

SS Bioinformatica e Biostatistica

Elenco pubblicazioni 2022-2024

- 1 - Stacchiotti S, Martini S, Pasquali S, Frezza Am, Beretta A, Percio S, Lecchi M, Tortoreto M, Barisella M, Collini P, Dagrada Gp, Merlini A, Huang Ph, Jenks A, Jones Rl, Tap Wd, Ingrosso M, Morosi C, Brich S, Giani C, Verderio P, Casali Pg, Leonard H, Gronchi A, Zuco V, Zaffaroni N. GDF-15 Predicts Epithelioid Hemangioendothelioma Aggressiveness and Is Downregulated by Sirolimus through ATF4/ATF5 Suppression. *Clinical Cancer Research* 2024;30:5122-5137
- 2 - Ciceri S, Bertolotti A, Serra A, Gattuso G, Boschetti L, Capasso M, Cecchi C, Sorrentino S, Quarello P, Ciniselli Cm, Verderio P, De Cecco L, Manenti G, Diomedi Camassei F, Collini P, Spreafico F, Perotti D. Widening the spectrum of players affected by genetic changes in Wilms tumor relapse. *Iscience* 2024;27:110684
- 3 - Bernasconi A, Zanga A, Lucas Pjf, Scutari M, Di Cosimo S, De Santis Mc, La Rocca E, Baili P, Cavallo I, Verderio P, Ciniselli Cm, Pizzamiglio S, Blanda A, Perego P, Vallerio P, Stella F, Trama A, The Ada Working Group. From Real-World Data to Causally Interpretable Models: A Bayesian Network to Predict Cardiovascular Diseases in Adolescents and Young Adults with Breast Cancer. *Cancers* 2024;16:
- 4 - Bongiorno R, Lecchi M, Botti L, Bosco O, Ratti C, Fontanella E, Mercurio N, Pratesi P, Chiodoni C, Verderio P, Colombo Mp, Lecis D. Mast cell heparanase promotes breast cancer stem-like features via MUC1/estrogen receptor axis. *Cell Death & Disease* 2024;15:709
- 5 - Palassini E, Baldi Gg, Ciniselli Cm, Gennaro M, Gronchi A, Sangalli C, Conforti F, Collini P, Frezza Am, Pellegrini I, Allajbej A, Fiore M, Morosi C, Pennacchioli E, Barisella M, Casali Pg, Verderio P, De Pas T, Stacchiotti S. Outcome improvement with chemotherapy and radiotherapy in primary, localized, radiation-associated angiosarcoma of the breast region: a retrospective case series analysis. *Esmo Open* 2024;9:103474
- 6 - 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
- 7 - 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
- 8 - Gronchi A, Palmerini E, Quagliuolo V, Martin Broto J, Lopez Pousa A, Grignani G, Brunello A, Blay Jy, Tendero O, Diaz Beveridge R, Ferraresi V, Lugowska I, Pizzamiglio S, Verderio P, Fontana V, Donati Dm, Palassini E, Sanfilippo R, Bianchi G, Bertuzzi A, Morosi C, Pasquali S, Stacchiotti S, Bagué S, Coindre Jm, Miceli R, Dei Tos Ap, Casali Pg. Neoadjuvant Chemotherapy in High-Grade Myxoid Liposarcoma: Results of the Expanded Cohort of a Randomized Trial from Italian (ISG), Spanish (GEIS), French (FSG), and Polish Sarcoma Groups (PSG). *Journal Of Clinical Oncology* 2024;42:898-906
- 9 - Boeri M, Signoroni S, Ciniselli Cm, Gariboldi M, Zanutto S, Rausa E, Segale M, Zanghì A, Ricci Mt, Verderio P, Sozzi G, Vitellaro M. Detection of (pre)cancerous colorectal lesions in Lynch syndrome patients by microsatellite instability liquid biopsy. *Cancer Gene Therapy* 2024;31:842-850

- 10 - Dei Cas M, Ciniselli Cm, Vergani E, Ciusani E, Aloisi M, Duroni V, Verderio P, Ghidoni R, Paroni R, Perego P, Beretta GI, Gatti L, Rodolfo M. Alterations in Plasma Lipid Profiles Associated with Melanoma and Therapy Resistance. *International Journal Of Molecular Sciences* 2024;25:
- 11 - 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, Prunerì G, Verderio P. A gene expression-based classifier for HER2-low breast cancer. *Scientific Reports* 2024;14:2628
