

Titolo	Autori	Anno	Rivista	Citazioni	DOI
Landscape of ROD9 Island: Functional annotations and biological network of hypothetical proteins in Salmonella enterica	Soni, N. Swain, S.K. Kant, R. Singh, A. Ravichandran, R. Verma, S.K. Panda, P.K. Suar, M.	2019	Computational Biology and Chemistry	1	10.1016/j.compbiolchem.2019.107110
E40, a novel microbial protease efficiently detoxifying gluten proteins, for the dietary management of gluten intolerance	Cavaletti, L. Taravella, A. Carrano, L. Careni, G. Sigurtà, A. Solinas, N. Caro, S.D. Stasio, L.D. Picascia, S. Laezza, M. Troncione, R. Gianfrani, C. Mamone, G.	2019	Scientific Reports	36	10.1038/s41598-019-48299-7
Recent advances in nuclear imaging of receptor expression to guide targeted therapies in breast cancer	Salvatore, B. Caprio, M.G. Hill, B.S. Sarnella, A. Roviello, G.N. Zannetti, A.	2019	Cancers	5	10.3390/cancers11101614
In Vivo Biotransformations of Indium Phosphide Quantum Dots Revealed by X-Ray Microspectroscopy	Veronesi, G. Moros, M. Castillo-Michel, H. Mattera, L. Onorato, G. Wegner, K.D. Ling, W.L. Reiss, P. Tortiglione, C.	2019	ACS Applied Materials and Interfaces	16	10.1021/acsami.9b15433
Therapeutic potential of a novel $\alpha\beta 3$ antagonist to hamper the aggressiveness of mesenchymal triple negative breast cancer sub-type	Hill, B.S. Sarnella, A. Capasso, D. Comegna, D. Del Gatto, A. Gramanzini, M. Albanese, S. Saviano, M. Zaccaro, L. Zannetti, A.	2019	Cancers	32	10.3390/cancers11020139
Persistent epigenetic memory impedes rescue of the telomeric phenotype in human ICF iPSCs following DNMT3B correction	Toubiana, S. Gagliardi, M. Papa, M. Manco, R. Tzukerman, M. Matarazzo, M.R. Selig, S.	2019	eLife	16	10.7554/eLife.47859
Protective effect of Vigna unguiculata extract against aging and neurodegeneration	Tripodi, F. Lombardi, L. Guzzetti, L. Panzeri, D. Milanese, R. Leri, M. Bucciantini, M. Angeloni, C. Beghelli, D. Hrelia, S. Onorato, G. Di Schiavi, E. Falletta, E. Nonnis, S. Tedeschi, G. Labra, M. Coccetti, P.	2020	Aging	9	10.18632/aging.104069
A novel cerna regulatory network involving the long non-coding antisense rna spac6p-as, mir-125a and its mrna targets in hepatocarcinoma cells	Di Palo, A. Siniscalchi, C. Mosca, N. Russo, A. Potenza, N.	2020	International Journal of Molecular Sciences	16	10.3390/ijms21145068
Recruitment of stromal cells into tumour microenvironment promote the metastatic spread of breast cancer	Hill, B.S. Sarnella, A. D'Avino, G. Zannetti, A.	2020	Seminars in Cancer Biology	77	10.1016/j.semcancer.2019.07.028
Different impacts of mucr binding to the babr and virb promoters on gene expression in brucella abortus 2308	Borriello, G. Russo, V. Paradiso, R. Riccardi, M.G. Criscuolo, D. Verde, G. Marasco, R. Pedone, P.V. Galiero, G. Baglivo, I.	2020	Biomolecules	9	10.3390/biom10050788
Characterization of a new mixture of monorhamnolipids produced by pseudomonas gessardii isolated from edmonson point (antarctica)	Buonocore, C. Tedesco, P. Vitale, G.A. Esposito, F.P. Giugliano, R. Monti, M.C. D'Auria, M.V. de Pascale, D.	2020	Marine Drugs	20	10.3390/md18050269
Molecular network and culture media variation reveal a complex metabolic profile in pantoea cf. Eucrina d2 associated with an acidified marine sponge	Vitale, G.A. Sciarretta, M. Cassiano, C. Buonocore, C. Festa, C. Mazzella, V. Pons, L.N. D'auria, M.V. de Pascale, D.	2020	International Journal of Molecular Sciences	15	10.3390/ijms21176307
Hempseed lignanamides rich-fraction: Chemical investigation and cytotoxicity towards U-87 glioblastoma cells	Nigro, E. Crescente, G. Formato, M. Pecoraro, M.T. Mallardo, M. Piccolella, S. Daniele, A. Pacifico, S.	2020	Molecules	34	10.3390/molecules25051049
Proto-oncogene Zbtb7a represses miR-125a-5p transcription in hepatocellular carcinoma cells	Di Palo, A. Siniscalchi, C. Mosca, N. Russo, A. Potenza, N.	2020	Molecular Biology Reports	3	10.1007/s11033-020-05512-5

What microRNAs could tell us about the human X chromosome	Di Palo, A. Siniscalchi, C. Salerno, M. Russo, A. Gravholt, C.H. Potenza, N.	2020	Cellular and Molecular Life Sciences	40	10.1007/s00018-020-03526-7
