	Cognome	Nome	Qualifica	area	SSD	SSD INTERESSATI DAL PROGETTO	ERC	KEY WORD	TITOLO PROGETTO
1	**Scateni**	Riccardo	PA	**1**	Inf/01	INF/01 - Informatica ING-INF/05 - Sistemi di elaborazione delle informazioni	PE Physical Sciences and Engineering PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems PE6_8 Computer graphics, computer vision, multi media, computer games PE6_2 Computer systems, parallel/distributed systems, sensor networks, embedded systems, cyber-physical systems	COMPUTER GRAPHICS GEOMETRY PROCESSING 3D DIGITAL OBJECTS	**Tecniche avanzate per la modellazione e l'analisi di oggetti reali (ATMAN)**
2	**Biggio**	Giovanni	PO	**5**	Bio/14	BIO/14 - Farmacologia BIO/13 - Biologia applicata BIO/09 - Fisiologia	LS Life Sciences LS5 Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry LS5_2 Molecular and cellular neuroscience LS5_6 Developmental neurobiology	PERINATAL STRESS NEURONAL PLASTICITY VULNERABILITY TO PSICHOPATHOLOGY	**Infanzia, adolescenza e psicopatologia: effetto delle cure materne, psicofarmaci e sostanze d'abuso sullo sviluppo del cervello**
3	**Columbano**	Amedeo	PO	**6**	Med/04	MED/04 - Patologia generale MED/08 - Anatomia patologica BIO/13 - Biologia applicata	LS Life Sciences LS4 Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome LS4_6 Cancer and its biological basis LS2 Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology LS2_8 Epigenetics and gene regulation	HEPATOCELLULAR CARCINOMA MICRORNA DIAGNOSIS, PROGNOSIS, THERAPY	**UN APPROCCIO INTEGRATO PER LO STUDIO DEL CARCINOMA EPATOCELLULARE: DALLA PATOGENESI MOLECOLARE ALLA TERAPIA MIRATA**

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COORDINATORI NAZIONALI PRIN 2010-2011
PROGETTI PRESENTATI DA MANDARE IN PRESELEZIONE
Università degli Studi di Cagliari
Direzione per la ricerca e il territorio

	Cognome	**Nome**	**Qualifica**	**area**	**SSD**	**SSD INTERESSATI DAL PROGETTO**	**ERC**	**KEY WORD**	**TITOLO PROGETTO**
4	**Galanello**	Renzo	PO	6	Med/38	MED/38 - Pediatria generale e specialistica BIO/18 - Genetica	LS Life Sciences LS2 Genetics, Genomics, Bioinformatics and Systems Biology: genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology LS2_8 Epigenetics and gene regulation LS7 Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics LS7_6 Gene therapy, stem cell therapy, regenerative medicine	REGULATION OF FETAL HEMOGLOBIN GENE THERAPY TRANSCRIPTION FACTORS	**Beta Talassemia: dalle cure convenzionali alle nuove terapie mediante induzione di emoglobina fetale e terapia genica.**
5	**Sanna**	Antonello	PO	8	Icar/10	ICAR/10 - Architettura tecnica ING-IND/11 - Fisica tecnica ambientale ICAR/14 - Composizione architettonica e urbana	SH Social Sciences and Humanities SH5 Cultures and cultural production: literature, visual and performing arts, music, cultural and comparative studies SH5_11 Cultural heritage, cultural memory PE Physical Sciences and Engineering PE8 Products and processes engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering PE8_12 Sustainable design (for recycling, for environment, eco-design)	ARCHITECTURAL HERITAGE SUSTAINABLE PRESERVATION ENERGY EFFICENCY	**IL RECUPERO SOSTENIBILE DEL PATRIMONIO EDILIZIO: SPERIMENTARE L'EFFICIENZA ENERGETICA NEI CONTESTI DELLA TUTELA CULTURALE**
6	**Baldi**	Antonio	PA	9	Ing-Ind/14	ING-IND/14 - Progettazione meccanica e costruzione di macchine	PE Physical Sciences and Engineering PE8 Products and processes engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering PE8_9 Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) PE8_8 Mechanical and manufacturing engineering (shaping, mounting, joining, separation)	DAMAGE FATIGUE STRUCTURAL MATERIALS	**Tecniche di caratterizzazione di difetti e danno nei materiali da costruzione e implicazioni sui modelli descrittivi/predittivi del comportamento meccanico**

