

PROGETTI DI RICERCA 2020-2022 FINANZIATI E/O PRESENTATI

ACRONIMO DEL PROGETTO	TITOLO DEL PROGETTO	DOMINIO PROGETTO	STATO DEL PROGETTO	DATA INIZIO EFFETTIVA	DATA FINE EFFETTIVA
nanomir	Progetti di ricerca applicata e a carattere industriale per RTD di tipo A e B *Programma di Ateneo V:ALERE 2020	ATENEO	Finanziato	15/03/2020	15/09/2020
circe	Cysteine protease come bersaglio nel cancro del colon retto	ATENEO	Finanziato	14/07/2020	14/01/2021
EPInhibitDRUG re	Unraveling the role of m6A-EPitranscriptome in determining BET inhibitors DRUG resistance in leukemia	ATENEO	Finanziato	14/07/2020	14/01/2021
magica	Mitochondrial tArget EpidruG: a metabolic evaluAtion	ATENEO	Finanziato	14/07/2020	14/01/2021
MUC3R	Towards a mechanistic understanding of clonal regulation in colorectal cancer	ATENEO	Finanziato	01/09/2020	01/03/2021
NET WINS	Nivolumab and Entinostat: Two WINning Partners to Improve the Immunotherapy of Hot Colorectal CancerS	ATENEO	Finanziato	01/09/2020	01/03/2021
lipopro	Milk and lipidomic profiling in colorectal cancer	ATENEO	Finanziato	01/09/2020	28/02/2021
DESIRE	Drug rEpurposing": from proStatlc to pancReatic cancer	ATENEO	Finanziato	01/09/2020	01/03/2021
4iMPanC	Evaluation of the Forskolin-mediated immunomodulator properties in Pancreatic Cancer	ATENEO	Finanziato	04/09/2020	31/12/2021
Cathe	Cathepsin B -mediated delivery of anticancer agents for the treatment of colorectal cancer	NAZIONALE	Presentato	01/01/2021	-
EPIK	Exploiting necroPtosis deregulation in leuKaemia	INTERNAZIONALE	Presentato	04/01/2021	04/01/2024
IDENTIQUA	Produzioni Agro Alimentari dell'Alta Irpinia ricche di Antocianine: Innovazione e Valorizzazione da Studi integrati di Caratterizzazione Nutraceutica e Genetica.	REGIONALE	Finanziato	25/03/2021	25/06/2023
REGINELLI PRIN 2020	REASONING: foRmal mEthods for computAtional analySis for diagnOsis and progNosis in imagING	NAZIONALE	Finanziato	01/11/2021	01/11/2024
CANSERV	Providing cutting edge cancer research services across Europe	INTERNAZIONALE	Finanziato	02/11/2021	02/11/2026
CIRCE	Cysteine protease as target for drug delivery in advanced state colorectal cancer	REGIONALE	Finanziato	09/12/2021	02/12/2022
Mechanistic understanding of NADPH oxidases and their roles in ROS biology	Mechanistic understanding of NADPH oxidases and their roles in ROS biology	NAZIONALE	Approvato internamente	01/01/2022	01/01/2025
MFAG DELLA CORTE	GLI INIBITORI DELLA classe DDR SOSTENGONO L'ATTIVAZIONE DI PERCORSI DI IMMUNITÀ innata E SUPERANO LA RESISTENZA ALL'IMMUNOTERAPIA NEL Microcitoma polmonare	NAZIONALE	Finanziato	02/01/2022	02/01/2027
gliomir	Targeting mechanisms of therapy resistance in glioblastoma by miRNA delivery	ATENEO	Finanziato	01/09/2022	01/12/2023
PRMT1 inhibitor plus MEK inhibitor	TYPE I PRMT INHIBITOR IN COMBINATION WITH MEK INHIBITOR: A NEW PROMISING	ATENEO	Finanziato	01/09/2022	01/09/2023

