				Exceller	nce 1216			
RIF PROPOSAL NUMBER	TITLE	COORDINATOR	HOST ORGANIZATION	PARTNER ORGANIZATION	FOREING ORGANIZATION	PROGECT BUDGET	RIF FUNDING	PUBLISHABLE SUMMARY
Life Sience EXCELLENCE/1216/0411	The Brain Injury Neuroschabilitation Project	Polit Constantini dou	University of Cyptus	BA 1. Machines Agrisation is EOVA PA 2. MINISTRY CLABOUR, WEELARE AND SOCIAL INSURANCE PA 3. State Health Services Organization	FRO 1: Kings College London	256.560,00 €	249.972.00	The Bins Injury Neutrahalistics Project (Blanch Rehal) will generate noting object research in traine injury neutrahalistics. Trainant Genin Injury (Bill is a worked as livine splenic resulting in significant chronic disability, health and societal burden. Over 1 million Europeans cross all ages are hospitation every series due to Till and about 10 million new Till cases are across all ages are hospitation every series due to Till and about 10 million new Till cases are difficulties that interfere with their daility to return to productive firing thus contributing to unemployment, projectation proteins, and the work of the productive firing thus contributing to unemployment, projectation proteins and the society of the productive firing thus contributing to unemployment, projectation proteins and the society of the proteins of the proteins of contribution of membrand copyrine and could communication training on an outpelled thats, during the choruse phase of the recovery process. It is hypothesized that the contribution of membrand copyrine and could communication training and will be sourced the contribution of critical variables to the min injury recovery. The contribution of contribution of membrand contribution of critical variables to them in injury recovery. The contribution of seasons the exercity contribution of critical variables to them in injury recovery. The contribution of seasons the contribution of critical variables to them in injury recovery. The contribution of seasons are season of the contribution of critical variables to the min injury recovery. The contribution of seasons are season of seasons are season of the seasons are all the proteins and seasons the season of seasons are seasons and seasons are seasons as a season of seasons are seasons as a season o
EXCELLENCE/12/6/0088	Optimizing the diagnostic value of postsurgical 1-123 SPECT thyroid inaging and applying platent-specific dosimetry for radiologine addition of thyroid remnants	Yianeis Parpottas	Friederick Research Center	PA 1: MINSTRY OF HEAL TH PA 2: Bank of Cynol Crockey Centre PA 3: YGAI POLYCLING	FRO 1: Aristotile University of Thessationial	258.896.00 €	249.713,00 €	Offerentiated drysoid cancer (CTC) treatment spically michaes surgical removal of the whole or supposed nor the spical position of the sp
EXCELLENCE/12/16/04/17	Genetic modifiers in Alport syndrome and thin basement membrane nephropathy	Constantinos Debas	University of Cyptus	PA 1: E.U.C. Research Centre Ltd	FRO t: The Jackson Laboratory	248.999.20	249.999.20	This project aims to provide proof-of-principle for the risc of the RCTDR genes as a genetic modified of the designed ecourse in Apolts Optiones, a hereafted principle; apolts in Apolts optional and the second of the Apolts of
EXCELLENCE/1216/0236	Ciliary adhesions and their role in ciliagenesis and ciliary function	Paria Skourides	Unwestity of Cypnus	PA.1: The Cyprus institute of Neurology and Genetics	FRO 1: The Rockefeller University	249.699.00 €	249.680,00 €	Ciliogenesis is a multisup process that begins in the optical, where basal bodies are generated, and ends at the agains unfaired by more processor of class. Cale are involved in fundamental and ends at the against particular to the control of class have been linked to a spectrum of diseases in humans, called cligopithes, many of which affects the Copics population. Undervising the press and enclassings underlying objugates is cursual in order to better understand the molecular basas of threat diseases and of the ciliary adhesion (CA) complex. The complex composed on the chalacteristic of call arbeits on proteins, form in rich one association with the basal bodies in an integrin independent and control of the control

EXCELLENCE/1216/0484	Non Invasive Prenatal Diagonis of beta-Globinopathies using Targeted Next Generation Sequencing Haplotype Analysis	Thessalia Papasawa	The Cyprus Institute of Neurology and Ge	PA 1: State Health Services Organization		250.000,40 €	250.000,00 €	Prenatal diagnosis is currently performed using fetal genetic material that is sampled by invasive obstetric procedures with an inherent risk for fetal loss. The discovery of cell-free fetal DNA in material plasma opened up new avenues in the fetal diagnostics by facilitating the option of saller testing with maternal blood.
								The aim of the project is the development of a non-invasive method for early prematal diagnosis of fetuses at risk for beta-globinosphies, a grup of severe heredatary anamisms of global significance. The project will develop a novel high-density SNP panel (HAPC-DNID) for the targeted ned generation sequencing (NGS) of maternal plasma. A relative variant dosage (RVD) analysis will be developed for determining both the paternal and maternal hapictypes of the
								is parallel, droplet digital PCR schemology will be used to develop a direct hapkopse phasing approach of the mannest and paternal stall. The approach bytesses the need for mustion specific assays and is not dependent on the availability of other family members such as grandquenters or the sellings. Therefore, he approach will be universally applicable to other countries and to other monogenies discretes. On the property of t
								coverage of all preguencies with exclusively non-invasive methods, with scope for IP protection and commercialisation of the HAPLOND. At the same time, the proposed project will provide a model and proof of concept for the development of NIPD assays for other inheritable single-gene diseases.
