M, Calvisi DF. Aberrant fucosylation sustains the NOTCH and EGFR/NF- κ B pathways and has a prognostic value in human intrahepatic cholangiocarcinoma. *Hepatology*. 2023 Feb 16. doi: 10.1097/HEP.0000000000000322. Epub ahead of print. PMID: 36789652.
332. Cabral LKD, Giraudi PJ, **Giannelli G**, Dituri F, Negro R, Tiribelli C, Sukowati CHC. Network Analysis for the Discovery of Common Oncogenic Biomarkers in Liver Cancer Experimental Models. *Biomedicines*. 2023 Jan 25;11(2):342. doi: 10.3390/biomedicines11020342. PMID: 36830879; PMCID: PMC9953082.
333. Rinaldi R, De Nucci S, Castellana F, Di Chito M, Giannuzzi V, Shahini E, Zupo R, Lampignano L, Piazzolla G, Triggiani V, Cozzolongo R, **Giannelli G**, De Pergola G. The Effects of Eight Weeks' Very Low-Calorie Ketogenic Diet (VLCKD) on Liver Health in Subjects Affected by Overweight and Obesity. *Nutrients*. 2023 Feb 6;15(4):825. doi: 10.3390/nu15040825. PMID: 36839183; PMCID: PMC9962649.
334. Schirizzi A, Contino M, Carrieri L, Riganti C, De Leonardis G, Scavo MP, Perrone MG, Miciaccia M, Kopecka J, Refolo MG, Lotesoriere C, Depalo N, Rizzi F, **Giannelli G**, Messa C, D'Alessandro R. The multiple combination of Paclitaxel, Ramucirumab and Elacridar reverses the paclitaxel-mediated resistance in gastric cancer cell lines. *Front Oncol*. 2023 Feb 16;13:1129832. doi: 10.3389/fonc.2023.1129832. PMID: 36874116; PMCID: PMC9978398
335. Shahini E, Pasculli G, Solimando AG, Tiribelli C, Cozzolongo R, **Giannelli G**. Updating the Clinical Application of Blood Biomarkers and Their Algorithms in the Diagnosis and Surveillance of Hepatocellular Carcinoma: A Critical Review. *Int J Mol Sci*. 2023 Feb 21;24(5):4286. doi: 10.3390/ijms24054286. PMID: 36901717; PMCID: PMC10001986.

336. Ricci AD, D'Alessandro R, Rizzo A, Schirizzi A, Vallarelli S, Ostuni C, Troiani L, Lolli IR, Lotesoriere C, **Giannelli G**. Durvalumab in advanced cholangiocarcinoma: is someone knocking down the door? *Immunotherapy*. 2023 May;15(7):477-486. doi: 10.2217/imt-2022-0301. Epub 2023 Mar 23. PMID: 36950960.
337. Riezzo G, Prospero L, Orlando A, Linsalata M, D'Attoma B, Ignazzi A, **Giannelli G**, Russo F. A Tritordeum-Based Diet for Female Patients with Diarrhea- Predominant Irritable Bowel Syndrome: Effects on Abdominal Bloating and Psychological Symptoms. *Nutrients*. 2023 Mar 10;15(6):1361. doi: 10.3390/nu15061361. PMID: 36986090; PMCID: PMC10056490.
338. Lampignano L, Donghia R, Griseta C, Lagravinese G, Sciarra S, Zupo R, Castellana F, Bortone I, Guerra V, Tirelli S, De Nucci S, Tatoli R, Lozupone M, Sborgia G, Leo A, De Pergola G, **Giannelli G**, Panza F, Sardone R. Corrigendum: Liver health and dementia in an Italian older population: Findings from the Salus in Apulia study. *Front Aging Neurosci*. 2023 Mar 28;15:1187003. doi: 10.3389/fnagi.2023.1187003. Erratum for: *Front Aging Neurosci*. 2021 Dec 08;13:748888. PMID: 37056690; PMCID: PMC10086407.