Understanding the Effects of Deep Space Radiation on Nervous System: The Role of Genetically Tractable Experimental Models	Onorato, G. Di Schiavi, E. Di Cunto, F.	2020	Frontiers in Physics	18	10.3389/fphy.2020.00362
Antioxidant molecules from marine fungi: Methodologies and perspectives	Vitale, G.A. Coppola, D. Esposito, F.P. Buonocore, C. Ausuri, J. Tortorella, E. de Pascale, D.	2020	Antioxidants	38	10.3390/antiox9121183
Viral Emerging Diseases: Challenges in Developing Vaccination Strategies	Trovato, M. Sartorius, R. D'Apice, L. Manco, R. De Berardinis, P.	2020	Frontiers in Immunology	64	10.3389/fimmu.2020.02130
Characterization of the Mycobacterial MSMEG-3762/63 Efflux Pump in Mycobacterium smegmatis Drug Efflux	De Siena, B. Campolattano, N. D'Abrosca, G. Russo, L. Cantillon, D. Marasco, R. Muscariello, L. Waddell, S.J. Sacco, M.	2020	Frontiers in Microbiology	7	10.3389/fmicb.2020.575828
Exercise with food withdrawal at thermoneutrality impacts fuel use, the microbiome, AMPK phosphorylation, muscle fibers, and thyroid hormone levels in rats	Giacco, A. Delli Paoli, G. Simiele, R. Caterino, M. Ruoppolo, M. Bloch, W. Kraaij, R. Uitterlinden, A.G. Santillo, A. Senese, R. Cioffi, F. Silvestri, E. Iervolino, S. Lombardi, A. Moreno, M. Goglia, F. Lanni, A. de Lange, P.	2020	Physiological Reports	13	10.14814/phy2.14354
Exploring the interaction between the swi/snf chromatin remodeling complex and the zinc finger factor ctcf	Valletta, M. Russo, R. Baglivo, I. Russo, V. Ragucci, S. Sandomenico, A. Iaccarino, E. Ruvo, M. De Feis, I. Angelini, C. Iachettini, S. Biroccio, A. Pedone, P.V. Chambery, A.	2020	International Journal of Molecular Sciences	11	10.3390/ijms21238950
A novel inhibitor of carbonic anhydrases prevents hypoxia-induced tnbc cell plasticity	Sarnella, A. D'avino, G. Hill, B.S. Alterio, V. Winum, J.-Y. Supuran, C.T. De Simone, G. Zannetti, A.	2020	International Journal of Molecular Sciences	11	10.3390/ijms21218405
Development of anti-bacterial surfaces using a hydrophobin chimeric protein	Sorrentino, I. Gargano, M. Ricciardelli, A. Parrilli, E. Buonocore, C. de Pascale, D. Giardina, P. Piscitelli, A.	2020	International Journal of Biological Macromolecules	10	10.1016/j.ijbiomac.2020.07.301
Exploiting viral sensing mediated by Toll-like receptors to design innovative vaccines	Sartorius, R. Trovato, M. Manco, R. D'Apice, L. De Berardinis, P.	2021	npj Vaccines	48	10.1038/s41541-021-00391-8
Correction to: What microRNAs could tell us about the human X chromosome (Cellular and Molecular Life Sciences, (2020), 77, 20, (4069-4080), 10.1007/s00018-020-03526-7)	Di Palo, A. Siniscalchi, C. Salerno, M. Russo, A. Gravholt, C.H. Potenza, N.	2021	Cellular and Molecular Life Sciences	0	10.1007/s00018-020-03743-0
Translational suppression of SARS-COV-2 ORF8 protein mRNA as a Viable therapeutic target against COVID-19: Computational studies on potential roles of isolated compounds from Clerodendrum volubile leaves	Erukainure, O.L. Atolani, O. Muhammad, A. Ravichandran, R. Abarshi, M.M. Katsaya, S.B. Chukwuma, C.I. Preissner, R. Banerjee, P. Mesaik, M.A.	2021	Computers in Biology and Medicine	2	10.1016/j.combiomed.2021.104964
Role of the ddx11 dna helicase in warsaw breakage syndrome etiology	Santos, D. Mahtab, M. Boavida, A. Pisani, F.M.	2021	International Journal of Molecular Sciences	4	10.3390/ijms22052308
microRNA-377-3p downregulates the oncosuppressor T-cadherin in colorectal adenocarcinoma cells	Di Palo, A. Siniscalchi, C. Polito, R. Nigro, E. Russo, A. Daniele, A. Potenza, N.	2021	Cell Biology International	2	10.1002/cbin.11605

Zfp57 inactivation illustrates the role of ICR methylation in imprinted gene expression during neural differentiation of mouse ESCs	Acurzio, B. Verma, A. Polito, A. Giaccari, C. Cecere, F. Fioriniello, S. Della Ragione, F. Fico, A. Cerrato, F. Angelini, C. Feil, R. Riccio, A.	2021	Scientific Reports	6	10.1038/s41598-021-93297-3
L-leucine stimulation of glucose uptake and utilization involves modulation of glucose – lipid metabolic switch and improved bioenergetic homeostasis in isolated rat psoas muscle ex vivo	Erukainure, O.L. Salau, V.F. Atolani, O. Ravichandran, R. Banerjee, P. Preissner, R. Koorbanally, N.A. Islam, M.S.	2021	Amino Acids	5	10.1007/s00726-021-03021-8
