

**Results announcement of the first evaluation stage for the call
«Supporting Postdoctoral Researchers»**

PROJECT ID	ACRONYM	POSTDOC CANDIDATE	TITLE	SUBFIELD
52	Melanoma Detection	Georgios Karagiannis	Development of a non invasive system for the early detection of melanoma with the combined use of acoustic microscopy from 50 up to 100MHz, probe microscopy, optical microscopy and diffuse reflectance spectroscopy and imaging from 0.4µm up to 10µm	LS7
256	HARPA	Loukas Petrokokkinos	A Holistic Approach to Radiation theraPy quality Assurance	LS7
276	DoW	George Papadakis	“DNA-on-Waves”: an Integrated Diagnostic System	LS7
341	Neureka!	Athanasios	A complete all-optical neuro imaging system for in-vivo mouse: utilising	LS7
629	Rac1 & Rac3	Simona Tivodar	The role of small RhoGTPases in cortical GABAergic interneuron development	LS7
785	BRCA-GCS	Alexandra-Vassiliki Stavropoulou	Identification of novel rare alleles linked to BREast/ovarian CANcer using Genomic Capture and massively parallel Sequencing	LS7
1248	IVORY	Antonia Akoumianaki	In vitro investigation of osteogenic and angiogenic response of novel	LS7
1666	DATE	Nikolaos Lougiakis	Design and synthesis of new Adenosine kinase inhibitors: a novel approach to the Therapy of Epilepsy	LS7
1682	DENTAD-PROCAT	Orestis Argyros	Development and evaluation of novel targeted drugs for prostate cancer treatment	LS7
1697	PrAsMa_ILD	Panagiotis Korfiatis	Image Guided Therapeutics: Interstitial Lung Disease Progression Assessment and Management	LS7
1736	Ultra-high frequency, Laser-Generated Ultrasound Diagnostic Imaging of Ophthalmic Tumors	Eleni Drakonaki	Ultra-high frequency, Laser-Generated Ultrasound Diagnostic Imaging of Ophthalmic Tumors: A pre-irradiation and post-irradiation experimental study	LS7
1957	XDualGnosis	Christos Michail	Development of a novel digital detector for use in Dual Energy Imaging and quantification aiming in early diagnosis of Breast Cancer and Osteoporosis	LS7
1968	THE OINOFITA STUDY	Christos Varounis	The Effect of Hexavalent Chromium in Drinking Water on the Cardiovascular Mortality and Morbidity	LS7
2012	ReVaReSC	Eleni Bagkli	Remodeling Diabetic and Ischemic Retinal Vasculature Using Progenitor Stem Cells	LS7
2094	LoCGNOSIS	Konstantinos Mitsakakis	Development of a “droplet-to-result” lab-on-chip for biomarker-based diagnostics	LS7

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2161	NANODETEC	Emmanouil Liandris	Development of a nanoparticle-based detection methodology for the complete diagnostic investigation of mycobacterial infections in resource poor settings	LS7
2199	IMMUNOREG	Athanasios Papakyriakou	Rational Design and Development of Inhibitors for Endoplasmic Reticulum Aminopeptidases that Regulate Antigen Processing and Presentation	LS7
2224	AAA Risk Assessment	Eleni Metaxa	Integrating morphologic, biomechanic, molecular and clinical risk factors to improve decision making in the management of abdominal aortic aneurysm disease	LS7
2464	AMGMIMICS	Christos Stathakis	Exploit Aminoglycoside Mimics As Therapeutic Agents	LS7
2694	PsA	Maria Kosmadaki	Diagnostic investigation and follow up of musculoskeletal manifestations in patients with PA by the use advanced imaging modalities	LS7
2874	Shoulder-mechanics	Markos Petousis	Development of a novel shoulder dislocation lesion repair device	LS7
3064	PK-ActResMut	Anastasia Hadzidimitriou	Towards the design of more effective target-specific anti-cancer drugs: High-throughput in vitro prediction of protein kinase activating and resistance mutations	LS7
3274	S-SNEDDS	Theodora Tsapikouni	Development of supersaturated self nanoemulsifying drug delivery(S-SNEDDS) for the oral delivery of poorly soluble drugs	LS7
3384	i-Plaque	Ioannis Chatzis	Integrated Computational Analysis of Intracoronary Images to Assess the Vulnerable Atherosclerotic Plaques and Vessels	LS7
3833	BRUKBBAMSC	Thaleia Teli	Bone Regeneration Using Keratin-Based Biomaterials And Mesenchymal Stem Cells.	LS7
3902	MSC THER	Vasiliki Bitsika	Novel therapeutic approaches using human Amniotic Fluid-derived Mesenchymal Stem Cells as therapeutic vehicles for the treatment of Bladder Cancer	LS7
3921	INPHOMA	Theodora Kossida Kossida	Importance of inflammation for photodynamic therapy of nonmelanoma skin cancer: investigation of cell death mechanism and implication in treatment optimization	LS7
3993	ARIA	Jamie Voyles	Assessing the risk chytridiomycosis poses to Greek amphibians: Implications for amphibian conservation	LS7