339. Monteduro AG, Rizzato S, Caragnano G, Trapani A, **Giannelli G**, Maruccio G. Organs-on-chips technologies - A guide from disease models to opportunities for drug development. *Biosens Bioelectron*. 2023 Jul 1;231:115271. doi: 10.1016/j.bios.2023.115271. Epub 2023 Mar 31. PMID: 37060819.
340. Tatoli R, Lampignano L, Donghia R, Castellana F, Zupo R, Bortone I, De Nucci S, Campanile G, Lofù D, Vimercati L, Lozupone M, De Pergola G, Panza F, **Giannelli G**, Di Noia T, Boeing H, Sardone R. Corrigendum: Dietary customs and social deprivation in an aging population from Southern Italy: A machine learning approach. *Front Nutr*. 2023 Mar 31;10:1186961. doi: 10.3389/fnut.2023.1186961. Erratum for: *Front Nutr*. 2022 Mar 07;9:811076. PMID: 37063315; PMCID: PMC10102856.
341. Mancarella S, Serino G, Gigante I, Cigliano A, Ribback S, Sanese P, Grossi V, Simone C, Armentano R, Evert M, Calvisi DF, **Giannelli G**. Correction: CD90 is regulated by notch1 and hallmarks a more aggressive intrahepatic cholangiocarcinoma phenotype. *J Exp Clin Cancer Res*. 2023 Apr 18;42(1):88. doi: 10.1186/s13046-023-02661-w. Erratum for: *J Exp Clin Cancer Res*. 2022 Feb 16;41(1):65. PMID: 37069577; PMCID: PMC10111764.
342. D'Alessandro R, Refolo MG, Schirizzi A, De Leonardis G, Donghia R, Guerra V, **Giannelli G**, Lolli IR, Laterza MM, De Vita F, Messa C, Lotesoriere C. Corrigendum: Variations in circulating levels of angiopoietin-2 over time are predictive of ramucirumab-paclitaxel therapy outcome in advanced gastric cancer: results of prospective study. *Front Oncol*. 2023 Apr 14;13:1187014. doi: 10.3389/fonc.2023.1187014. Erratum for: *Front Oncol*. 2022 Apr 06;12:862116. PMID: 37124498; PMCID: PMC10140623.
343. Russo F, Riezzo G, Linsalata M, Orlando A, Tutino V, Prospero L, D'Attoma B, **Giannelli G**. Corrigendum: Managing symptom profile of IBS-D patients with Tritordeum-based foods: results from a pilot study. *Front Nutr*. 2023 Apr 14;10:1196030. doi: 10.3389/fnut.2023.1196030. Erratum for: *Front Nutr*. 2022 Feb 15;9:797192. PMID: 37125042; PMCID: PMC10141649.
344. Schirizzi A, De Leonardis G, Lorusso V, Donghia R, Rizzo A, Vallarelli S, Ostuni C, Troiani L, Lolli IR, **Giannelli G**, Ricci AD, D'Alessandro R, Lotesoriere C. Targeting Angiogenesis in the Era of Biliary Tract Cancer Immunotherapy: Biological Rationale, Clinical Implications, and

Future Research Avenues. *Cancers* (Basel). 2023 Apr 19;15(8):2376. doi: 10.3390/cancers15082376. PMID: 37190304; PMCID: PMC10137233.

345. Cigliano A, Zhang S, Ribback S, Steinmann S, Sini M, Ament CE, Utpatel K, Song X, Wang J, Pilo MG, Berger F, Wang H, Tao J, Li X, Pes GM, Mancarella S, **Giannelli G**, Dombrowski F, Evert M, Calvisi DF, Chen X, Evert K. Correction: The Hippo pathway effector TAZ induces intrahepatic cholangiocarcinoma in mice and is ubiquitously activated in the human disease. *J Exp Clin Cancer Res*. 2023 May 17;42(1):124. doi: 10.1186/s13046-023-02709-x. Erratum for: *J Exp Clin Cancer Res*. 2022 Jun 3;41(1):192. PMID: 37194029; PMCID: PMC10189931.