EXCELLENCE/1216/0085	Optimizing the diagnostic value of SPECT myocardial perfusion imaging under the influence of liver activity	Yiannis Parpottas	Frederick Research Center	PA 1: MINISTRY OF HEALTH PA 2: Bank of Cyprus Oncology Centre PA 3: E.U.C. Research Centre Ltd	FRO 1: King's College London	250.300,40 €	249.000,40 €	Myccardial perfusion imaging (MPI) has been proven to be able to assess the functional significance of a coronary arrety stenois. Whereas MPI is a valueled diagnostic imaging process, it is subjected to a valency of an
								whether affects in MPI, not originated from the heart, are mainly due to attenuation, thoracic motions, and sub-dehapmants activity, mainly due to liver. Projections should be waited of these artifacts to optimize MPI. White analytic models and patient data are useful, a responducible, comparamented, enhancing planetins in circlina to optimize MPI studies under the influence of liver activity. For this propose, a human-abupted moving liner in the caracity-causal direction during respiration, for this purpose, a human-abupted moving liner in the caracity-causal direction during respiration, the existing beasing and moving left ventricle and clinicated lunger pharament. MPI in suprise and some positions of the pharament searching will be performed using the SPECTimigle-CT, SPECTIGA-153, SPECTImulis-CT modalities of the three consontium Nuclear Medicine Departments. MPI regass will be used to characterize quantificative plantative, and the source (i)
								Departments. MP images will be used to characterize quantitatively antifacts due to various (i) heapsite-ci-cardiate each various (ii) characterize quantitative private collisition amplitudes connected for the cardiate motion under the influence of the liver activity, are impact of the sear activity and (ii) motion correction on cardiact defect detection of various sizes will be investigated. The general depictive of this project is to optimize the diagnostic value of MPH for the early detection of mild coronary areasy disease under the influence the liver activity during its crasi-chief control of mild coronary areasy disease under the influence the liver activity during its crasi-chief control and detection of the format control of imposing public and private beath services in Contrast and desprivation.
EXCELLENCE/1216/0389	Omic studies of the mechanism of activation of gamma-globin for the treatment of haemoglobinopaties	Marios Phylactides	The Cyprus Institute of Neurology and Ge	PA 1: State Health Services Organization	FRO 1: Biomedical Research Foundation Academy of Athens	249.997,20 €	249.997,20 €	The sim of the project is to use conice between given to identify potential pharmacological targets for the rectination of games global for the treatment of themoglobinograther such as between the contraction of games global for the treatment of themoglobinograther such as between the contraction of games global for the contraction of games global for the contraction of games global for the contraction of games ground the contraction of games ground the contraction of games ground cells in order to select a single factor for further study united RNA-eq. CNP-sec and mass spectromery. This
								select a single factor for further study using RNM-sec, CNP-seq and mass spectrometry. This equilibrium of parameters of the second se
EXCELLENGE/1216/0036	Functional and therapeutic implications of histories N-terminal acetyltransferases Naa-40 in colorectal oncogenesis	Antonia Kimuliis	University of Cypnus	PA 1: E.U.C. Research Centre Ltd	FRO 1: Radbood University	250,000,00 €	220,000,00 €	Interior modifying ensymes and their mediated protein modifications constitute one of the main depresent enchannes modural whom the originates gene engession. Cancer of enter develope because the activity of these ensymes is missipalited leading to incorrect gene expression without adequation proteins enterior. Therefore, facilities are considered as a comparability of the contraction of th
EXCELLENCE/1216/0215	Dissecting the regulatory network of protein arginine methylation using functional genomics in yeast	Antonis Kirmizis	University of Cyprus		FRO 1: University of Radboud	250.000,00 €	250.000,00 €	The function of a protein is frequently regulated by post-translational modifications, such as methylation, phosphorylation, suceylation, sumoylation and ubiquitination, which are deposited on the side chain of animo acide. Changes in these modifications can adveney able the acidity of targeted proteins. Arginine methylation is one such modification that is catalysed by a family of enzymes known as Protein Arginine Methylatransferases (PMIT). PRMITs are subiquitously for enzymes known as Protein Arginine Methylatransferases (PMITs). PRMITs are subiquitously
								segressed in exklargotic cells and arginities methylation is found in floor cytochamic and nuclear proteins. Thus, it is not suprising that PRM's and agrinise methylation are already implicated in the pathogenesis of a number of human diseases including cincer. Despite major progress in the pathogenesis of a number of human diseases, coult around the pathogenesis of a number of human disease, coult around the pathogenesis of a number of human disease, coult around the pathogenesis of a number of human disease, coult around the pathogenesis of the pathogenesis of a number of human disease. And the pathogenesis of the pa
EXCELLENCE/1216/0279	Eco-innovation for the production of low environmental footprint wine	Menelaos Stavrinides	Cyprus University of Technology	PA 1: Nicolaides Winery LTD PA 2: Open University of Cyprus	FRO 1 : National Technical University of Athens FRO 2 : University of Aberdeen	252.954,49 €	249.923,04 €	Cyprus has a history of more than 5.500 years in wine production with vineyards shaping the rural landscape of the island. However, wine imports have progressively captured two thirds of the share of he local market, valued at 675 million annually outcompeting local SMEs that seem
								unable to create a unique identity for their product. ECO-WAERY aims at promoting eco- romotion in relegant and visentes to enable coal SMEs differentise there vinne based on the vineward, by we environmental impact and applicance for the cultural heritigat of the stand. The complementary experies. The consolium vine least bins an EXCELER, EVIB to determine for the first time globally the product environmental loopsrind of wine, in line with recent EU complementary experies. The consolium vine leastbals an EXCELER, EVIB to determine for the first time globally the product environmental loopsrind of wine, in line with recent EU experies to the second of the product of the control of the control of the control of the control of the separation of the control of the sequestration in winequals, between the control of the control of the control of the control of the control of the sequestration in winequals, between the control of the control of the control of the control of the control of the control of the control of the control of the control of the sequestration in winequals, between the control of the control of the control of the securities of the securities and securities of the securities and securiti
								will enhance their career prospects. Networking activities with leading organizations and enterprises from other countries will accelerate the flow of information and will accelerate pioneeting progress in the field.

