Enti finanziatori	Bando	Bando - Nome	Títolo Progetto	Acronimo Progetto	Numero contratto	CUP	Abstract	Coordinatori e Partner	Responsabili Scientific	Costo globale del i Progetto per tutto i partenariato	Costo Totale del Progetto per l'Ateneo - Assegnato (EURO)	Contributo globale del Progetto per tutto il partenariat	Contributo Totale Ateneo - Assegnato (EURO)	9 Settori ERC	Dipartimenti con ruolo - Soggetti interni	Anno Presentazion	Anno ne finanziamento/Appr ovazione	Referente amministrativo	Data di inzio Data di i attività attività	ine Approvazione Ente Finanziatore
M.U.R Ministero dell'Università e dell Ricerca	D.D. n. 1409 del 14- 2022	9- Bando Prin 2022 PNRR	Low-cost, high-safety hydrogen storage into chemically-enhanced dathrate hydrates for energy storage in planetary infrastructures	r BRAVE NEW WORLDS	P20224C3N		temperatures of around 250-280 K, or, importantly, under lower pressures and very low temperatures. Thus, Important features that we want to exploit in this research project are the following: - clathrate hydrates are essentially made up of water, ne accommical, ecological and safe compound par excellence. Having a potentially infinite life cycle,	Università degli Studi G.D'Annunzio di GHIETI; Università degli Studi di BARI "Aldo Moro"; Istituto Nazionale di Astrofisica		238637	118625	238637 1	119625		DIPARTIMENTO DI FARMACIA (Principale)	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al 225 finanziamento n. 1384 del 01.09.2023
M.U.R Ministero dell'Università e dell Ricerca	D.D. n. 1409 del 14- 2022	)- Bando Prin 2022 PMRR	Carbon-High AdsoRption bY Bi- functionalizeD solid Sorbents	CHARYBDIS	P20227NJBI		The goal of the CHARYBDIS project will be the development of functionalized solid sorbent, highly selective and efficient towards CO2 capture in gas mixtures like syngas, flue gas and biogas. The main innovation will be the production of promising materials that intrinsically have lower-risk components and are sustainable from an environmental and economical point of view, creating an interesting, safe and green alternative to the actual separation techniques. Hybrid systems based on the combination of polymers and graphene nanomaterials bearing specific nitrogen functional groups, which are able to behave like specific interactions sites with CO2, will be prepared. To increase their contact surface with gases and their adsorbent capability in Able important techniques. Hybrid systems will be prepared by electrospinning techniques. Note their able to the second their eco- compatibility and their impact on ecosystem will be investigated. The synthetized materials will be further tested in patented reactors to evaluate their capability in CO2 adpurse. Different parameters such as pressure, temperature and time of adsorption/desorption will be tested, as well as several consecutive cycles to assess the durability of the new materials. Moreover, physico-chemical characterization of the adsorberts before and after CO2 adsorption will be achieved by the use of different techniques (Rama Spectroscop, FT-R, NMR, XR0, DSC, Electron Microscope, and Atomic Force Microscope), and Have the sub-reases the study of CCS technologies and their high-ressure processes, involved for many vaers in several intervision their sub-reases the study of CS technologies and their high-ressure processes, involved for many vaers in several intervision marking and terregic for temperatures and pressures. The taboratory of Organic Synthesis and Biomaterials (SYNAT) or the university of the university of the university of the university of the singest research actinity concerns the development of suitable derivatized anomaterial	Università degli Studi G.D'Annunzio di CHIETI; Università degli Studi di MESSINA	CIULLA, MICHELE	239974	140258	239974 1	140258	PE5_15 - Polymer chemistry; PE5_16 - Supramolecular chemistry; PE5_17 - Organic chemistry	DIPARTIMENTO DI FARMACIA (Principale)	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al finanziamento n. 1384 del 01.09.2023