- 12 - Sala L, Ciniselli Cm, Bozzi F, Summo V, Bonini C, Brich S, Bertolotti A, Trupia Dv, Volpi Cc, Pizzamiglio S, Paolini B, Aiello A, Apolone G, Verderio P, Cortinovis U. Periprosthetic effusions surrounding breast expander: a flow cytometric, immunohistochemical and molecular characterization. *Tumori Journal* 2024;110:49-59
- 13 - Ferrara R, Lo Russo G, Ciniselli Cm, Piva A, Bassani B, Jachetti E, Calareso G, Duroni V, Di Gregorio S, Proto C, Prelaj A, De Toma A, Occhipinti M, Brambilla M, Manglaviti S, Mazzeo L, Rinaldi A, Beninato T, Ganzinelli M, De Braud F, Garassino Mc, Verderio P, Colombo Mp, Sangaletti S. Abstract 5506: Circulating immature neutrophils early detect hyperprogressive disease upon first-line PD-1/PD-L1 inhibitors in non-small cell lung cancer patients selecting best candidates for platinum-based chemotherapy and PD-1/PD-L1 inhibitors combinations. *Cancer Research* 2023;83:5506
- 14 - Rausa E, Ciniselli Cm, Signoroni S, Boer Ls, Oldhoff L, Dijk L, Van Luijk F, Ricci Mt, Ghidoli C, Duroni V, Brignola C, Borreani C, Alfieri S, Apolone G, Verderio P, Vitellaro M. Quality of life after prophylactic surgery for colorectal adenomatous polyposis. *International Journal Of Colorectal Disease* 2023;38:249
- 15 - Rausa E, Colletti G, Ciniselli Cm, Signoroni S, Duroni V, Cavalcoli F, Magarotto A, Ricci Mt, Brignola C, Biasoni D, Verderio P, Vitellaro M. Superior rectal artery preservation to reduce anastomotic leak rates in familial adenomatous polyposis patients treated with total colectomy and ileorectal anastomosis. *Techniques In Coloproctology* 2023;27:1327-1334
- 16 - Chiodoni C, Sangaletti S, Lecchi M, Ciniselli Cm, Cancila V, Tripodi I, Ratti C, Talarico G, Brich S, De Cecco L, Baili P, Truffi M, Sottotetti F, Piccotti F, Tripodo C, Prunerì G, Triulzi T, Corsi F, Cappelletti V, Di Cosimo S, Verderio P, Colombo Mp. A three-gene signature marks the time to locoregional recurrence in luminal-like breast cancer. *Esmo Open* 2023;8:101590
- 17 - Colletti G, Ciniselli Cm, Sorrentino L, Bagatin C, Verderio P, Cosimelli M. Multimodal treatment of rectal cancer with resectable synchronous liver metastases: A systematic review. *Digestive And Liver Disease* 2023;55:1602-1610
- 18 - Sala L, Bonomi S, Ciniselli Cm, Verderio P, Pastori M, Maurichi A, Cortinovis U. Patient-reported outcome measurements in post-mastectomy implant-based breast reconstruction and radiotherapy: Analysis of BREAST-Q data. *Tumori Journal* 2023;109:295-300
- 19 - Licata Ag, Ciniselli Cm, Sorrentino L, Micali A, Daidone Mg, Guaglio M, Gariboldi M, Verderio P, De Cecco L, Cosimelli M. Peritoneal fluid COVID-19 testing in patients with a negative nasopharyngeal swab: prospective study. *British Journal Of Surgery* 2023;110:504-505
- 20 - Verderio P, Lecchi M, Ciniselli Cm, Shishmani B, Apolone G, Manenti G. 3Rs Principle and Legislative Decrees to Achieve High Standard of Animal Research. *Animals* 2023;13:
- 21 - Perrone M, Chiodoni C, Lecchi M, Botti L, Bassani B, Piva A, Jachetti E, Milani M, Lecis D, Tagliabue E, Verderio P, Sangaletti S, Colombo Mp. ATF3 Reprograms the Bone Marrow Niche in Response to Early Breast Cancer Transformation. *Cancer Research* 2023;83:117-129
- 22 - Guidetti A, Dodero A, Lorenzoni A, Pizzamiglio S, Argiroffi G, Chiappella A, Bagnoli F, Marasco V, Carniti C, Monfrini C, Seregni E, Pennisi M, Verderio P, Alessi A, Corradini P. Combination of Deauville score and quantitative positron emission tomography parameters as a predictive tool of anti-CD19 chimeric antigen receptor T-cell efficacy. *Cancer* 2023;129:255-263