EXCELLENCE/1216/0477	Production of the bisactive signating messenger ratic cases from matrix Problem for interesting and provide and mitted-nodial heme-copper respiratory oxidase	Etychia Pinakoulaki	University of Cyptus	PA 1: Cypnus University of Technology		249.991,20 €	249.531.20 €	Is now will established that manmalian hemos proteins are reache traverile, ordinar integer codes species and that there exections glosy political total in manufact physiology. Simple endocrino in NO and ND-emodified proteins duding hybridogical and pathological imposit appears in performance of the protein proteins and pathological imposit appears in performance of the proteins
EXCELLENCE/1218/0517	Assessment of Post-Stroke Aphasia for Rehabilitation Research	Maria Kambanaros	Cyprus University of Technology	PA 1: Melathron Agoniston is ECIKA PA 2: Gialletto LTD PA 3: Erevnitiko Idryma P. L. PA 4:MINISTRYOF HEALTH PA 5: Scico Cyprus PA 6: CYPRUS STROKE ASSOCIATION	FRO 1-Prof. Castbriele Miceli, Center for Mind/Brian Sciences (Centro Interdipartimentale Mente - Cervello)of the University of Trento	249.845,20 €	249.845.20 €	The ASPRE project (Assessment of Post-stroke Aphasia for Rehabilitation Research) modes the reflection of the project of the project of the project of the project with stoke, and addressing the huge Instancial ballowler of resurdopcial rehabilitation. The research project with or project with the project of the proje
EXCELLENCE/12160007	Biometeorological Aspect of Thermal anvironment and Health: impacts on public health and on special populations to improve the quality of tile and footsten sustainability	Georgijos Nikolopoudos	University of Cypnus	PA 1: Minestry of Agriculture, Rural Development and Environment Pr. 2. allerstrover Landon, Pr. 2. allerstrover Landon, WELFARE AND SCOOL. NEUMANCE	FRO 1: National and Kapodistrian University of Athens	250.000.00 €	250.000,00 €	Environmental factors substantially influence human well-lesing making thermals environmental such ways (morbors that such depth they proceed processes an interductional symptomic for the processes) and the processes and the pro
EXCELLENCE/12160472	Studying the Role of SCXIZ_SCX14 and SCXIZ1 in Pre-implantation Embryo Development in Mice	Elena Panayiotou Worth	Genetics	PA1: Erevniko Myma P.L. Limited	FRO 1: The University of Cambridge	250.000,00 €	250.000,00 €	The development of the mouse embryo begins with the lation of the sperm and tog followed by a series of cleanage devicious to generate a population of equivalent bastomers. Meaning gree products its down in the copyole determine the fining of each cell division. Normal embryo development is thought about by the joint action of material gree products and organic exceptions of the product of the product of the company of the
EXCELLENCE/12160092	Personalised Gene Therapy for beta-Thalassaemia	Carsien Lederer	The Cyprus Institute of Neurology and Gr	PAT: State Health Services Organization	FRO 1: Weventy of Prebury -Medical Center FRO 2: King's College Lendon	250.000.00 €	250.000,00 €	Thalasseams is amongst the commonest striple-gene disorders worthwise, and in Cyprus 30 of 100 persons are carries for one particular, seven belat-halassemi mutation, 188-19-19-110 (OAA), with a relative carrier frequency of 76% in Cyprus and 20% in many EU counties. 1100 persons are seven frequency of 76% in Cyprus and 20% in many EU counties. 1100 persons are seven frequency of 76% in Cyprus and 20% in many EU counties. 1100 persons are seven frequency of 76% and 100 persons are seven freque

EXCELLENGE/1216/0623	A personalized risk assessment tool for Colorectal Cancer prevention through 3-prime risk segmenting of normal-appearing mucosa in the Cypriot population.	Christos Shammas	AVVA Pharmaceuticals Ltd	PA 1: University of Opens PA 2: Stremble Ventures LTD		326,800,00	260,000,00 €	Colonoccopy is the gold standard for the detection of colonectal cancer. but providers no information regarding the side of a healthy-peapering individual to develop colonic recipitus. Therefore is it accommended indiscriminately over the age of 50 and every 5 years thereafter to everybody, but there wish is hatively colonical inflammation creates. Despite the weeklin of develop colonic recipitus with a fatting of colonical inflammation creater. Despite the weeklin of the size of the colonical inequalities are some production and production and colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities are colonical inequalities are colonical inequalities. The colonical inequalities