Assessment of the degradation potential and genomic insights towards phenanthrene by dietzia psychralcaliphila j11d	Ausuri, J. Vitale, G.A. Coppola, D. Esposito, F.P. Buonocore, C. de Pascale, D.	2021	Microorganisms	17	10.3390/microorganisms9061327
Carbonic anhydrase activation profile of indole-based derivatives	Barresi, E. Ravichandran, R. Germelli, L. Angeli, A. Baglini, E. Salerno, S. Marini, A.M. Costa, B. Da Pozzo, E. Martini, C. Da Settimo, F. Supuran, C. Cosconati, S. Taliani, S.	2021	Journal of Enzyme Inhibition and Medicinal Chemistry	3	10.1080/14756366.2021.1959573
The number of the CTCF binding sites of the H19/IGF2:IG-DMR correlates with DNA methylation and expression imprinting in a humanized mouse model	Freschi, A. Del Prete, R. Pignata, L. Cecere, F. Manfredola, F. Mattia, M. Cobellis, G. Sparago, A. Bartolomei, M.S. Riccio, A. Cerrato, F.	2021	Human Molecular Genetics	9	10.1093/hmg/ddab132
The genome stability maintenance DNA helicase DDX11 and its role in cancer	Mahtab, M. Boavida, A. Santos, D. Pisani, F.M.	2021	Genes	8	10.3390/genes12030395
Polymer based nanoparticles for biomedical applications by microfluidic techniques: From design to biological evaluation	Fabozzi, A. Della Sala, F. Di Gennaro, M. Solimando, N. Pagliuca, M. Borzacchiello, A.	2021	Polymer Chemistry	10	10.1039/d1py01077h
Antiviral activity of the rhamnolipids mixture from the antarctic bacterium pseudomonas gessardii M15 against herpes simplex viruses and coronaviruses	Giugliano, R. Buonocore, C. Zannella, C. Chianese, A. Esposito, F.P. Tedesco, P. De Filippis, A. Galdiero, M. Franci, G. de Pascale, D.	2021	Pharmaceutics	12	10.3390/pharmaceutics13122121
Phloroglucinols from Myrtaceae: attractive targets for structural characterization, biological properties and synthetic procedures	Celaj, O. Durán, A.G. Cennamo, P. Scognamiglio, M. Fiorentino, A. Esposito, A. D'Ambrosia, B.	2021	Phytochemistry Reviews	25	10.1007/s11101-020-09697-2
Combining osmac approach and untargeted metabolomics for the identification of new glycolipids with potent antiviral activity produced by a marine rhodococcus	Esposito, F.P. Giugliano, R. Sala, G.D. Vitale, G.A. Buonocore, C. Ausuri, J. Galasso, C. Coppola, D. Franci, G. Galdiero, M. de Pascale, D.	2021	International Journal of Molecular Sciences	13	10.3390/ijms22169055
Antiviral activity of vitis vinifera leaf extract against sars-cov-2 and hsv-1	Zannella, C. Giugliano, R. Chianese, A. Buonocore, C. Vitale, G.A. Sanna, G. Sarno, F. Manzin, A. Nebbioso, A. Termino, P. Altucci, L. Galdiero, M. de Pascale, D. Franci, G.	2021	Viruses	43	10.3390/v13071263
Screening a Molecular Fragment Library to Modulate the PED/PEA15-Phospholipase D1 Interaction in Cellular Lysate Environments	Farina, B. Pirone, L. D'Ambrosia, G. Della Valle, M. Russo, L. Isernia, C. Sassano, M. Del Gatto, A. Di Gaetano, S. Zaccaro, L. Malgieri, G. Pedone, E.M. Fattorusso, R.	2021	ACS Chemical Biology	2	10.1021/acscchembio.1c00688
GDM-complicated pregnancies: focus on adipokines	Mallardo, M. Ferraro, S. Daniele, A. Nigro, E.	2021	Molecular Biology Reports	16	10.1007/s11033-021-06785-0
Adiponectin and leptin exert antagonizing effects on huvec tube formation and migration modulating the expression of cxcl1, vegf, mmp-2 and mmp-9	Nigro, E. Mallardo, M. Polito, R. Sciatò, F. Bianco, A. Daniele, A.	2021	International Journal of Molecular Sciences	6	10.3390/ijms22147516

Inhibition studies on carbonic anhydrase isoforms I, II, IV and IX with N-arylsubstituted secondary sulfonamides featuring a bicyclic tetrahydroindazole scaffold	Salerno, S. Amendola, G. Angeli, A. Baglini, E. Barresi, E. Marini, A.M. Ravichandran, R. Viviano, M. Castellano, S. Novellino, E. Da Settimo, F. Supuran, C.T. Cosconati, S. Taliani, S.	2021	European Journal of Medicinal Chemistry	9	10.1016/j.ejmech.2021.113490
Food, nutrition, physical activity and microbiota: Which impact on lung cancer?	Nigro, E. Perrotta, F. Scialò, F. D'agnano, V. Mallardo, M. Bianco, A. Daniele, A.	2021	International Journal of Environmental Research and Public Health	6	10.3390/ijerph18052399