in RAS mutated CRC	TREATMENT FOR RAS MUTATED COLORECTAL CANCER				
V:COLO	Multi-molecular framework aiming to predict response to therapies in CMS4 colorectal cancer	ATENEO	Finanziato	01/09/2022	01/09/2023
IDEA	Identifying novel therapeutic epi-targets and molecules to treat leukemia	ATENEO	Finanziato	01/09/2022	01/09/2023
EPIGENIUS-SARS-CoV-2	Basi (EPI)GENetiche virali e dell'ospite di suscettibilità alla infezione da SARS-CoV-2	REGIONALE	Finanziato	02/01/2023	30/09/2023
MIRANDA	Metabolism Remodeling pancreatic Ductal Adenocarcinoma	ATENEO	Finanziato	30/09/2022	31/12/2023
SARS-Cov2	analisi Molecolare e tipizzazione linfocitaria finalizzata al monitoraggio della memoria immunitaria nell'infezione da SARS-Cov2	REGIONALE	Approvato internamente	01/10/2022	01/04/2023
'Riposizionamento di farmaci per contrastare la fibrosi polmonare in pazienti post Covid-19'	'Riposizionamento di farmaci per contrastare la fibrosi polmonare in pazienti post Covid-19'	REGIONALE	Finanziato	01/10/2022	01/10/2023
Kip2PTMCaTR	Role of p57Kip2 and its Post-Translational Modifications in Cancer Therapy Resistance	ATENEO	Finanziato	01/10/2022	01/10/2023
CARE-RT	CARDioimaging in lung cancer patients undergoing radical RadioTherapy	ATENEO	Finanziato	03/10/2022	03/01/2024
iRESCUE	Investigating the Role of adipokines in nSCLC immunotherapy response	ATENEO	Finanziato	03/10/2022	03/01/2024
Lab-on-a-Chip	Sviluppo di nuovi dispositivi Lab-on-a-Chip per la rapida detection e monitoraggio di marcatori associati alla Long Term COVID Syndrome in pazienti con insufficienza renale cronica	REGIONALE	Finanziato	20/10/2022	15/12/2023
STUPORANIMA	STudio Pilota sull'utilizzo degli Organoidi come alternativa al modello ANIMALE	NAZIONALE	Finanziato	30/12/2022	30/12/2024
ENDOTARGET	Project: 101095084 — ENDOTARGET	EUROPEO	Finanziato	01/01/2023	01/01/2026
EDUCATE	Neurogenesis and Disease: training to uncode the dark matter of the genome	EUROPEO	Presentato	-	-
VEZ-X	Revolutionising exosome isolation: Commercialisation of a highly efficient, scalable platform for highquality, high-quantity exosome isolation	EUROPEO	Presentato	-	-
SystemicR	Systems-level understanding of innate immune influence on cancer therapeutic resistance	EUROPEO	Presentato	-	-
SSAS-WORLD	A worldwide postdoctoral program to foster interdisciplinary research excellence for the Sustainable Development Goals (SSAS-WORLD)	EUROPEO	Presentato	-	-
dAbetes	Federated virtual twins for privacy-preserving personalised outcome prediction of type 2 diabetes treatment	EUROPEO	Presentato	-	-
SIRENE	Services for Environment and Health Risk Assessment	EUROPEO	Presentato	-	-
Epi-BTK	UVI5008, the Next Generation BTK Epi-Inhibitor	INTERNAZIONALE	Presentato	-	-
EPI-BRIDGE	Epigenetics: Transcending barriers between research traditions for maximizing societal outcomes	INTERNAZIONALE	Presentato	-	-