Photical Schenes and Fundamenian EXCELLENGE 1/216/0515	New quinoselhydrogarione metal complexes for the catalytic convention of HZCIO2 to HZCI and the construction of aquinos photosynthetic solar cells	Anastasios Keramidas	University of Cyprus	PA 1: Cyprus University of Technology	FRO 1: University of Patras FRO 2: University of loarnina	250.000,00	250,000,00	This project gather the scientists from four academic organizations in a multidisciplinary (chemical synthesis and photocatalysisticitate)sist invocating project, the synthesis of novel (chemical synthesis and photocatalysisticitate)sist invocating project, the synthesis of novel control of the control of the control of the CO2 sear for led and aqueous photosynthetic solar cells. Furthermore the HOO2 is at compound that can be used as an environmentally inferred year grounds, this, the on-sele projection of HOO2 and for the event of the control of the con
EXCELLENGE/1216/0296	Real-time Communications for Practical Communication Networks	Charalambos Charalambous	University of Cypnus	PA 1: Cypna University of Technology	FRO 1 McGall University (Mul) FRO 2 Teas AAM University (TAMLI) FRO 3 Teas AAM University at Galar (DAMLIC)	247.840,00 €	247.840,00 €	One the last decade, information technologies have become an integral part of the society, while perhand or lenged applications, really and enrich out pally acrivities. Future applications, as they are discussed in the context of SG, require a time generational shift in technology since control and communication. The proper field FTML SE and still partie has control and communication. The proper field FTML SE and still partie has control and communication. The proper field FTML SE and still partie has contained and communication. The proper field still partie and still be advanted by the replace of the proper still parties and still p
EXCELLENGE/12/6/0039	Projecting temperature climate extremes at regional to urban scales	Panos Hadjiricolaeu	The Cyprus institute			250.000,00 €	260,000,00 €	The CELSUS project aims to produce new climate change projections for Motifie EastNorth Affice (MENN), including the eastern Mediterimens and Opinion, of improved spatial precision and emphasis in temperature externes and the warming over urban areas. The VIRF model is used as a regional climate model (RGO) dynamically observables, first, meteological results as a regional climate model (RGO) dynamically observables, first, meteological results are considered to the consideration of the
EXCELLENCE/1216/0026	Regularity in Free Boundary Problems	Emmanout Milakis	University of Cypnus			160.344,00	160,344,00	The proposed project is included in the general area of insent and fully notinions differential equations and the through of the Boundaries. Partial Differential equations are private part of the profession of the property

EXCELLENCE/1216/0207	Graph Theoretical Tools in Sciences	Vicky Papadopoulou Letta	European University - Cypnus Ltd	PA 1: AAlScientific Cultural Services Ltd	FRO.1 The beststate of Communication and Computer Systems at National Technical University of Attents FRO.2 beststate but included the Computer Systems of Attents FRO.2 beststate but included the Computer Systems of Applications and Remote Sensing FRO.3. University of Howarii at Manoa	248.990,99 €	248,990,99 €	Casph. Theory is understailty one of the most powerful stool of Applied Mathematics with membrable interestinginiary applicability in domes colones, spenning Social to Astrophysics. Despite he significant results obtained through the exploration of Graph Theory is natious commander secretly, he saving potential of the Membrad Mathematics and Casph. Theory is natious commander secretly, he saving potential of the Membrad Mathematics and the Application The depicted of this insensity proposal is to briding tappether expents from diventee administration thanks for the Application of Casph. The Application is the saving of the Application based knowledge and stechniques. As the Application of Casph. Theoretical tools combined with application based tools, for providing elicities solutions for proposal spractical proposal most provided application proposal section of Casph. Theoretical tools combined with application based tools, for providing elicities solutions for proposal spractical proposal most provided and the Application proposal section of the Application of Casph. Theoretical tools are common heart to the Application of the Application to the Contrology domain, we will use of Engine to the Neuroscience domain we will use of each of the solid collection proposes from the heart located to the solid to the Casphrical to the Contrology domain we will use the test of clustering reproposes from the heart of the membradien to calegorical responses the resolution in, measured with a special to the solid in the service of the proposal proposes of the resolution in, measured with a special to solid to solid in the sales. Application proposes the translated will be organized so that a sould to assist in these proposals by pathers from other discipline.