ZBTB2 protein is a new partner of the Nucleosome Remodeling and Deacetylase (NuRD) complex	Russo, R. Russo, V. Cecere, F. Valletta, M. Gentile, M.T. Colucci-D'Amato, L. Angelini, C. Riccio, A. Pedone, P.V. Chambery, A. Baglivo, I.	2021	International Journal of Biological Macromolecules	2	10.1016/j.ijbiomac.2020.12.029
Vargenius-hzd allows accurate detection of rare homozygous or hemizygous deletions in targeted sequencing leveraging breadth of coverage	Musacchia, F. Karali, M. Torella, A. Laurie, S. Policastro, V. Pizzo, M. Beltran, S. Casari, G. Nigro, V. Banfi, S.	2021	Genes	2	10.3390/genes12121979
Correction to: Phloroglucinols from Myrtaceae: attractive targets for structural characterization, biological properties and synthetic procedures (Phytochemistry Reviews, (2021), 20, 1, (259-299), 10.1007/s11101-020-09697-2)	Celaj, O. Durán, A.G. Cennamo, P. Scognamiglio, M. Fiorentino, A. Esposito, A. D'Ambrosio, B.	2021	Phytochemistry Reviews	0	10.1007/s11101-020-09706-4
Effect of hyaluronic acid on the differentiation of mesenchymal stem cells into mature type ii pneumocytes	Della Sala, F. Di Gennaro, M. Lista, G. Messina, F. Ambrosio, L. Borzacchiello, A.	2021	Polymers	13	10.3390/polym13172928
Correction to: Adiponectin in Cerebrospinal Fluid from Patients Affected by Multiple Sclerosis Is Correlated with the Progression and Severity of Disease (Molecular Neurobiology, (2021), 58, 6, (2663-2670), 10.1007/s12035-021-02287-z)	Signoriello, E. Mallardo, M. Nigro, E. Polito, R. Casertano, S. Di Pietro, A. Coletta, M. Monaco, M.L. Rossi, F. Lus, G. Daniele, A.	2021	Molecular Neurobiology	2	10.1007/s12035-021-02331-y
ROBustness In Network (robin): an R Package for Comparison and Validation of Communities	Policastro, V. Righelli, D. Carissimo, A. Cutillo, L. de Feis, I.	2021	R Journal	1	10.32614/rj-2021-040
Functional coupling between dna replication and sister chromatid cohesion establishment	Boavida, A. Santos, D. Mahtab, M. Pisani, F.M.	2021	International Journal of Molecular Sciences	2	10.3390/ijms22062810
Tetrahydroquinazole-based secondary sulphonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IV, and IX, and computational studies	Baglini, E. Ravichandran, R. Berrino, E. Salerno, S. Barresi, E. Marini, A.M. Viviano, M. Castellano, S. Da Settimo, F. Supuran, C.T. Cosconati, S. Taliani, S.	2021	Journal of Enzyme Inhibition and Medicinal Chemistry	3	10.1080/14756366.2021.1956913
HLA class II genes in precision-based care of childhood diseases: what we can learn from celiac disease	Del Pozzo, G. Farina, F. Picascia, S. Laezza, M. Vitale, S. Gianfrani, C.	2021	Pediatric Research	5	10.1038/s41390-020-01217-4

Adiponectin and leptin exert antagonizing effects on proliferation and motility of papillary thyroid cancer cell lines	Nigro, E. Orlandella, F.M. Polito, R. Mariniello, R.M. Monaco, M.L. Mallardo, M. De Stefano, A.E. Iervolino, P.L.C. Salvatore, G. Daniele, A.	2021	Journal of Physiology and Biochemistry	13	10.1007/s13105-021-00789-x
Human MicroRNAs Interacting With SARS-CoV-2 RNA Sequences: Computational Analysis and Experimental Target Validation	Siniscalchi, C. Di Palo, A. Russo, A. Potenza, N.	2021	Frontiers in Genetics	23	10.3389/fgene.2021.678994
AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells	Mallardo, M. Costagliola, C. Nigro, E. Daniele, A.	2021	Peptides	3	10.1016/j.peptides.2021.170676
Adiponectin in Cerebrospinal Fluid from Patients Affected by Multiple Sclerosis Is Correlated with the Progression and Severity of Disease	Signoriello, E. Mallardo, M. Nigro, E. Polito, R. Casertano, S. Di Pietro, A. Coletta, M. Monaco, M.L. Rossi, F. Lus, G. Daniele, A.	2021	Molecular Neurobiology	7	10.1007/s12035-021-02287-z
Treatment with sera from Water Polo athletes activates AMPKα and ACC proteins in HepG2 hepatoma cell line	Polito, R. Monaco, M.L. Mallardo, M. Elce, A. Daniele, A. Nigro, E.	2021	Sport Sciences for Health	1	10.1007/s11332-021-00742-x
Actin remodeling driven by circLIMA1: sperm cell as an intriguing cellular model	Manfrevola, F. Potenza, N. Chioccarelli, T. Di Palo, A. Siniscalchi, C. Porreca, V. Scialla, A. Mele, V.G. Petito, G. Russo, A. Lanni, A. Senese, R. Ricci, G. Pierantoni, R. Chianese, R. Cobellis, G.	2022	International Journal of Biological Sciences	2	10.7150/ijbs.76261