M.U.R Ministero dell'Università e dell Ricerca	D.D. n. 1409 dei 14- 2022	9- Bando Prin 2022 PNRR	Drug repositioning as a safer and sustainable way to fight hard-to-treat cancers	DEFT	P2022T7FXE		failure of novel molecules during clinical trials, the expensive developing tasks and the slowness of drug approval procedures. Indeed, candidate agents to be repurposed have well recognized pharmacokinetic/pharmacodynamic properties and good safety profiles, which may facilitate a rapid translation of	G.D'Annunzio di CHIETI; UNIVERSITA' DEGLI STUDI DELLA CAMPANIA "LUIGI	CAMA, ALESSANDRO	209361	83361	209361 8	83361	LS1_13 - Early translational research and drug design; LS7_8 - Effectiveness of interventions, including resistance to therapies	DIPARTIMENTO DI FARMACIA (Principale)	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al 225 finanziamento n. 1363 del 01.09.2023
M.U.R Ministero dell'Università e dell Ricerca	D.D. n. 1409 del 14-4 2022	9- Bando Prin 2022 PMRR	A heparan sulfate proteoglycan binding protein and Lipht-Emitting Diodes- LEDs/Complex Electromagnetic Fields-CMF technologies as innovative eco-sustainable strategies to counteract chronic wound infections associated to Staphylococcus pseudintermedius resistant strains: an interdisciplinary approach to animal-human health	P20224AEAC	P20224AEA	C D53D23016330001	The astimicrobial resistance-(AMR) phenomenon is a worldwide challenge involving human, animal and environmental health that strongly requires new sustainable intervention strategies. The focus of this project is twofold: 1) to address the involvedge of the physiopthology of S. pseudintermedius- (Sp) responsible of dynamic animal-human transmission and chronic wound- (CW) infections; 2) to study the antimicrobia/anti-virulence effects of sustainable or environmental impact. The project is in line with the "UM Agenda 2030" for Sustainable Development suggesting treatments to counteract the AMR based on natural compounds and novel technologies (LBM) for fitting of the combination counteract the AMR based on natural compounds and novel technologies. Sp, an emerging zonontic agent of canine only, in a supportunsity tapationgen causing diseases in dogs such as oblis external, polyeema, and wound infections. The worldwide spread of multiding- resistant methicillin-resistant 59_MIKSP) and methicillin-susceptible-(IMSSP) strains represents halth problem for both pets and humans. Biolini formation is one of the most involved in the 59 valuacitated and biolinn-related infections is highly warrated. The main objectives include: the elucidation of the molecular mechanism is solitated in dog and human CVW. The address these objectives, MIKSP and MXSP strains will be isolated form dog CWa and characterized for their interactions in 3D gradent that minics the CV spatial microbial distribution and environment, in which hearan sulfate proteologicare. (FSFG) gively very roles. The resolution into a natural splice variant of hepatocyte growth factor-(HGCF), NK3, which is able to bind HSFGs and instruments to adjust the analyticar environment synthesis do a natural splice variant of hepatocyte growth factor-(HGCF), NK3, which is able to bind HSFGs and interfere with microbial adhetic resistance enterget colis, will be carried out. The results will identify sustainable strategy to counteract CW infections associated to 5	Università degli Studi G.D'Annuruzi di CHIETI; UNIVERSITÀ' DI NAPOLI FEDERICO II	DI LODOVICO, SILVIA	242363	113363	242363 1	113363	LSG, 8 - Biological basis of prevention and treatment of infection; LSG, 5 - Biology of pathogens (e.g. bacteria, viruses, parasites, fungi); LSI, 9 - Molecular mechanisms of signalling processes	FARMACIA (Principale) ; DIPARTIMENTO DI SCIENZE MEDICHE, ORALI	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al 25 finanziamento n. 1368 del 01.09.2023