EXCELLENCE/12/10/0256	Espanding the international FITANET community portal for have noglobinopathies	Petros Kountouris	Genetics	PA 1: Thidistacemia international Federation	FRO 1: The Human Varionne Project	250.000.00 €	250 000 00 €	Heemoglebriopathies are the most common monogenic diseases, with millions of carriers and patients workforked. The patiential restorate of Opens, 12%: 1-5% of the population are carriers patients workforked. The patiential restorate of Opens, 12%: 1-5% of the population are carriers of the patient of the
EXCELLENCE/12/16/0232	CIGS- and CZTSSe-based Thir Film Solar Cells Fabricated by Pulsed Laser Deposition for Terrestrial and Space Applications	loannis Giapristaskis	University of Cypnus		FRO 1: Chemical Process & Energy Resource Institute, Certife for Research & Technology Hellas	249 300,00 €	249 300,00 €	Thin-film solar cells based on the chalcograte compound Culpit CalySe2 (CIGS) have shown the highest laboratory deficiencies of him film solar cells - up to 20.8% a baddion, CIGS solar cells are considered to be the most suitable candidate for space applications due their superior CIGS cells are multiply estructures, whe can be up exemp a portional purpose. Different methods have been used to prepare each layer of CIGS solar cells which increases the floritudinor cell. It is referred, established bodierly a deposition furnique for the floritudinor of CIGS cells are multiply estructures, when depth and proposed provided proposes. Different methods have been used to prepare each layer of CIGS solar cells which increases the floritudinor cell. It is needed to a state of the cell of the cells of the cells of the cells of the cells of the CIGS cells in order to achieve a single-step, low-cell and high-deposition-size growth with the RTD as a suitable growth method to joil forest the conglication dustilizer structure of CIGS solar cells at low temperatures and ofj) achieves cost-effective and high-efficiency CIGS solar cells suitable components of the cells of the
EXCELLENGE / 214/0382	An Anticial Neural Network Transwork for understanding historical monuments Architectural Structure and Style	Yeogos Chysanthou	Unoversity of Cypnus	PA 1: The Cyprus leatitute	FRO 1: Weversity of Messachusetts Ambest FRO 2: University of Girona	249.759,00 €	249.759,00 €	Cultural hertiges is an integral element of floaty's society. It is crucial to the creation of a common identity and be connection to people with similar backgrounds. Historical cultural heritages monuments such as churches and temples are hand to document and organize in many common strengths of the control of the common strengths of the control of the common strengths of the control of the common strengths of
EXCELLENCE/1216/0376	Simultaneous Wireless Information & energy Trunteler for low- powered Communication technologies - SWITC	Symeon Nikolaou	Frederick Research Center	PA 1: University of Cyprus PA 2: Open University of Cyprus	FRO 1: Heriot Watt University	290.000,00 €	250.000,00 €	Simulaneous Wirelan Information, A. energy, Transfer for the powerset Communication schrollogies. SVINITH research effort brings together the skills and scentific expertise of bour different Cypriar lessearch groups in the fielde of Communications (ICV/ICCS and CUC) and AntensaMicrowave (FiCR and UVICECS) with the producted experience and research calibre of an internationally distinguished research group from IUK, (PMU), in order to implement, and an internationally distinguished research group from IUK, (PMU), in order to implement, and an international school of the communication of the communications (NPC).

EXCELLENCE/1216/0366	Hemrchcal Organization and Decembralization in Information Communication and Centrel of Complex Cynamical Systems	Charatambous Charatambous	University of Cypnus	PA 1: Cypnus University of Technology	FRO 1. MCGII University FRO 2. Movemby of Perceybania FRO 3. Movemby of Perceybania FRO 3. Mational Technical University of Afterias FRO 4. Tosas A&M University	249.994,00 €	249.594.00 €	Current factormunication and offormation systems as designed based on Sharmort's coefficient delineation definitions of confige operations of configurations of configurations of configurations of the configuration of th
EXCELLENCE1216/0294	Ustan Micro-Climate, and the Design of Sustainable Built Environments	Marina Neophytou	University of Cypnus	PA 1: The Cyprus institute PA 2: Cyprus University of Technology	FRO1: Sivilar Federal Institute of Technology FRO2: University of Cambridge	249.999,00 €	249.999,00 €	Unbar micro-climate plays a cocaci of the in determining the energy demands of the built environment for hearing and cocaling. Moreone, the multi-scale manue of the unbar micro-climate is currently jaroned in the relevant considerations, and much of the on-going discussion for committee the contract of the contract o
EXOELLENCE/1216/0076	Multifuccional Metal Organic Fammenonis and the Fine Turing of their Magnetic, Protochiminescence and Soption Properties through Single - Crystal Ligand Exchange Reactions	Ansatasion Trasopoulos	Unwessity of Cypnus		FRO 1: Dr Isominis Sanakis FRO 2: Dr Stefanta Greces Tanase	250.000.00 €	250.000.00 €	One of the holtest research topics nowadays involves the construction of multilanctional materials. Among the various types of the later, metal — opics familiance of MCPG (high pairs — A way second and in the product of the product
EXCELLENCE/12/6/04/8	Technical and Social sensor aggregation for smart environment enhancement	Oemetris Antoniades	CYRIC CYPRUS RESEARCH AND RENOVATION CENTER LTD	PA 1: E.U.C. Research Centre Ltd		270.007,24 €	249.642.264 €	Stant cities are own that deploy invocative technology, create more invocative ways of delivering public ancies and make better use of data with the utilizent deployers of betterming more properous, sustainable and a better place to live." Start city enhormers are usually value for two currently disconnected approaches. On one provide insights for advancing and automating processes with an ord for the utan city response. Data collected from the 15T retervoit are processed both in real-time and posterior to provide insights for advancing and automating processes with an off the utans city containing and containing and containing processes with an off the utans city containing and containing and containing processes with an off the utans city to intering and containing events (social and infrastructure instellar. This area of research is based on humans as senson and solliers the power of the crowled to provide citizent, government directs, journalisms and other interestical processes with only wide situation assessment. University (Cyprus, with the goal to epidol the "Technical Semons" and "Human Semons" environments and clearly posted al association will aggregate the information coming from the two minights the two proposedes can offer. Federolat will talk the Proceduct Loop to do crossly, to the over-increases that would not be possible to detect or measure in their colated state, to the two environments that would not be possible to detect or measure in their colated state, to the University of the contractive that the collection of