346. De Nucci S, Castellana F, Zupo R, Lampignano L, Di Chito M, Rinaldi R, Giannuzzi V, Cozzolongo R, Piazzolla G, **Giannelli G**, Sardone R, De Pergola G. Corrigendum: Associations between serum biomarkers and non-alcoholic liver disease: results of a clinical study of Mediterranean patients with obesity. *Front Nutr*. 2023 May 4;10:1198144. doi: 10.3389/fnut.2023.1198144. Erratum for: *Front Nutr*. 2022 Sep 08;9:1002669. PMID: 37215206; PMCID: PMC10193945.
347. De Nucci S, Rinaldi R, Di Chito M, Donghia R, Giannuzzi V, Shahini E, Cozzolongo R, Pesole PL, Coletta S, De Pergola G, **Giannelli G**. The Replacement of Only One Portion of Starchy Carbohydrates with Green Leafy Vegetables Regresses Mid and Advanced Stages of NAFLD: Results from a Prospective Pilot Study. *Nutrients*. 2023 May 12;15(10):2289. doi: 10.3390/nu15102289. PMID: 37242172; PMCID: PMC10222437.
348. Rossella Donghia 1, Pasqua Letizia Pesole 1, Sergio Coletta 1, Caterina Bonfiglio 1, Giovanni De Pergola 1, Sara De Nucci 1, Roberta Rinaldi 1, Gianluigi Giannelli 1 "Food Network analysis in non-obese patients with and without steatosis. MICOL cohort" 2023 Jun 11;15(12):2713. doi: 10.3390/nu15122713.
349. Donghia R, Pesole PL, Castellaneta A, Coletta S, Squeo F, Bonfiglio C, De Pergola G, Rinaldi R, De Nucci S, Giannelli G, Di Leo A, Tatoli R. Age-Related Dietary Habits and Blood Biochemical Parameters in Patients with and without Steatosis-MICOL Cohort. *Nutrients*. 2023 Sep 19;15(18):4058. doi: 10.3390/nu15184058. PMID: 37764841; PMCID: PMC10534690
350. Scavo MP, Negro R, Arrè V, Depalo N, Carrieri L, Rizzi F, Mastrogiacomo R, Serino G, Notarnicola M, De Nunzio V, Lippolis T, Pesole PL, Coletta S, Armentano R, Curri ML, Giannelli G. The oleic/palmitic acid imbalance in exosomes isolated from NAFLD patients induces necroptosis of liver cells via the elongase-6/RIP-1 pathway. *Cell Death Dis*. 2023 Sep 26;14(9):635. doi: 10.1038/s41419-023-06161-9. PMID: 37752143; PMCID: PMC10522611.
351. Villa E, Donghia R, Baldaccini V, Tedesco CC, Shahini E, Cozzolongo R, Ascari S, Pesole PL, Coletta S, Critelli RM, Lasagni S, Schepis F, Semellini F, Giannelli G. GALAD outperforms aMAP and ALBI for predicting HCC in patients with compensated advanced chronic liver disease: A 12-year prospective study. *Hepatol Commun*. 2023 Sep 15;7(10):e0262. doi: 10.1097/HC9.0000000000000262. PMID: 37708455; PMCID: PMC10503687.
352. Celano G, Calabrese FM, Riezzo G, D'Attoma B, Ignazzi A, Di Chito M, Sila A, De Nucci S, Rinaldi R, Linsalata M, Vacca M, Apa CA, Angelis M, Giannelli G, De Pergola G, Russo F. Effects of a Very-Low-Calorie Ketogenic Diet on the Fecal and Urinary Volatilome in an Obese Patient Cohort: A Preliminary Investigation. *Nutrients*. 2023 Aug 28;15(17):3752. doi: 10.3390/nu15173752. PMID: 37686784; PMCID: PMC10490432.

353. Sukowati C, Cabral LKD, Anfuso B, Dituri F, Negro R, Giannelli G, Tiribelli C. PD-L1 Downregulation and DNA Methylation Inhibition for Molecular Therapy against Cancer Stem Cells in Hepatocellular Carcinoma. *Int J Mol Sci.* 2023 Aug 29;24(17):13357. doi: 10.3390/ijms241713357. PMID: 37686163; PMCID: PMC10487900.