- 23 - Di Cosimo S, Ciniselli Cm, Pizzamiglio S, Cappelletti V, Silvestri M, El Abed S, Izquierdo M, Bajji M, Nuciforo P, Huober J, Cameron D, Chia S, Gomez HI, Iorio Mv, Vingiani A, Pruneri G, Verderio P. End-of-neoadjuvant treatment circulating microRNAs and HER2-positive breast cancer patient prognosis: An exploratory analysis from NeoALTTO. *Frontiers In Oncology* 2023;12:1028825
- 24 - Sala L, Bonomi S, Fabbri A, Ciniselli Cm, Bardelli A, Verderio P, Pruneri G, Cortinovis U. Use of PEAK PlasmaBlade in implant-based breast reconstruction and radiotherapy: new strategy to reduce complications. *Tumori Journal* 2023;109:86-96
- 25 - Capone I, Bozzi F, Dagrada Gp, Verderio P, Conca E, Busico A, Testi Ma, Monti V, Duca M, Proto C, Damian S, Piccolo A, Perrone F, Tamborini E, Devecchi A, Collini P, Lorenzini D, Vingiani A, Agnelli L, Pruneri G. Targeted RNA-sequencing analysis for fusion transcripts detection in tumor diagnostics: assessment of bioinformatic tools reliability in FFPE samples. *Exploration Of Targeted Anti-tumor Therapy* 2022;3:582-597
- 26 - Ligorio F, Di Cosimo S, Verderio P, Ciniselli Cm, Pizzamiglio S, Castagnoli L, Dugo M, Galbardi B, Salgado R, Loi S, Michiels S, Triulzi T, Tagliabue E, El Abed S, Izquierdo M, De Azambuja E, Nuciforo P, Huober J, Moscetti L, Janni W, Coccia Portugal Ma, Corsetto Pa, Belfiore A, Lorenzini D, Daidone Mg, Vingiani A, Gianni L, Pupa Sm, Bianchini G, Pruneri G, Vernieri C. Predictive Role of CD36 Expression in HER2-Positive Breast Cancer Patients Receiving Neoadjuvant Trastuzumab. *Jnci-journal Of The National Cancer Institute* 2022;114:1720-1727
- 27 - Liguori A, Depretto C, Ciniselli Cm, Citterio A, Boffelli G, Verderio P, Scaperrotta Gp. Contrast-enhanced digital mammography and magnetic resonance imaging: reproducibility compared to pathologic anatomy. *Tumori Journal* 2022;108:563-571
- 28 - FucÀ G, Lecchi M, Ciniselli Cm, Ottini A, Spagnoletti A, Mazzeo L, Morelli D, Frati P, Stroschia M, Ebrahim E, Sottotetti E, Galli G, D'elia Mg, Lobefaro R, Ducceschi M, Di Guardo L, Bhoori S, Provenzano S, Platania M, Niger M, Colombo E, Nichetti F, Duca M, Rivoltini L, Mortarini R, Baili P, Apolone G, De Braud F, Verderio P, Damian S. Efficacy of mRNA anti-SARS-CoV-2 vaccination and dynamics of humoral immune response in patients with solid tumors: results from the institutional registry of an Italian tertiary cancer center. *Therapeutic Advances In Medical Oncology* 2022;14:1.75883592211086E+16
- 29 - Gatti L, Rolli L, Corno C, Carenini N, Corna E, Ciusani E, Frigerio S, Pogliani S, Guarino C, Ravagnani F, Pastorino U, Sozzi G, Macciotta A, Verderio P, Ciniselli Cm, Perego P. Increased serum levels of KiSS1-derived peptides in non-small cell lung cancer patient liquid biopsies and biological relevance. *Translational Lung Cancer Research* 2022;11:1315-1326
- 30 - Doldi V, Lecchi M, Ljevar S, Colecchia M, Campi E, Centonze G, Marengchi C, Rancati T, Miceli R, Verderio P, Valdagni R, Gandellini P, Zaffaroni N. Potential of the Stromal Matricellular Protein Periostin as a Biomarker to Improve Risk Assessment in Prostate Cancer. *International Journal Of Molecular Sciences* 2022;23:23147987
- 31 - Di Cosimo S, La Rocca E, Ljevar S, De Santis Mc, Bini M, Cappelletti V, Valenti M, Baili P, De Braud Fg, Folli S, Scaperrotta G, Volpi C, Vingiani A, Vernieri C, Verderio P, Miceli R, Pruneri G. Moving HER2-low breast cancer predictive and prognostic data from clinical trials into the real world. *Frontiers In Molecular Biosciences* 2022;9:996434
- 32 - Verderio P, Ciniselli Cm, Gaignaux A, Pastori M, Saracino S, Kofanova O, Betsou F. External Quality Assurance programs for processing methods provide evidence on impact of preanalytical variables. *New Biotechnology* 2022;72:29-37