EXCELLENCE/1216/0492	Monitoring for Aerosol Particle Growth and Chemical Composition During New Particle Formation Exerts Using Menalautrea Lightweight Instruments	Jean Sciare	The Cyprus institute		FRO 1: University of Hebsinki	248.700.00 €	248.700.00 €	A significant flaction of the total number of particles present in the atmosphere is formed original by violated to make jeep a have during new particle formation (NPT) percent Service original by violated to make jeep a have during new particle formation (NPT) percentification of the percen

EXCELLENCE/1216/0010	Low Photon Energy, Up convention induced Sensitized Photocurrent Generation in Organic Photodiodes	Paragiotis Kelvanidis	Cyprus University of Technology			249.117.00 €	249.117.50 €	This project start to develop a nord embodology for demonstrating the fatherization of organic proteodoloss with miscrass free plant proposal properties of proteodologic special proposal proposal proposal proposal proteodologic special proposal p
EXCELLENCE/1216/0217	Study of precipitation aeR/Csods and Clouds in a COestal area of Opprus	Diofedos Hadjimitals	Cyprus University of Technology		FRO 1: TROPOS	249.959,00 €	249.950,00 €	Opins is an acculient place for amonghanic studies with floors on astrockin, and amende-flour precipitation interaction. Increasing research acciding periodinal critical concentration in the florescent of large EU projects. BIACCHUS and ACTRISI commotores that critical research residency and accident program of the got regions of admospheric sand criminal research. Following this sole opinion is one of the target on the got regions of admospheric sand criminal research. Following this sole opinion is considered to the contraction of the florescent of the contraction of the con
Social Sciences and Humanilles EXCELLENCE 721600093	Sniegra, più les D (di Makeum C Bollectore: The Interdaciplinary Study of Politics of Statems, and Chytol of Age Politics of Statems, Soloi, Lapithos and Chytol	George Papasavas	University of Cypnus	PA 1: Ministry of Transport. Communications and Works	FRO.1 The Zimens treature of Ancherology, (Javessy) of tells FRO.2 Fisch Laboratory, British School at Afterns	190.001,00 €	150.000,00 €	Interpretable to a comprehensive, predictionary investigation of commits assemblinges from the continues of Salamin Social, pations and Optionary along them to seek in the abstractions from the committee of Salamin Social, pations and Optionary and the patients from part of the Cypter Massam collections, in Nosical, and devines specifically from montany contests in the above said explosing that were excavated by the Department of Americanies of Cypters before 1974. Through the documentation, digitation and humber of the monther and existence and compared to the second of the Committee of Committee and the Committee of Com
EXCELENCE/1216/0020	Lectating Breases: Moherhood and Breastfeeding in Antiquity and Byzantium (4th Century BCE-7th Century CE)	Stevroula Constantinou	University of Cypnus	PA 1: PSECANTRIGETABLE (A KYPRCU PA 2 Cyprus Research (A Cyprus Res		149 952,00 €	149 952,00 €	According to its etymology, the Ancient Cleek word "helic" consistes the category of the fermide with the nursing equility of her breast, the ability by produce mits read be carded. The Model's Greek words for fermide region of the treatment of the produce of the read to the carded of the carded
EXCELLENCE/1216/0002	Unlocking the Sacred Landscapes of Cyprus	Athanasios Vionis	University of Cyprus	PA 1: Melatry of Transport. Communications and Works PA 2: Cypnus University of Technology	FBO 1: The bioversity of Dublin, Trinsty College FRO 2: biotocatory of Geophysics-Stateline Remones Sensing and Archano- Sensing and Archano- Studies, Creta	147.979,00 €	147.979,00 €	la a contemporary word in which heighous confrictations freshers social and exconents stability. USASLa-CY will explore and showcase how exame polyhesites private supported cultural pluralisms, lostrance and the successful consistence of diverse beliefs. Using the complex, multi- cultural bilitary of the state of Opcus as a cess and yard an array of innovable bethreapy, which is a substance of the successful consistence of diverse beliefs. Using the complex, multi- cultural bilitary of the state of Opcus as a cess and yard a range of innovable bethreapy, the development of rinal and sacrosd space in Cyprus in relation to its wider Meditermenan political and socio-concrine settings; (b) seems the evolution of that an atheristative and material assemblages on the island over some eight florusiand yeas; (c) shortly and matherial assemblages on the island over some eight florusiand yeas; (c) shortly and material assemblages on the island over some eight florusiand yeas; (c) shortly and material segment assemblages on the island over some eight florusiand yeas; (c) shortly and material segment assemblages on the island over some eight florusiand years; (c) shortly and instable segment management tools for promoting and experiencing ancient and early. Christian instal space. The Project sell segment is segment to the support of the state of the organization of the sell of the promoting and experiencing ancient and early of the published and newly generated archaeological data manipulated through GS (Geographic Information and the promoting and the sell of cultural prouds an innovative anthropocometric interpretation of the collected data, and the development of advanced cultural bring management tools will create new very between the promotine part under sell collected data, and the development of advanced cultural bring management tools will create new very between the promotine and sell couples and improve collected data.