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43	PROGRAMA	Stylios Georgantzinis	PROgressive failure of GRAphene nanostructured MAterials	PE7
49	COFMAV	Marialena Vagia	Control Designs for a Flapping Wing Micro Air Vehicle	PE7
50	COWMEN	Christos Papageorgiou	Cooperative and Opportunistic Wireless Mesh and Sensor Networks	PE7
72	GROW-UP	Dionysia Triantafyllopoulou	QoS-Oriented Green Cognitive Radio Networking Using Cross-Layer Design Principles	PE7
79	DISSIPATE	Theodoros Athanaileas	Advanced Integrated Radio-Wave Propagation Analysis for Wireless Communications	PE7
136	ANTARES	Stavros Ntalampiras	Automatic aNnoTAtion and REgistration of biodiverSity	PE7
150	Tera-phere	Georgios Deligeorgis	Terahertz communications using graphene	PE7
152	SON4Green	Dimitrios Tsilimantos	Planning Green SONS for Next Generation Wireless Communications	PE7
153	NanoTera	Antonios Bazigos	Nanoscale MOSFET Compact Modeling for sub-THz Applications with Emphasis on Variability and Noise	PE7
281	HYDRO-ROB	Asimina Kazakidi	Hydrodynamic investigation of aquatic locomotion with respect to elongated, biologically-inspired robotic devices	PE7
358	PROWL	Panagiotis Zakynthinos	Optical Signal Processing for Fade and Noise Mitigation in Outdoor Optical Wireless Systems	PE7
396	ART-COMP	Antonis Gotsis	Advanced Radio Access Techniques for Next Generation Cellular NetwOrks: The Multi-Site Coordination Paradigm	PE7
483	RiskMPC	Panagiotis Patrinos	Risk-averse Model Predictive Control: Bridging the gap between robust and stochastic MPC	PE7
515	CoopCom	Vasileios Sakarellos	Cooperative techniques for high efficiency radio communications	PE7
568	CONVERG-NET	Efstratios Kehayas	Converged Fixed-Mobile architectural codesign for Next-Generation Broadband Access	PE7
584	OPTIMUS	Apostolos Argyris	One-time Pad Gb/s data encryption Through synchronized chaos-based ultrafast true random number generatorS	PE7
586	DASUVEC	Evangelos Papatheou	Development and assessment of novel statistical time-series methods for health monitoring of structures under varying environmental conditions and uncertainties	PE7
668	HARDTRO	Paraskevas Kitsos	HARDware TROjan Detection	PE7
755	INFLOW	Georgios Rodolakis	Information Flow in Opportunistic Wireless Networks	PE7
824	ELAC	Antonis Papanikolaou	Extending the Lifetime of next-generation Adaptive Chips	PE7
925	UCII	Eleftherios (Lefteris) Mamatas	User-assisted Communication & Information Isles (UCII)	PE7
1038	OnCoSeM	Ioannis Kopsinis	Online Compressed Sensing for Medical Applications	PE7
1114	ADVANCE-PCF	Anna Tsigara	Advanced Fiber Devices Based on Photonic Crystal Fibers	PE7
1329	SAFEWEAR	Theodore Zervos	Study of methods to reduce human exposure to EM fields of wearable antennas	PE7

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1375	COWIRE	Diomidis Michalopoulos	Cognitive Wireless Relaying	PE7
1410	In-Motes Solar	Dimitrios Georgoulas	Self-validating hardware and software with embedded intelligence for ad-hoc and wireless sensor networks	PE7
1411	LEDOWS	Ioannis Neokosmidis	LED-based Optical Wireless Systems	PE7
1426	IACONP	Marios Gatzianas	Interference-aware coding schemes for optimal network performance	PE7
1492	CORLAB	Emmanouil Dramatinos	CORLAB: Powerful multi-level technology- and business-driven modeling and evaluation of cognitive radio networks	PE7
1661	CALLESTO	Dimitrios Skraparlis	Cooperative communicAtions with Low Latency, energy Efficiency and high System ThrOUGHput	PE7
1713	XCodes	George Athanasiou	Design and Implementation of a Robust Cross-Layer Network Coding Framework	PE7
1811	PAINTBOX	Constantine Kakoyiannis	Progressive Antenna INtegration for advanced mobile Terminals and BOdy-centric technology eXplorations	PE7
1836	RRM IN NGN/4G	Georgios Tsiropoulos	Radio Resource Management, Mobility Management and Call Control in NGN/4G Wireless Communications Systems	PE7
1892	MIMOCORD	Georgios Ropokis	Multi-cell miMO for COgnitive RaDio	PE7
2046	SG-SCU	Dimitrios Tsiamitros	Smart grid simulation using small-scale pilot installations	PE7
2113	SMART	Georgios Koutitas	SMARt Radio neTworks	PE7
2194	OptiViSt	Anna Sfairopoulou	Optimizing the QoS of video streaming over multi-rate 802.11 networks	PE7
2240	JOCONDAS	Stylianos Papaharalabos	Joint Network Channel Coding Design of Generalized Wireless Relay-Based Communication Systems	PE7
2299	substrate INtegrated waveguide millimeTer-wave transceiver front-End for 4G point-to-point wiReless bAckhauling applicaTIONs - INTEGRATION	Nikolaos Athanasopoulos	Substrate Integrated Waveguide Millimeter-Wave Transceiver Front-End for 4G point-to-point Wireless Backhauling Applications	PE7
2302	EXADAS	Spyridon Xergias	New Approaches on Computer Networks: Exploit Advanced Data Structures	PE7
2391	REATA	Natalia Miliou	Radio Environmental Awareness Theory & Applications	PE7
2477	MAFIN	Paris Flegkas	Management of the Future Internet	PE7
2553	MU.N.B.E.T.	Georgios Efstathopoulos	MUltiple Nearfield Broadband Emmiter Tracker	PE7
2611	HERMT.WIFI	Dimitrios Stratogiannis	High Efficient Resource Management Techniques for Next Generation Wireless Networks	PE7