M.U.R Ministero dell'Università e dell Ricerca	D.D. n. 1409 del 14-4 2022	9- Bando Prin 2022 PNRR	Activation of Carbonic Anhydrases encoded by the human probiotics to enhance gut microbical performance against dysbiosis and microbial infections	020221 V2PM	P2022LX2R/		pathogenic bacteria, which with their activity, provide the indispensable CO2 and HCO3-/protons to microbial biosynthetic pathways, catalyzing the reversible reaction of CO2 hydration to HCO3- and H+. Among the eight classes described in all kinadrows of kines reasons on kines (classes (a P v and i) have been identified in harteria. Due to the reaction catalyzed by	Università degli Studi G.D'Annunzio di CHIETI; Università degli Studi di CAGLIARI; CONSIGLIO	CARRADORI, SIMONE	238995	91806	238995 5	91806	PE5_18 - Medicinal chemistry; LS6_5 - Biology of pathogens (e.g. bacteria, virues, parasites, fung); LS7_2 Health care, including care for the ageing population	DIPARTIMENTO DI FARMACIA (Principale)	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al 25 finanziamento n. 1384 del 01.09.2023
M.U.R Ministero dell'Università e dell Ricerca	, D.D. n. 1409 del 14- 2022	9- Bando Prin 2022 PNBR	Health promotion and neuropathic pain prevention through glymphatic system modulation: a sex/gender perspective	P2022Y9W3R	P2022Y9W3	R D53D23021800001		Università degli Studi G.D'Annunzio di CHIETI; Università degli Studi di FOGGIA; Università di PISA	BRUNETTI, LUKGI	275251	79895	275251	79895	L57_7 - Pharmacology and toxicology	DIPARTIMENTO DI FARMACIA (Principale)	2022	2023	SCIMONE, Anna	30/11/2023 29/11/2	Decreto di ammissione al finanziamento n. 1369 del 01.09.2023

M. U.R Ministero dell'Università e della 2022 Di D. n. 1409 del 14-9- Bando Prin 2022 PNRR Chemical Synthesis of Peptide-based Ricerca	ble US4PepTher	P20225ZAMB D53D2301695000:	reactions by non-classical solvents (e.g. PEG and water, instead of volatile organic solvents) or solventless. All these promising aspects can be translated int	G.D'Annuxio di CHIET; UNIVESTATO IN NAPOLI FEDERLO II; UNIVERSITA' STEFANUCCI, AZZURRA 223465 DEGLI STUDI DELLA CAMPANA "LUGI VANVITELL"	53825	223465	53825	PE5_18 - Medicinal chemistry; PE5_17 D - Organic chemistry F.	DIPARTIMEI FARMACIA (
M.U.R Ministero dell'Università e della 2022 Ricerca	BEO-MGBD	P2022CINW D53D2302157000: W	STATE OF ART Inflammatory bowel disease (IBD) is a chronic biopsychosocial disorder that affects 4%-10% of the global population and is associated with markedly reduced quality of life. It is characterized by genetic predisposition, adverse life events, psychosocial factors, stress, and gastrointestinal infection Because of its heterogeneity and unclear eiology, calve biomarkers, and therapeuic targets to have been difficult to identify. IBOS represents a set of medically unexplained disorders of the bidirectional communication between the gut and the brain. They are multifactorial and include visceral hypersnisitivity, low-grade inflammatory response, initiatian motify disturbances, alterations of central nervous system processing, and alterations ing up incrobicia composition. Interestingly, Bergamot essential oil (BEO) provides extensive preclinical evidence of analgesic properties activity in different pain models, induces anniolytic-like and antispasmotic effects. The use of a natural product endowed with these properties and devid of markable toxicity would represent an important option for the management of gut inflammation, visceral pain and cognitive symptomo observed in IBD patients. Neurochenical evidences suggest that BEO can produce its neurobiological effects by an indeference with fine mechanisms involved in synaptic plasticity however, neuronal pathwags underlying its effects have not yet been identified and desarve to be investigate the ability of BEO to interfere with neuroinflammation and neuroplasticity, AMI of almestigate the modulation of microbiota considering its role in inflammation and two pathylicity and MIA 2) investigate the role of neurotransissions in behavioral effects of phytocomplex, AMI 3] investigate the ability of BEO to interfere with neuroinflammation and neuroplasticity, AMI of almestigate the modulation of microbiota considering its role in inflammation and the gut-brain asis DESCANPTION OF THE PROLECT Dispetives will be pursued with specific work packages	Università degli Studi G.D'Annunzio di CHIETI; Università degli Studi della ORLANDO, GIUSTINO 230745 CALABRA, UNIVERSTAT DI NAPOLI FEDERICO II	69276	230745	69276		DIPARTIMEI FARMACIA (

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