EXCELLENCE/1218/0463	THE ANTECEDENTS OF URBANISM IN EUROPE	Elstathia Margantis	The Cyprus Institute		FRO.1 Wiewenly of Chesholdge FRO.2 Wiewenly of Oxford FRO.3 Wiener Laboratory, American School of Classical Studies at Athens	149.979,30 €	149.979,30 €	Fixe to the inception of definisation in the Aegean or Creat after 2006C. Its attractories may be recognized at a number of sites. In event years the not interesting of these sites is found on the small stand of Keros in the Cyclades. Here, in the period 2759-28006C a number of factors combine in a unique forestandary of the processes of unbenasions const to take place etherwhere: certralization, whereby one centre stands out above all contemporates, exceptional extensive certain stands on the contemporate of the contemp
EXCELLENCE/1216/0483	Social and environmental influences on geographical knowledge	Marios Avraamides	University of Cyprus	PA 1: SLVERSKYDD VR TECHNOLOGES LTD	FRO 1: University of Alberta	149.821,00 €	149.820,00 €	SIGN aims to investigate how goaled reasoning is influenced by social and geographical factors, by capitating on the unique geographical, political, and social environment in the island of Oppus. Since 1974. Opprior has been divided in two parts, each of which is inhabited, for the most part, by distinct define communities. There had been without por contract among the members of the two main communities (Creek and Turksh Opprical) until 2003, when creating and on the contract of the two main communities. (Creek and Turksh Opprical) until 2003, when creating did not necessarily do so.) subgroups with different deparce of operations with the other gard of the island and its people have arisen naturally (e.g., people who have never crossed to the other stands, those who consciousnily tross, how the negative prices and interact with members of the other community, etc.). This natural viriation affords an unusual opportunity to explore bisses in judging spalial disclosure as a function of this goaled and non-positile dependence with the states, along with their attitudes towards the other community, we aim to gain a more nunned understanding of how the presence of physical divisions and their consequences, influence people's reasoning about space.
EXCELLENGE/12/10/04/04	The Neurocognitive Study for the Aging-Espanded	Foli Constantindou	University of Cypnus	PA 1: Nosais Development Agency APP 2: AMMSTRYCH, ABOUR, WELFA APP 2: AMMSTRYCH, ABOUR, WELFA PA 3: The Cyprus Institute of Neurology and Genetics PA 4: Erevnitiko Idymna P. L.		151 832.00 €	149 688,00 €	The Neurocognitive Study for the Aging-Expanded MELIGRACE—I will generate cutting-edge research in cognitive aging. The study cognitive aging in comment with agended changes research in cognitive aging. The study cognitive aging is concerned with agended changes and aging agi
EXCELLENCE/1218/0034	Spatial updating and domain expertise: the case of dancers	Marios Avraamides	University of Cyprus	PA 1: Cyprus University of Technology PA 2: SILVERSKY3D VR TECHNOLOGIES LTD		149.940,00 €	149.940,00 €	While moving, even with their years closed, proprise are state to keep track of the changing appointmit (i.e., self-code)poll self-time to the objector of their environment. This stilling, twom as spatial updating, is fundamental to navigation as it supports maintaining ones coincitation in space. The proprise proprised areas to exempt how spatial updating differs as a function of domain space. The proprise proprised areas to exempt how spatial updating differs as a function of domain to the spatial proprise of the spatial proprise of the spatial proprise of domain be repeatedly tested on their ability to keep track of memorized floations while they move in gazen. MISI cases will also be captured or examine whether possible improvements us updating performance are associated with changes in the morphological structure of the brian.