Polystyrene nanoplastics affect the human ubiquitin structure and ubiquitination in cells: a high-resolution study	della Valle, M. D'Abrosca, G. Gentile, M.T. Russo, L. Isernia, C. Di Gaetano, S. Avolio, R. Castaldo, R. Cocca, M. Gentile, G. Malgieri, G. Errico, M.E. Fattorusso, R.	2022	Chemical Science	4	10.1039/d2sc04434j
Synthesis of hyaluronic acid core-shell nanoparticles via simple microfluidic-assisted nanoprecipitation method for active tumor targeting	Fabozzi, A. Della Sala, F. di Gennaro, M. Borzacchiello, A.	2022	New Journal of Chemistry	6	10.1039/d2nj03279a
Development of novel dipeptide nitriles as inhibitors of rhodesain of Trypanosoma brucei rhodesiense	Di Chio, C. Previti, S. Amendola, G. Ravichandran, R. Wagner, A. Cosconati, S. Hellmich, U.A. Schirmeister, T. Zappalà, M. Ettari, R.	2022	European Journal of Medicinal Chemistry	10	10.1016/j.ejmech.2022.114328
The mismatch-repair proteins MSH2 and MSH6 interact with the imprinting control regions through the ZFP57-KAP1 complex	Acurzio, B. Cecere, F. Giaccari, C. Verma, A. Russo, R. Valletta, M. Hay Mele, B. Angelini, C. Chambery, A. Riccio, A.	2022	Epigenetics and Chromatin	0	10.1186/s13072-022-00462-7
Effect of Gliadin Stimulation on HLA-DQ2.5 Gene Expression in Macrophages from Adult Celiac Disease Patients	Farina, F. Pisapia, L. Laezza, M. Serena, G. Rispo, A. Ricciolino, S. Gianfrani, C. Fasano, A. Del Pozzo, G.	2022	Biomedicines	5	10.3390/biomedicines10010063
Cannabidiolic Acid in Hemp Seed Oil Table Spoon and Beyond	Nigro, E. Pecoraro, M.T. Formato, M. Piccolella, S. Ragucci, S. Mallardo, M. Russo, R. Di Maro, A. Daniele, A. Pacifico, S.	2022	Molecules	7	10.3390/molecules27082566
Development of Urea-Bond-Containing Michael Acceptors as Antitrypanosomal Agents Targeting Rhodesain	Previti, S. Ettari, R. Calcaterra, E. Di Chio, C. Ravichandran, R. Zimmer, C. Hammerschmidt, S. Wagner, A. Bogacz, M. Cosconati, S. Schirmeister, T. Zappalà, M.	2022	ACS Medicinal Chemistry Letters	8	10.1021/acsmchemlett.2c00084
Effect of Cannabidiolic Acid, N-Trans-Caffeoyltyramine and Cannabisin B from Hemp Seeds on microRNA Expression in Human Neural Cells	Di Palo, A. Siniscalchi, C. Crescente, G. De Leo, I. Fiorentino, A. Pacifico, S. Russo, A. Potenza, N.	2022	Current Issues in Molecular Biology	3	10.3390/cimb44100347
Different Mechanisms Cause Hypomethylation of Both H19 and KCNQ10T1 Imprinted Differentially	Passaretti, F. Pignata, L. Vitiello, G. Alesi, V. D'Elia, G. Cecere, F. Acquaviva, F. De Brasi, D. Novelli, A. Riccio, A. Iolascon, A. Cerrato, F.	2022	Genes	2	10.3390/genes13101875

Methylated Regions in Two Cases of Silver–Russell Syndrome Spectrum						
Development of Reduced Peptide Bond Pseudopeptide Michael Acceptors for the Treatment of Human African Trypanosomiasis	Previti, S. Ettari, R. Di Chio, C. Ravichandran, R. Bogacz, M. Hellmich, U.A. Schirmeister, T. Cosconati, S. Zappalà, M.	2022	Molecules	7	10.3390/molecules27123765	
Inhibition of carbonic anhydrases IX/XII by SLC-0111 boosts cisplatin effects in hampering head and neck squamous carcinoma cell growth and invasion	Sarnella, A. Ferrara, Y. Auletta, L. Albanese, S. Cerchia, L. Alterio, V. De Simone, G. Supuran, C.T. Zannetti, A.	2022	Journal of Experimental and Clinical Cancer Research	16	10.1186/s13046-022-02345-x	
The lncRNAs at X Chromosome Inactivation Center: Not Just a Matter of Sex Dosage Compensation	Siniscalchi, C. Di Palo, A. Russo, A. Potenza, N.	2022	International Journal of Molecular Sciences	11	10.3390/ijms23020611	
Mild Endurance Exercise during Fasting Increases Gastrocnemius Muscle and Prefrontal Cortex Thyroid Hormone Levels through Differential BHB and BCAA-Mediated BDNF-mTOR Signaling in Rats	Giacco, A. Cioffi, F. Cuomo, A. Simiele, R. Senese, R. Silvestri, E. Amoresano, A. Fontanarosa, C. Petito, G. Moreno, M. Lanni, A. Lombardi, A. de Lange, P.	2022	Nutrients	4	10.3390/nu14061166	
Novel Insights on Pyoverdine: From Biosynthesis to Biotechnological Application	Dell'Anno, F. Vitale, G.A. Buonocore, C. Vitale, L. Palma Esposito, F. Coppola, D. Della Sala, G. Tedesco, P. de Pascale, D.	2022	International Journal of Molecular Sciences	6	10.3390/ijms231911507	