CBX2-TAG	Targeting CBX2 against human cancer	NAZION ALE	Presentat o	-	-
FIDAC6	Harnessing selective histone deacetylase 6 (HDAC6) inhibition to tackle inflammation and fibrotic remodeling in cystic fibrosis	NAZION ALE	Presentat o	-	-
Epi-MET	Titolo del progetto: Epi- MET - Funzionalizzazione delle aberrazioni (epi)genomiche nei tumori metastatici	NAZION ALE	Presentat o	-	-
EpiGLIO	Defining the role of the lysine methyltransferase SETD8 as a novel epigenetic target for the therapy of glioblastomas	NAZION ALE	Presentat o	-	-
HIBP	Transferring healthy longevity recombinant protein to counteract sepsis-associated immune dysfunctions and hemodynamic effects	NAZION ALE	Presentat o	-	-
RENEW	REcovery of Natural Epi-bioactive molecules from dairy and olive processing Waste for the development of Nutraceuticals	INTERN AZIONA LE	Valutato positivam ente ma non finanziato	-	-
Changes in the metabolomic profile and the gut microbiota composition induced by milk whey dietary supplementation: insight on novel potential molecules involved in metabolic and vascular abnormalities due to diabetes.	Changes in the metabolomic profile and the gut microbiota composition induced by milk whey dietary supplementation: insight on novel potential molecules involved in metabolic and vascular abnormalities due to diabetes.	NAZION ALE	Presentat o	-	-
PRIN 2022 BALESTRIERI	Functionalized buffalo milk with a One-health approach: from animal precision feeding to cardiometabolic risk prevention in type 2	NAZION ALE	Presentat o	-	-
BANFI PRIN 2020	MicroRNAs miR-181a and b as new therapeutics targets in mitochondrial-mediated neurodegenerations	NAZION ALE	Finanziato	01/04/2022	31/03/2025
PRIN2022_PNR R_Banfi	Ciliopathies: OMICS-based dissection of specific pathophysiological events	NAZION ALE	Presentat o	-	-
PNRR2022_Banfi	Transcriptome atlas at single cell level across the main phases of photoreceptor degeneration in Retinitis Pigmentosa	NAZION ALE	Presentat o	-	-
MOM'S WEFT	Mobilization of human oral mesenchymal stromal cells with electromagnetic field and oxygen pressure control for post-natal tissue repair.	ATENEO	Valutato positivam ente ma non finanziato	-	-
GaSMiMP	Germline and Somatic Mutations in Myeloproliferative Phenotypes	NAZION ALE	Valutato positivam ente ma non finanziato	-	-
CNSp27p57	Understanding the key role of p27Kip1 and p57Kip2 regulation at the nodal crossroad between neural and glial commitment in central nervous system pathophysiology: clues for myelin repair therapy options	NAZION ALE	Presentat o	-	-

CORAL	Characterization of the Oncogenic role of RIPKs in Acute Leukaemia	INTERNAZIONALE	Presentato	-	-
TargetVerse	Proof - of - concept workflow for mining the Universe of macromolecular RNA complexes as Drug Targets	INTERNAZIONALE	Valutato positivamente ma non finanziato	-	-
PrediCovS	Identificazione di alleli HLA e RNA non codificanti come fattori predittivi di suscettibilità all'infezione da SARS-CoV-2 e di severità del COVID-19	NAZIONALE	Presentato	-	-
AIRC CARAGLIA 2022	Delivery of anti-miR-223 as new therapeutic opportunity in squamous head and neck cancer: from in vitro to zebrafish	NAZIONALE	Presentato	-	-
FINALIZZATA CARAGLIA 2022	The role of extracellular vesicles in tumor progression and tumor microenvironment metabolic reprogramming: influence of mutational status and cancer therapy	NAZIONALE	Presentato	-	-
PRIN caraglia2022	Modeling Cushing's disease in zebrafish: xenograft of ACTH-secreting tumor cells in a biosensor transgenic line for glucocorticoid activity	NAZIONALE	Presentato	-	-
spiraGLIO	Strategie innovative basate sulla veicolazione di microRNA in nanovettori teranostici per il superamento della chemioresistenza nel Glioblastoma	REGIONALE	Presentato	-	-
Targeting the epigenome in cancer: identification and analysis of the effects of novel inhibitors of chromatin readers in breast, thyroid and prostate cancer.	Targeting the epigenome in cancer: identification and analysis of the effects of novel inhibitors of chromatin readers in breast, thyroid and prostate cancer.	NAZIONALE	Presentato	-	-
NICHE	an ecological approach to dissect 2d-cell interaction in ovarian cancer	EUROPEO	Valutato negativamente	-	-
INNOVA	Drugs repurposing to destroy ovarian cancer stem cells and win the battle of recurrence	INTERNAZIONALE	Presentato	-	-
Fibrosis	Cell identity in lung regeneration and fibrosis	NAZIONALE	Valutato negativamente	-	-
COVID	Polmonite da COVID19	REGIONALE	Valutato positivamente ma non finanziato	-	-
BIO.MIR.CIRC	Detection of circulating miRNAs through innovative biosensors for the early diagnosis and prognosis of laryngeal squamous carcinoma (LSCC)	ATENEEO	Valutato positivamente ma non finanziato	-	-
smfc VHL	IDENTIFICATION OF NOVEL STRUCTURAL/METABOLIC/FUNCTIONAL CONSEQUENCES OF VHL INACTIVATION:	INTERNAZIONALE	Valutato positivamente ma	-	-