EXCELLENCE/1216/0008	READING DIFFICILITIES INTERVENTION SCIENTIFIC, TECHNOLOGICAL, AND NEW COMMUNITY EFFORTS	Tamothy Papadopoulos	University of Cypnus	PA 1: RX Liesden LM PA 1: Oppun Pylonologis Association PA 2: MCPE FOR CHILDREN CRC POLLS TERM PROPERTY OF THE PROPERTY OF T	FRO 1. YVASHCLA UNIVERSITY FRO 2. UNIVERSITY FRO 3. ST. JOHN'S LINIVERSITY	149 980,00 €	142.320,00 €	Early internetion is cucial to the prevention of mading difficulties (ID). Neventheless, there are no empirically suided an awares to the question of what internetion(s) work best. Or which children, in what setting(s), for what dustation, and for what reason. Hence, there is an uppert of the prevention programs, one with more copysite (PREEP, PASS Reading Enhancement Program) and one with a more photometric code (Equal-pageing Note). Both program will be delivered as we who based is more photometric code (Equal-pageing Note), but he program will be delivered as we who based of the program of the pr
EXCELLENCE//2160074	Mixed Data Sampling (MIDAS) models: Theory and Applications	Elena Andreou	University of Cypnus	PA 1: Ministry of Finance	FRO 1 Second University FRO 2 University of North Carolina, Chapal HB	190.000,00 €	150.000,00 €	The dispective of the proposed propert is worlded. The first objective is to develop rousel concentration under the state device current states of these site testings for modelling the dynamic behaviour of economic time series which are useful in macroeconomic forecasting as well as concerning policy making. The new medicates payly the fillion of baselinging (MIATOS) sides to successive policy making. The time medicates payly the fillion of baselinging (MIATOS) sides to the second policy of the state of the second policy of the state of the second policy of the second p

EXCELLENCE/1216/0626	The Reception of Ancient Cypnus in the Culture of the Western World	Sypridon Tzoumahas	University of Cypnus			112.439,00 €	112.439.00 €	The items of the prisent proposal unwelds across three different radings of the cultural exchange between America Cypria and Modern Europe he later on well focus on he examination of the Cypria dentity in the Greeco-Roman wordt, with special emphasia on the learning for the control of the Cypria dentity in the Creeco-Roman wordt, with special emphasia on the lateral privation of the Cypria dentity in the Creeco-Roman wordt, with special emphasia on the literature of the Cypria dentity of the Creeco Roman wordt, which is the Company of the Creeco Roman wordt and wordt and mythe of a charged autherstopy in the Selds of research, education and culture, as it will examine presented traditions and mythe of a charged autherstopy. It will additionally highlight the intercultural character of the Cypriot cleanly.
EXCELLENCE/1216/0023	PEGNE IN MOTION TRACING HUMAN MOBILITYACROSS THE MEDITERRANEAN IN THE BYZANTINE ERA	Efflymia Nikita	The Cyprus institute		FRO 1: University of Cape Town	135.690.09 e	135.690,00 e	Region to Micros aims at exploring human mobility across the Mediterranean disring the Easty and Middle Sygnatine proof. A Human mobility has played as by you line to formation of the multi-ethic Dysamine state. The proposed project will be the first to systemsically explore the scale, and the proposed project will be the first to systemsically explore the scale and the project of the first systemsically explore the scale and the project will be seen an explored project will be explored the first systemsically explored the scale and the scale
EXCELLENCE/1216/0400	Studies in Greek Bible Epic	Maria Ypsilanti	University of Cypnus		FRC 1: National and Kapodistrian University of Athens	147.400,00 €	147.400,00 €	The project proposes to place the Carek biblical paraphrases in their cultural content and investigate the paraphrasis bedrings on Pt. Apollimism in the poem in which the author produces a paraphrase of the Coll Feathment's P-asims of David in ductylic hoxenselver were. The project pro
EXCELLENCE/1216/0241	Landscapes of Leisure and Politics: The Architectural History of Tourism and Cortfict in Cyprus	Panayinta Pyla	University of Cypnus		FRO 1: Endrien FRO 2: Sizel Bloodogan (Hanard University)	150.000.80 €	150.000.00 €	The architecture of tourism and insteas has a very complex history in the modern era as it has untilities symbolic and practical late to instantial modernization, consome development, servicemental transformations, and even either conflict, is a country like Cyprius, where bustlems considered to the conflict of the c
EXCELLENCE/1216/0034	Spatial updating and domain expertise: the case of dancers	Marios Avraamides	University of Cyprus	PA1-Cypnus University of Technology PA2-SaLVERSKY3D VR TECHNOLOGIES LTD		149,940.00	149,940.00	While moving, even with their spec closed, provide are table to keep track of the changing specientic (a. s., debt beducted telestors to the object of their enhancement. This shall's, soom as spalled updating, is fundamental to inakquistion as it is apports maintaining one's orientation in spalled. The propose project aims to examine the spalled updating riflers as a function of domain expertise. A study will be conducted in which expert disnover, novice disnover, and controls will be repeatedly tasted on their shall's to keep such or memorated bostions while they move in space. Mit scans will also be captured to examine whether possible improvements in updating performance are associated with changes in the morphological structure of it be train.
EXCELLENCE/12/60481	Modified Hydraulic Fracturing for Unconsolidated Reservoirs	Panos Papanastasiou	University of Cygnus		FRO 1: Port - Germany Midhates, Aberystayth University	209.340.00	209.340.00	Hydraulic faculture (PF) is a complex multiphysical phenomenon encountered in namy man-made and natural processor. The most notable exemple of its intended application is floaking, a melhod widely justed to self-hose be the recovery of hydraudistrate from unconventional networked and processor of the processor