Novel genetic variants of KHDC3L and other members of the subcortical maternal complex associated with Beckwith–Wiedemann syndrome or Pseudohypoparathyroidism 1B and multi-locus imprinting disturbances	Pignata, L. Cecere, F. Verma, A. Hay Mele, B. Monticelli, M. Acurzio, B. Giaccari, C. Sparago, A. Hernandez Mora, J.R. Monteagudo-Sánchez, A. Esteller, M. Pereda, A. Tenorio-Castano, J. Palumbo, O. Carella, M. Prontera, P. Piscopo, C. Accadia, M. Lapunzina, P. Cubellis, M.V. de Nancraes, G.P. Monk, D. Riccio, A. Cerrato, F.	2022	Clinical Epigenetics	6	10.1186/s13148-022-01292-w	
miR-181a/b downregulation: a mutation-independent therapeutic approach for inherited retinal diseases	Carrella, S. Di Guida, M. Brillante, S. Piccolo, D. Ciampi, L. Guadagnino, I. Garcia Piqueras, J. Pizzo, M. Marrocco, E. Molinari, M. Petrogiannakis, G. Barbato, S. Ezhova, Y. Auricchio, A. Franco, B. De Leonibus, E. Surace, E.M. Indrieri, A. Banfi, S.	2022	EMBO Molecular Medicine	3	10.15252/emmm.202215941	
Isolation and Identification of Lactic Acid Bacteria from Natural Whey Cultures of Buffalo and Cow Milk	Marasco, R. Gazzillo, M. Campolattano, N. Sacco, M. Muscariello, L.	2022	Foods	4	10.3390/foods11020233	
A Hyaluronic Acid-Based Formulation with Simultaneous Local Drug Delivery and Antioxidant Ability for Active Viscosupplementation	Makvandi, P. Della Sala, F. Di Gennaro, M. Solimando, N. Pagliuca, M. Borzacchiello, A.	2022	ACS Omega	7	10.1021/acsomega.1c05622	
Advances in Hyaluronic-Acid-Based (Nano)Devices for Cancer Therapy	Della Sala, F. Fabozzi, A. di Gennaro, M. Nuzzo, S. Makvandi, P. Solimando, N. Pagliuca, M. Borzacchiello, A.	2022	Macromolecular Bioscience	15	10.1002/mabi.202100304	
High-Resolution Conformational Analysis of RGDechi-Derived Peptides Based on a Combination of NMR Spectroscopy and MD Simulations	Acconcia, C. Paladino, A. Valle, M.D. Farina, B. Del Gatto, A. Gaetano, S.D. Capasso, D. Gentile, M.T. Malgieri, G. Isernia, C. Saviano, M. Fattorusso, R. Zaccaro, L. Russo, L.	2022	International Journal of Molecular Sciences	0	10.3390/ijms231911039	

Hyaluronic Acid-Based Wound Dressing with Antimicrobial Properties for Wound Healing Application	Della Sala, F. Longobardo, G. Fabozzi, A. Di Gennaro, M. Borzacchiello, A.	2022	Applied Sciences (Switzerland)	30	10.3390/app12063091
Optical Control of Tissue Regeneration through Photostimulation of Organic Semiconducting Nanoparticles	Onorato, G. Fardella, F. Lewinska, A. Gobbo, F. Tommasini, G. Wnuk, M. Tino, A. Moros, M. Antognazza, M.R. Tortiglione, C.	2022	Advanced Healthcare Materials	4	10.1002/adhm.202200366
Circulating microRNAs in Hidradenitis Suppurativa	De Felice, B. Montanino, C. Mallardo, M. Babino, G. Mattered, E. Ragozzino, G. Argenziano, G. Daniele, A. Nigro, E.	2022	Genes	3	10.3390/genes13091544
Ensemble-based high-throughput virtual screening of natural ligands using the Super Natural-II database against cell-wall protein dTDP-4-dehydrorhamnose reductase (RmlD) in Mycobacterium tuberculosis	Ravichandran, R. Ridzwan, N.F.W. Mohamad, S.B.	2022	Journal of Biomolecular Structure and Dynamics	3	10.1080/07391102.2020.1867641
A dual-function SNF2 protein drives chromatid resolution and nascent transcripts removal in mitosis	Carmo, C. Coelho, J. Silva, R.D. Tavares, A. Boavida, A. Gaetani, P. Guilgur, L.G. Martinho, R.G. Oliveira, R.A.	2023	EMBO Reports	0	10.15252/embr.202256463
ICF1-Syndrome-Associated DNMT3B Mutations Prevent De Novo Methylation at a Subset of Imprinted Loci during iPSC Reprogramming	Verma, A. Poondi Krishnan, V. Cecere, F. D'Angelo, E. Lullo, V. Strazzullo, M. Selig, S. Angelini, C. Matarazzo, M.R. Riccio, A.	2023	Biomolecules	0	10.3390/biom13121717
MucR from Sinorhizobium meliloti: New Insights into Its DNA Targets and Its Ability to Oligomerize	Slapakova, M. Sgambati, D. Pirone, L. Russo, V. D'Abrosca, G. Valletta, M. Russo, R. Chambery, A. Malgieri, G. Pedone, E.M. Dame, R.T. Pedone, P.V. Baglivo, I.	2023	International Journal of Molecular Sciences	0	10.3390/ijms241914702
Design of functional nanoparticles by microfluidic platforms as advanced drug delivery systems for cancer therapy	Fabozzi, A. Della Sala, F. di Gennaro, M. Barretta, M. Longobardo, G. Solimando, N. Pagliuca, M. Borzacchiello, A.	2023	Lab on a Chip	16	10.1039/d2lc00933a