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7	**Orru'**	Roberto	PA	**9**	Ing/Ind 24	ING-IND/24 - Principi di ingegneria chimica ING-IND/22 - Scienza e tecnologia dei materiali CHIM/02 - Chimica fisica	PE Physical Sciences and Engineering PE5 Synthetic chemistry and materials: materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry PE5_1 Structural properties of materials PE8 Products and processes engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering PE8_9 Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...)	IMPROVED ULTRA HIGH TEMPERATURE CERAMICS SYNTHESIS, SINTERING, SURFACE TREATMENTS, CHARACTERIZATION AEROSPACE APPLICATIONS	**SHARP2012 - Sviluppo e caratterizzazione di materiali ceramici ultrarefrattari ottenuti mediante tecniche di sinterizzazione convenzionali e innovative per applicazioni spaziali**
8	**Blasco Ferrer**	Eduardo		**10**	L-Fil-Let/09	L-LIN/01 - Glottologia e linguistica L-ANT/06 - Etruscologia e antichita' italiche L-FIL-LET/09 - Filologia e linguistica romanza	SH Social Sciences and Humanities SH4 The Human Mind and its complexity: cognition, psychology, linguistics,philosophy and education SH4_6 Linguistics: typological, historical and comparative linguistics SH4_5 Linguistics: formal, cognitive, functional and computational linguistics	PALAEO-SARDINIAN SUBSTRATA MEDITERRANEAN SUBSTRATA SUBSTRATA RESIDUES IN SARDINIAN LATIN	**LA SARDEGNA NEL MEDITERRANEO ANTICO. LINGUE DI SOSTRATO E LATINO**
9	**Lucarelli**	Loredana	PA	**11**	M-PSI/07	M-PSI/07 - Psicologia dinamica M-PSI/08 - Psicologia clinica M-PSI/04 - Psicologia dello sviluppo e psicologia dell'educazione	SH Social Sciences and Humanities SH4 The Human Mind and its complexity: cognition, psychology, linguistics,philosophy and education SH4_2 Human life-span development SH4_3 Neuropsychology and clinical psychology	MATERNAL PERINATAL DEPRESSION AFFECT REGULATION AND INFANTILE DEVELOPMENT PREVENTION OF MENTAL HEALTH	**DEPRESSIONE MATERNA E PATERNA PERINATALE COME FATTORI DI RISCHIO SULLO SVILUPPO DELLA REGOLAZIONE AFFETTIVA INFANTILE: VALUTAZIONE DEGLI EFFETTI ED INTERVENTI PRECOC**

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10	**Piras**	Paola	PO	**12**	Ius/10	IUS/10 - Diritto amministrativo INF/01 - Informatica	SH Social Sciences and Humanities SH1 Individuals, institutions and markets: economics, finance and management SH1_11 Public economics, political economics, public administration PE Physical Sciences and Engineering PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems PE6_10 Web and information systems, database systems, information retrieval and digital libraries	TRANSPARENCE DIGITAL ADMINISTRATION OPEN DATA	**Trasparenza amministrativa, innovazione e open data.**
11	**Schivardi**	Fabiano	PO	**13**	Sec-sp/01	SECS-P/01 - Economia politica SECS-P/02 - Politica economica SECS-P/09 - Finanza aziendale	SH Social Sciences and Humanities SH1 Individuals, institutions and markets: economics, finance and management SH1_6 Banking, corporate finance, accounting SH1_10 Human resource management, labour economics	FINANCE LABOR FIRM	**Finanza e lavoro**