- 33 - Tripodo C, Bassani B, Jachetti E, Cancila V, Chiodoni C, Portararo P, Botti L, Valenti C, Perrone M, Ponzoni M, Comoli P, Lecchi M, Verderio P, Curti A, Colombo Mp, Sangaletti S. Neutrophil extracellular traps arm DC vaccination against NPM-mutant myeloproliferation. *Elife* 2022;11:e69257

- 34 - Ciniselli Cm, Lecchi M, Figini M, Melani Cc, Daidone Mg, Morelli D, Zito E, Apolone G, Verderio P. COVID-19 Vaccination in Health Care Workers in Italy: A Literature Review and a Report from a Comprehensive Cancer Center. *Vaccines* 2022;10:
- 35 - Colletti G, Ciniselli Cm, Rausa E, Signoroni S, Cocco Imf, Magarotto A, Ricci Mt, Brignola C, Mancini A, Cavalcoli F, Cattaneo L, Milione M, Verderio P, Vitellaro M. Reply to Serrano et al. Comment on "Colletti et al. Prevalence and Management of Cancer of the Rectal Stump after Total Colectomy and Rectal Sparing in Patients with Familial Polyposis: Results from a Registry-Based Study. *Cancers* 2022, 14, 298". *Cancers* 2022;14:
- 36 - Zanutto S, Ciniselli Cm, Belfiore A, Dall'olio V, Tizzoni L, Varinelli L, Pierotti Ma, Battaglia L, Verderio P, Guaglio M, Gariboldi M. Exploring the association with disease recurrence of miRNAs predictive of colorectal cancer. *International Journal Of Biological Markers* 2022;37:102-109
- 37 - El Bezawy R, Percio S, Ciniselli Cm, De Cesare M, Colella G, Dugo M, Veneroni S, Doldi V, Martini S, Baratti D, Kusamura S, Verderio P, Deraco M, Gandellini P, Zaffaroni N, Zuco V. miR-550a-3p is a prognostic biomarker and exerts tumor-suppressive functions by targeting HSP90AA1 in diffuse malignant peritoneal mesothelioma. *Cancer Gene Therapy* 2022;29:1394-1404
- 38 - Signoroni S, Ciniselli Cm, Piozzi Gn, Ricci Mt, Pastori M, Merola P, Bellazzi M, Smaldone T, Rosito G, Borreani C, Verderio P, Apolone G, Vitellaro M. Hereditary colorectal cancer syndromes and the COVID-19 pandemic: results from a survey conducted in patients enrolled in a dedicated registry. *Quality Of Life Research* 2022;31:1105-1115
- 39 - Pizzamiglio S, Cosentino G, Ciniselli Cm, De Cecco L, Cataldo A, Plantamura I, Triulzi T, El Abed S, Wang Y, Bajji M, Nuciforo P, Huober J, Ellard SI, Rimm DI, Gombos A, Daidone Mg, Verderio P, Tagliabue E, Di Cosimo S, Iorio Mv. What if the future of HER2-positive breast cancer patients was written in miRNAs? An exploratory analysis from NeoALTTO study. *Cancer Medicine* 2022;11:332-339
- 40 - Colletti G, Ciniselli Cm, Signoroni S, Cocco Imf, Magarotto A, Ricci Mt, Brignola C, Bagatin C, Cattaneo L, Mancini A, Cavalcoli F, Milione M, Verderio P, Vitellaro M. Prevalence and Management of Cancer of the Rectal Stump after Total Colectomy and Rectal Sparing in Patients with Familial Polyposis: Results from a Registry-Based Study. *Cancers* 2022;14:298
- 41 - Marasco V, Carniti C, Guidetti A, Farina L, Magni M, Miceli R, Calabretta L, Verderio P, Ljevar S, Serpenti F, Morelli D, Apolone G, Ippolito G, Agrati C, Corradini P. T-cell immune response after mRNA SARS-CoV-2 vaccines is frequently detected also in the absence of seroconversion in patients with lymphoid malignancies. *British Journal Of Haematology* 2022;196:548-558
- 42 - Fina E, Cleris L, Dugo M, Lecchi M, Ciniselli Cm, Lecis D, Bianchi Gv, Verderio P, Daidone Mg, Cappelletti V. Gene signatures of circulating breast cancer cell models are a source of novel molecular determinants of metastasis and improve circulating tumor cell detection in patients. *Journal Of Experimental & Clinical Cancer Research* 2022;41:78