354. Scalavino V, Piccinno E, Valentini AM, Schena N, Armentano R, Giannelli G, Serino G. miR-369-3p Modulates Intestinal Inflammatory Response via BRCC3/NLRP3 Inflammasome Axis. *Cells.* 2023 Aug 31;12(17):2184. doi: 10.3390/cells12172184. PMID: 37681916; PMCID: PMC10486421.
355. Centonze M, Di Conza G, Lahn M, Fabregat I, Dituri F, Gigante I, Serino G, Scialpi R, Carrieri L, Negro R, Pizzuto E, Giannelli G. Correction: Autotaxin inhibitor IOA-289 reduces gastrointestinal cancer progression in preclinical models. *J Exp Clin Cancer Res.* 2023 Aug 18;42(1):211. doi: 10.1186/s13046-023-02797-9. Erratum for: *J Exp Clin Cancer Res.* 2023 Aug 8;42(1):197. PMID: 37596687; PMCID: PMC10436453.
356. Centonze M, Di Conza G, Lahn M, Fabregat I, Dituri F, Gigante I, Serino G, Scialpi R, Carrieri L, Negro R, Pizzuto E, Giannelli G. Autotaxin inhibitor IOA-289 reduces gastrointestinal cancer progression in preclinical models. *J Exp Clin Cancer Res.* 2023 Aug 8;42(1):197. doi: 10.1186/s13046-023-02780-4. Erratum in: *J Exp Clin Cancer Res.* 2023 Aug 18;42(1):211. PMID: 37550785; PMCID: PMC10408149
357. Espinosa-Sotelo R, Fusté NP, Peñuelas-Haro I, Alay A, Pons G, Almodóvar X, Albaladejo J, Sánchez-Vera I, Bonilla-Amadeo R, Dituri F, Serino G, Ramos E, Serrano T, Calvo M, Martínez-Chantar ML, Giannelli G, Bertran E, Fabregat I. Dissecting the role of the NADPH oxidase NOX4 in TGF-beta signaling in hepatocellular carcinoma. *Redox Biol.* 2023 Sep;65:102818. doi: 10.1016/j.redox.2023.102818. Epub 2023 Jul 13. PMID: 37463530; PMCID: PMC10372458.
358. Negro R, Mastrogiacomo R, Carrieri L, Rizzi F, Arrè V, Minervini G, Fanizza E, Bianco G, Panniello A, Striccoli M, Comparelli R, Armentano R, Curri ML, Giannelli G, Depalo N, Scavo MP. Encapsulation of MCC950 in Liposomes Decorated with Anti-Frizzled 1 Improves Drug Bioavailability and Effectiveness in Fatty Liver Disease. *ACS Appl Mater Interfaces.* 2023 Jul 19;15(28):33322-33334. doi: 10.1021/acsami.3c04206. Epub 2023 Jul 7. PMID: 37417887.
359. Donghia R, Pesole PL, Coletta S, Bonfiglio C, De Pergola G, De Nucci S, Rinaldi R, Giannelli G. Food Network Analysis in Non-Obese Patients with or without Steatosis. *Nutrients.* 2023 Jun 11;15(12):2713. doi: 10.3390/nu15122713. PMID: 37375618; PMCID: PMC10301509.
360. Linsalata M, Russo F, Riezzo G, D'Attoma B, Prospero L, Orlando A, Ignazzi A, Di Chito M, Sila A, De Nucci S, Rinaldi R, Giannelli G, De Pergola G. The Effects of a Very-Low-Calorie Ketogenic Diet on the Intestinal Barrier Integrity and Function in Patients with Obesity: A Pilot Study. *Nutrients.* 2023 May 30;15(11):2561. doi: 10.3390/nu15112561. PMID: 37299524; PMCID: PMC10255565.
361. Calabrese FM, Celano G, Bonfiglio C, Campanella A, Franco I, Annunziato A, Giannelli G, Osella AR, De Angelis M. Synergistic Effect of Diet and Physical Activity on a NAFLD Cohort: Metabolomics Profile and Clinical Variable Evaluation. *Nutrients.* 2023 May 25;15(11):2457. doi: 10.3390/nu15112457. PMID: 37299420; PMCID: PMC10255762.