Adiponectin Increase in Patients Affected by Chronic Obstructive Pulmonary Disease with Overlap of Bronchiectasis	Nigro, E. Mosella, M. Daniele, A. Mallardo, M. Accardo, M. Bianco, A. Perrotta, F. Scialò, F.	2023	Life	2	10.3390/life13020444
Design of non-spherical poly (lactic-co-glycolic acid) nanoparticles functionalized with hyaluronic acid for active tumor targeting	Fabozzi, A. Barretta, M. Della Sala, F. Longobardo, G. di Gennaro, M. Russo, T. Gloria, A. Borzacchiello, A.	2023	Journal of Drug Delivery Science and Technology	0	10.1016/j.jddst.2023.104836
Evaluation of Antimicrobial Properties and Potential Applications of Pseudomonas gessardii M15 Rhamnolipids towards Multiresistant Staphylococcus aureus	Buonocore, C. Giugliano, R. Della Sala, G. Palma Esposito, F. Tedesco, P. Folliero, V. Galdiero, M. Franci, G. de Pascale, D.	2023	Pharmaceutics	2	10.3390/pharmaceutics15020700
Co-Occurrence of Beckwith–Wiedemann Syndrome and Early-Onset Colorectal Cancer	Cecere, F. Pignata, L. Hay Mele, B. Saadat, A. D'Angelo, E. Palumbo, O. Palumbo, P. Carella, M. Scarano, G. Rossi, G.B. Angelini, C. Sparago, A. Cerrato, F. Riccio, A.	2023	Cancers	2	10.3390/cancers15071944
The recurrent pathogenic Pro890Leu substitution in CLTC causes a generalized defect in synaptic transmission in Caenorhabditis elegans	Pannone, L. Muto, V. Nardecchia, F. Di Rocco, M. Marchei, E. Tosato, F. Petrini, S. Onorato, G. Lanza, E. Bertuccini, L. Manti, F. Folli, V. Galosi, S. Di Schiavi, E. Leuzzi, V. Tartaglia, M. Martinelli, S.	2023	Frontiers in Molecular Neuroscience	0	10.3389/fnmol.2023.1170061
New Imidazolium Alkaloids with Broad Spectrum of Action from the Marine Bacterium Shewanella aquimarina	Giugliano, R. Della Sala, G. Buonocore, C. Zannella, C. Tedesco, P. Palma Esposito, F. Ragozzino, C. Chianese, A. Morone, M.V. Mazzella, V. Núñez-Pons, L. Folliero, V. Franci, G. De Filippis, A. Galdiero, M. de Pascale, D.	2023	Pharmaceutics	0	10.3390/pharmaceutics15082139

PLGA microparticle formulations for tunable delivery of a nano-engineered filamentous bacteriophage-based vaccine: in vitro and in silico-supported approach	Jamaleddin, R. Sartorius, R. Di Natale, C. Onesto, V. Manco, R. Mollo, V. Vecchione, R. De Berardinis, P. Netti, P.A.	2023	Journal of Nanostructure in Chemistry	3	10.1007/s40097-022-00519-9
In vitro differentiation of macrophages from peripheral blood cells of celiac patients	Farina, F. Laezza, M. Fasano, A. Del Pozzo, G.	2023	Methods in Cell Biology	0	10.1016/bs.mcb.2023.01.005
Co-Delivery of the Human NY-ESO-1 Tumor-Associated Antigen and Alpha-GalactosylCeramide by Filamentous Bacteriophages Strongly Enhances the Expansion of Tumor-Specific CD8+ T Cells	Manco, R. D'Apice, L. Trovato, M. Lione, L. Salvatori, E. Pinto, E. Compagnone, M. Aurisicchio, L. De Berardinis, P. Sartorius, R.	2023	Viruses	1	10.3390/v15030672
Relevance of Spike/Estrogen Receptor-α interaction for endothelial-based coagulopathy induced by SARS-CoV-2	Barbieri, S.S. Cattani, F. Sandrini, L. Grillo, M.M. Amendola, A. Valente, C. Talarico, C. Iaconis, D. Turacchio, G. Lucariello, M. Lione, L. Salvatori, E. Amadio, P. Garoffolo, G. Maffei, M. Galli, F. Beccari, A.R. Sberna, G. Marra, E. Zoppi, M. Michaelides, M. Roscilli, G. Aurisicchio, L. Bertini, R. Allegretti, M. Pesce, M.	2023	Signal Transduction and Targeted Therapy	0	10.1038/s41392-023-01488-3
Co-occurrence of Beckwith-Wiedemann syndrome and pseudohypoparathyroidism type 1B: coincidence or common molecular mechanism?	Pignata, L. Cecere, F. Acquaviva, F. D'Angelo, E. Cioffi, D. Pellino, V. Palumbo, O. Palumbo, P. Carella, M. Sparago, A. De Brasi, D. Cerrato, F. Riccio, A.	2023	Frontiers in Cell and Developmental Biology	0	10.3389/fcell.2023.1237629
A robust nanoLC high-resolution mass spectrometry methodology for the comprehensive profiling of lactic acid bacteria in milk kefir	Valletta, M. Campolattano, N. De Chiara, I. Marasco, R. Singh, V.P. Muscariello, L. Pedone, P.V. Chambery, A. Russo, R.	2023	Food Research International	0	10.1016/j.foodres.2023.113298