	IMPORTANCE IN THE KNOWLEDGE OF MECHANICISTIC BASES OF VHL-ASSOCIATED DISEASES		non finanziato		
A multidisciplinary strategy pursuing the insertion of TRPM8 with androgen/AR axis as a novel therapeutic target in Melanoma and breast cancer diseases	A multidisciplinary strategy pursuing the insertion of TRPM8 with androgen/AR axis as a novel therapeutic target in Melanoma and breast cancer diseases	NAZION ALE	Presentato	-	-
GENTILE PRIN 2020	Identification and characterization of new neuro-nutraceuticals against Alzheimer's disease.	NAZION ALE	Valutato negativamente	-	-
TG2	Identificazione e caratterizzazione di sostanze naturali con attività antiinfiammatoria sull'espressione e sull'attività della Transglutaminasi 2	NAZION ALE	Presentato	-	-
Role of Sex steroid receptors in Pancreatic cancer	Role of Sex steroid receptors in Pancreatic cancer	INTERNAZIONALE	Presentato	-	-
Modulation of non-canonical targets for the treatment of pharmacoresistant breast and prostate cancers: an integrated, multidisciplinary drug discovery approach to hormone-related cancers	Modulation of non-canonical targets for the treatment of pharmacoresistant breast and prostate cancers: an integrated, multidisciplinary drug discovery approach to hormone-related cancers	NAZION ALE	Valutato negativamente	-	-
Treating the untreatable: novel approaches toward Triple Negative Breast Cancer (TNBC) therapy	Treating the untreatable: novel approaches toward Triple Negative Breast Cancer (TNBC) therapy	NAZION ALE	Presentato	-	-
A multitarget drug discovery approach for the treatment of pharmacoresistant pancreatic and castrate resistant prostate cancers: an	A multitarget drug discovery approach for the treatment of pharmacoresistant pancreatic and castrate resistant prostate cancers: an integrated medicinal chemistry and pharmacological strategy	NAZION ALE	Presentato	-	-

integrated medicinal chemistry and pharmacological strategy					
IMPACT	Investigating the molecular basis of a vitamin B12 Metabolism inherited disorder: Perspective for A Chaperone inspired Therapy	NAZION ALE	Presentato	-	-
Epi-AML	Deconvoluting AML heterogeneity using an integrated single cell genomics approach	NAZION ALE	Presentato	-	-
CRISPR-based functional screen	Systematic reclassification of Variants of Unknown Significance in cancer-predisposing genes through machine learning applied to CRISPR-based functional screens	NAZION ALE	Presentato	-	-
EPI-GA	Targeting epigenetico contro il carcinoma gastrico	NAZION ALE	Presentato	-	-
PNRR-MR1-2022-12376412	Reducing the economic and social burden of undiagnosed genetic diseases in children: speeding up and standardization of the diagnostic algorithms through international genomics and phenotyping protocol	NAZION ALE	Presentato	-	-
GENERA	Genoma mEdiciNa pERsonalizzatA	NAZION ALE	Presentato	-	-
PNRR_Piluso	PRECISION DIAGNOSIS AND THERAPY FOR RARE DISEASES BY INTERPRETING NON-CODING GENOMES	NAZION ALE	Presentato	-	-
PRIN Porcelli	Therapeutic potential in the management of glioblastoma multiforme of the universal methyl donor S-AM, a multifaceted natural compound endowed with anticancer activity: targeting key glioblastoma signaling pathways and epigenetic alterations.	NAZION ALE	Valutato positivamente ma non finanziato	-	-
LoC-MCP	Development and validation of Lab-on-Chip device based on the optical stretching for Mechanical Cell Phenotyping: a new tool for cell cycle phase and cell differentiation, DNA-damage and cytoskeleton alterations' analysis.	ATENE0	Valutato positivamente ma non finanziato	-	-
ACACIA	A Customized Array Cgh for solving unsolvable genetic diseases	LOCALE	Finanziato	01/09/2020	31/12/2021
AIRCSZ_2022	Targeting stem cell/immune cell crosstalk by miR603 delivery in Glioblastoma to counteract resistance to therapy	NAZION ALE	Presentato	-	-
mfa2022zappavigna)	Nanotech revolution for miRNA delivery: a new tool to overcome glioblastoma chemoresistance by targeting MGMT and IGF1R	NAZION ALE	Presentato	-	-
ZAPPAVIGNA PRIN 2022	Target cancer stem cells by exploiting ncRNAs regulating metabolic pathways to improve therapy outcome in lung cancer	NAZION ALE	Presentato	-	-