

SSD Ricerca Nutrizionale e Metabolomica

Elenco pubblicazioni 2022-2024

- 1 - Galasso L, Castelli L, Bruno E. Editorial: Roles of the Circadian Rhythms in Metabolic Disease and Health. *Metabolites* 2024;14:
- 2 - Nichetti F, Silvestri M, Agnelli L, Franza A, Pircher C, Rota S, Ambrosini P, Fotia G, Hüllein J, Randon G, Lajer P, Perrone F, Tamborini E, Leoncini G, Coppa J, Busset Mdd, Pusceddu S, Milione M, Morano F, Pietrantonio F, Pruneri G, Mazzaferro V, Lipka Db, Köhler Bc, Hübschmann D, Fröhling S, De Braud F, Niger M. Molecular Characterization and Clinical Relevance of MGMT-Silenced Pancreatic Cancer. *Cancer Medicine* 2024;13:e70393
- 3 - Di Cosimo S, Silvestri M, De Marco C, Calzoni A, De Santis Mc, Carnevale Mg, Reduzzi C, Cristofanilli M, Cappelletti V. Low-pass whole genome sequencing of circulating tumor cells to evaluate chromosomal instability in triple-negative breast cancer. *Scientific Reports* 2024;14:20479
- 4 - Daveri E, Vergani B, Lalli L, Ferrero G, Casiraghi E, Cova A, Zorza M, Huber V, Gariboldi M, Pasanisi P, Guarnera S, Morelli D, Arienti F, Vitellaro M, Corsetto Pa, Rizzo Am, Stroschia M, Frati P, Lagano V, Cattaneo L, Sabella G, Leone Be, Milione M, Sorrentino L, Rivoltini L. Cancer-associated foam cells hamper protective T cell immunity and favor tumor progression in human colon carcinogenesis. *Journal For Immunotherapy Of Cancer* 2024;12:
- 5 - Quartiroli M, Roncallo C, Pala V, Simeon V, Ricceri F, Venturelli E, Pattaroni L, Sieri S, Agnoli C. Adherence to Diet Quality Indices and Breast Cancer Risk in the Italian ORDET Cohort. *Nutrients* 2024;16:
- 6 - Lauricella S, Rausa E, Pellegrini I, Ricci Mt, Signoroni S, Palassini E, Cavalcoli F, Pasanisi P, Colombo C, Vitellaro M. Current management of familial adenomatous polyposis. *Expert Review Of Anticancer Therapy* 2024;24:363-377
- 7 - Di Cosimo S, Silvestri M, De Marco C, Reduzzi C, Folli S, De Santis Mc, Cappelletti V. Assessing HER2 status in breast cancer through next-generation sequencing of circulating tumor cells. *International Journal Of Biological Markers* 2024;39:184-185
- 8 - Busico A, Gasparini P, Rausa E, Cattaneo L, Bozzi F, Silvestri M, Capone I, Conca E, Tamborini E, Perrone F, Vitellaro M, Ricci Mt, Casanova M, Chiaravalli S, Bergamaschi L, Massimino M, Milione M, Sozzi G, Pruneri G, Ferrari A, Signoroni S. Molecular profiling of pediatric and young adult colorectal cancer reveals a distinct genomic landscapes and potential therapeutic avenues. *Scientific Reports* 2024;14:13138
- 9 - Pizzamiglio S, Ciniselli Cm, De Azambuja E, Agbor Tarh D, Moreno Aspitia A, Suter Tm, Trama A, De Santis Mc, De Cecco L, Iorio Mv, Silvestri M, Pruneri G, Verderio P, Di Cosimo S. Circulating microRNAs and therapy-associated cardiac events in HER2-positive breast cancer patients: an exploratory analysis from NeoALTTO. *Breast Cancer Research And Treatment* 2024;206:285-294
- 10 - Gil Lespinard M, Almanza Aguilera E, Castañeda J, Guiñón Fort D, Eriksen Ak, Tjønneland A, Rothwell Ja, Shah S, Cadeau C, Katzke V, Johnson T, Schulze Mb, Oliverio A, Pasanisi F, Tumino R, Manfredi L, Masala G, Skeie G, Lundblad Mw, Brustad M, Lasheras C, Crous Bou M, Molina Montes E, Colorado Yohar S, Guevara M, Amiano P, Johansson I, Hultdin J, Forouhi Ng, Freisling H, Merdas M, Debras C, Heath Ak, Aglago Ek, Aune D, Zamora Ros R. Plasma Concentration of 36 (Poly)phenols and Prospective Body Weight Change in Participants from the EPIC Cohort. *Annals Of Nutrition And Metabolism* 2024;80:87-100