Improvement of adiponectin in relation to physical performance and body composition in young obese males subjected to twenty-four weeks of training programs	Mallardo, M. D'Alleva, M. Lazzer, S. Giovanelli, N. Graniero, F. Billat, V. Fiori, F. Marinoni, M. Parpinel, M. Daniele, A. Nigro, E.	2023	Heliyon	0	10.1016/j.heliyon.2023.e15790
The Effects of Adiponectin on the Behavior of B-Cell Leukemia Cells: Insights from an In Vitro Study	Mallardo, M. Scalia, G. Raia, M. Daniele, A. Nigro, E.	2023	Biomedicines	0	10.3390/biomedicines11092585
Characterization of Complexes between Imidacloprid and β-Cyclodextrin: Evaluation of the Toxic Activity in Algae and Rotifers	Lavorgna, M. Dragone, M. Russo, C. D'Abrosca, G. Nugnes, R. Orlo, E. della Valle, M. Isernia, C. Malgieri, G. Iacovino, R. Isidori, M.	2023	Molecules	0	10.3390/molecules28073049
Adiponectin, Leptin, and Resistin Are Dysregulated in Patients Infected by SARS-CoV-2	Perrotta, F. Scialò, F. Mallardo, M. Signoriello, G. D'Agnano, V. Bianco, A. Daniele, A. Nigro, E.	2023	International Journal of Molecular Sciences	8	10.3390/ijms24021131
Definition of the transcriptional units of inherited retinal disease genes by meta-analysis of human retinal transcriptome data	Ruiz-Ceja, K.A. Capasso, D. Pinelli, M. Del Prete, E. Carrella, D. di Bernardo, D. Banfi, S.	2023	BMC Genomics	0	10.1186/s12864-023-09300-w
Insight into the on/off switch that regulates expression of the MSMEG-3762/63 efflux pump in Mycobacterium smegmatis	Campolattano, N. D'Abrosca, G. Russo, L. De Siena, B. Della Gala, M. De Chiara, I. Marasco, R. Goff, A. Waddell, S.J. Sacco, M. Muscariello, L.	2023	Scientific Reports	0	10.1038/s41598-023-47695-4
Dietary Fatty Acids Contribute to Maintaining the Balance between Pro-Inflammatory and Anti-Inflammatory Responses during Pregnancy	Policastro, V. Righelli, D. Ravà, L. Vernocchi, P. Bianchi, M. Vallone, C. Signore, F. Manco, M.	2023	Nutrients	0	10.3390/nu15112432

Inhibition of Bone Marrow-Mesenchymal Stem Cell-Induced Carbonic Anhydrase IX Potentiates Chemotherapy Efficacy in Triple-Negative Breast Cancer Cells	Sarnella, A. Ferrara, Y. Albanese, S. Omodei, D. Cerchia, L. De Simone, G. Supuran, C.T. Zannetti, A.	2023	Cells	5	10.3390/cells12020298
Thermoresponsive Materials: Properties, Design, and Applications	Di Gennaro, M. Della Sala, F. Fabozzi, A. Longobardo, G. Borzacchiello, A.	2023	ACS Symposium Series	0	10.1021/bk-2023-1436.ch004
Exercise Equals the Mobilization of Visceral versus Subcutaneous Adipose Fatty Acid Molecules in Fasted Rats Associated with the Modulation of the AMPK/ATGL/HSL Axis	Zotti, T. Giacco, A. Cuomo, A. Cerulo, L. Petito, G. Iervolino, S. Senese, R. Cioffi, F. Vito, P. Cardinale, G. Silvestri, E. Lombardi, A. Moreno, M. Lanni, A. de Lange, P.	2023	Nutrients	0	10.3390/nu15143095
Exploring Oceans for Curative Compounds: Potential New Antimicrobial and Anti-Virulence Molecules against Pseudomonas aeruginosa	Coppola, D. Buonocore, C. Palisse, M. Tedesco, P. de Pascale, D.	2023	Marine Drugs	0	10.3390/md21010009
Adiponectin Alleviates Cell Injury due to Cerebrospinal Fluid from Multiple Sclerosis Patients by Inhibiting Oxidative Stress and Proinflammatory Response	Mallardo, M. Signoriello, E. Lus, G. Daniele, A. Nigro, E.	2023	Biomedicines	1	10.3390/biomedicines11061692
PARP1 negatively regulates MAPK signaling by impairing BRAF-X1 translation	Marranci, A. Prantero, A. Masotti, S. De Paolo, R. Baldanzi, C. Podda, M.S. Mero, S. Vitiello, M. Franchin, C. Laezza, M. Comelli, L. Arrigoni, G. Cervelli, T. Del Pozzo, G. Polisenio, L.	2023	Journal of Hematology and Oncology	3	10.1186/s13045-023-01428-2
Enhanced production of biobased, biodegradable, Poly(3-hydroxybutyrate) using an unexplored marine bacterium Pseudohalocynthiibacter aestuariivivens, isolated from highly polluted coastal environment	Esposito, F.P. Vecchiato, V. Buonocore, C. Tedesco, P. Noble, B. Basnett, P. de Pascale, D.	2023	Bioresource Technology	6	10.1016/j.biortech.2022.128287
Effect of Composition of Lung Biomimetic Niche on the Mesenchymal Stem Cell Differentiation toward Alveolar Type II Pneumocytes	Della Sala, F. di Gennaro, M. Lista, G. Messina, F. Valente, T. Borzacchiello, A.	2023	Macromolecular Bioscience	3	10.1002/mabi.202300035