- 11 - Berrino F, Villarini A, Gargano G, Krogh V, Grioni S, Bellegotti M, Venturelli E, Raimondi M, Traina A, Zarcone M, Amodio R, Mano Mp, Johansson H, Panico S, Santucci De Magistris M, Barbero M, Gavazza C, Mercandino A, Consolaro E, Galasso R, Del Riccio L, Bassi Mc, Simeoni M, Premoli P, Pasanisi P, Bonanni B, Bruno E. The Effect of Diet on Breast Cancer Recurrence: The DIANA-5 Randomized Trial. *Clinical Cancer Research* 2024;30:965-974
- 12 - De Luca I, Miliziano D, Guerra G, Colombo R, Morosi C, Sposito C, Fiore M, Venturelli E, Sangalli C, Casali Pg, Cavalleri A, Fumagalli E. Hemodialysis and imatinib: Plasma levels, efficacy and tolerability in a patient with metastatic GIST - Case report. *Heliyon* 2024;10:e28494
- 13 - Illescas O, Ferrero G, Belfiore A, Pardini B, Tarallo S, Ciniselli Cm, Noci S, Daveri E, Signoroni S, Cattaneo L, Mancini A, Morelli D, Milione M, Cordero F, Rivoltini L, Verderio P, Pasanisi P, Vitellaro M, Naccarati A, Gariboldi M. Modulation of faecal miRNAs highlights the preventive effects of a Mediterranean low-inflammatory dietary intervention. *Clinical Nutrition* 2024;43:951-959
- 14 - Cavalieri S, Bruno E, Serafini Ms, Lenoci D, Canevari S, Lopez Perez L, Hernandez L, Mariani L, Miceli R, Gavazzi C, Pasanisi P, Rosso E, Cordero F, Bossi P, Golusinski W, Dietz A, Strojan P, Fueeder T, De Cecco L, Licitra L. Dietary intervention for tertiary prevention in head and neck squamous cell carcinoma survivors: clinical and translational results of a randomized phase II trial. *Frontiers In Oncology* 2024;13:1321174
- 15 - Reduzzi C, Vismara M, Schamberger T, Silvestri M, Motta R, Polzer Bm, Cappelletti V. Isolation and Genomic Analysis of Circulating Tumor Cell Clusters in Cancer Patients. *Methods Of Molecular Biology* 2024;2752:101-117
- 16 - Di Cosimo S, Pizzamiglio S, Ciniselli Cm, Duroni V, Cappelletti V, De Cecco L, De Marco C, Silvestri M, De Santis Mc, Vingiani A, Paolini B, Orlandi R, Iorio Mv, Pruner G, Verderio P. A gene expression-based classifier for HER2-low breast cancer. *Scientific Reports* 2024;14:2628
- 17 - Morosi L, Miotto M, Timo S, Carloni S, Bruno E, Meroni M, Lodato S, Rescigno M, Martano G. MSIpixel: a fully automated pipeline for compound annotation and quantitation in mass spectrometry imaging experiments. *Briefings In Bioinformatics* 2023;25:bbad463
- 18 - Bruno E, Mulè A, Galasso L, Castelli L, Baldassari I, Oliverio A, Venturelli E, Berrino F, Montaruli A, Roveda E, Pasanisi P. Sleep behavior and daily activity levels in people with metabolic syndrome: effect of 1 year of metformin treatment. *Frontiers In Nutrition* 2023;10:1240762
- 19 - Guerra G, Segrado F, Pasanisi P, Bruno E, Lopez S, Raspagliesi F, Bianchi M, Venturelli E. Circulating choline and phosphocholine measurement by a hydrophilic interaction liquid chromatography–tandem mass spectrometry. *Heliyon* 2023;9:e21921
- 20 - De Santi M, Annibalini G, Marano G, Biganzoli G, Venturelli E, Pellegrini M, Lucertini F, Brandi G, Biganzoli E, Barbieri E, Villarini A. Association between metabolic syndrome, insulin resistance, and IGF-1 in breast cancer survivors of DIANA-5 study. *Journal Of Cancer Research And Clinical Oncology* 2023;149:8639-8648
- 21 - De Summa S, Traversa D, Daniele A, Palumbo O, Carella M, Stallone R, Tufaro A, Oliverio A, Bruno E, Digennaro M, Danza K, Pasanisi P, Tommasi S. miRNA deregulation and relationship with metabolic parameters after Mediterranean dietary intervention in BRCA-mutated women. *Frontiers In Oncology* 2023;13:1147190
- 22 - Triulzi T, Regondi V, Venturelli E, Gasparini P, Ghirelli C, Groppelli J, Di Modica M, Bianchi F, De Cecco L, Sfondrini L, Tagliabue E. HER2 mRNA Levels, Estrogen Receptor Activity and Susceptibility to Trastuzumab in Primary Breast Cancer. *Cancers* 2022;14:14225650
- 23 - Segrado F, Cavalleri A, Cantalupi A, Mariani L, Dagnino S, Krogh V, Venturelli E, Agnoli C. A software-assisted untargeted liquid chromatography–mass spectrometry method for lipidomic profiling of human plasma samples. *International Journal Of Biological Markers* 2022;37:368-376

- 24 - Galasso L, Castelli L, Roveda E, Oliverio A, Baldassari I, Esposito F, Mulè A, Montaruli A, Pasanisi P, Bruno E. Physical activity and sleep behaviour in women carrying BRCA1/2 mutations. *Scientific Reports* 2022;12:12873
- 25 - Miceli R, Cao C, Maolanon Nn, Jacobs R, Wu J, Orlandi R. Plasma Profile of Immune Determinants Predicts Pathological Complete Response in Locally Advanced Breast Cancer Patients: A Pilot Study. *Clinical Breast Cancer* 2022;22:705-714
- 26 - Turco C, Esposito G, Iaiza A, Goeman F, Benedetti A, Gallo E, Daraloti T, Perracchio L, Sacconi A, Pasanisi P, Muti P, Pulito C, Strano S, Ianniello Z, Fatica A, Forcato M, Fazi F, Blandino G, Fontemaggi G. MALAT1-dependent hsa_circ_0076611 regulates translation rate in triple-negative breast cancer. *Communications Biology* 2022;5:598
- 27 - Pala V, Agnoli C, Cavalleri A, Rinaldi S, Orlandi R, Segrado F, Venturelli E, Vinceti M, Krogh V, Sieri S. Pre-diagnostic levels of copper and zinc and breast cancer risk in the ORDET cohort. *Cancer Epidemiology Biomarkers & Prevention* 2022;31:1209-1215
- 28 - Oliverio A, Radice P, Colombo M, Paradiso A, Tommasi S, Daniele A, Terribile Da, Magno S, Guarino D, Manoukian S, Peissel B, Bruno E, Pasanisi P. The Impact of Mediterranean Dietary Intervention on Metabolic and Hormonal Parameters According to BRCA1/2 Variant Type. *Frontiers In Genetics* 2022;13:820878
- 29 - Baldassari I, Oliverio A, Krogh V, Bruno E, Gargano G, Cortellini M, Casagrande A, Di Mauro Mg, Venturelli E, Del Sette Cerulli D, Bellegotti M, Berrino F, Pasanisi P. Recruitment in randomized clinical trials: The MeMeMe experience. *Plos One* 2022;17:e0265495
- 30 - Iguacel I, Perez Cornago A, Schmidt Ja, Van Puyvelde H, Travis R, Casagrande C, Nicolas G, Riboli E, Weiderpass E, Ardanaz E, Barricarte A, Bodén S, Bruno E, Ching López A, Aune D, Jensen Te, Ericson U, Johansson I, Ma Huerta J, Katzke V, Kühn T, Sacerdote C, Schulze Mb, Skeie G, Ramne S, Ward H, Gunter Mj, Huybrechts I. Evaluation of protein and amino acid intake estimates from the EPIC dietary questionnaires and 24-h dietary recalls using different food composition databases. *Nutrition Metabolism And Cardiovascular Diseases* 2022;32:80-89