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2636	ConQuer	Elias Tragos	Cognitive multi-radiO resource maNagement for maximum Quality of service in fUture hetEroogeneous wiREless networks	PE7
2656	FlexTFTs	Andreas Tsormpatzoglou	Oxide Semiconductor Thin-Film Transistors For Flexible, Large-Area CMOS Electronics	PE7
2665	OptDesSimOrganic	Nikolaos Papadopoulos	“Optimization of design and simulation of complex circuits, transistors and organic materials onto a flexible plastic substrate”	PE7
2670	Flex-O-Net	Konstantinos Christodouloupoulos	Elastic Bandwidth Allocation in Flexible Optical Networks	PE7
2710	SOLARSR	Antigoni Panagiotopoulou	Identifying solar signatures for axions, paraphotons and chameleons by means of super-resolution image reconstruction	PE7
2742	microDIAGNOSIS	Maria Christopoulou	Microwave-based diagnosis for pneumothorax and detection of air cavities in body	PE7
2772	SECIR	Maria Striki	SEcure Communications and Improved Routing with Distributed Techniques	PE7
2850	PhosInRAM	Konstantinos Vyrsoinos	Photonic Integrated RAM circuit	PE7
2876	3D-TEST	Michael Dimopoulos	Test Techniques for Three Dimensional Stacked ICs	PE7
2890	CSESABCI	Ioannis Vlachos	Coupling and Synchronization of ECoG Signals with Application on Brain-Computer Interface	PE7
2899	ASCCDN	Symeon Grivopoulos	A priori sufficient conditions for coordination in dynamical networks	PE7
2912	OPCOM	Nikolaos Dimokas	Opportunistic Communication platform	PE7
2978	MC2-FIA	Konstantinos Katsaros	Mobility support in Content-Centric Future Internet Architectures	PE7
3017	VOLITION	Athanasios Lioumpas	An adVanced cOmmunication-theoretic approach to neuron-channel analysIs with applicaTIONs to artificial human neural prostheses	PE7
3131	ENERGYSENSE	Michail Kiziroglou	Energy Harvesting Technologies for Body Sensor Networks	PE7
3157	TLC-PLASM	Dimitrios Zografopoulos	Tunable Liquid-Crystal long-range surface PLASMon polariton components	PE7
3180	NAMOR	Emanuele Verrelli	Development of metal-oxide nanostructures for scaled resistive memories	PE7
3204	FutureNET	Eleni Patouni	Fair Synergetic Resource Management and Behaviour-Aware Adaptation in Future Internet Environments	PE7
3209	CRN-q	Christopher Vervferidis	Quality-of-experience for video streaming over cognitive radio networks	PE7
3238	SAMS	Georgios Bertos	Shock Absorption Monitoring System	PE7
3272	QoSWiSoN	Dimitrios Vergados	Quality of Service in Wireless and Social Networks	PE7
3335	WIN	Antonios Argyriou	Wireless Interference Networks	PE7
3349	3GRETE	Yiannis Katsigiannis	Modelling and operation of a micro trigeneration system in Crete Island	PE7

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3351	InTrusion dEtection sCHeme for maNets based On random WaLks and cross layEr Detection enGinEs	Christoforos Ntantogian	Technoknowledge	PE7
3513	SRNET	Eirini Karapistoli	Game Theoretic Secure Routing in Wireless Sensor Network Critical Infrastructures	PE7
3542	MMF-FORCE	Christos Tsekrekos	MultiMode Fibers – Fundamental Optical Research for Communications Evolution	PE7
3794	ERALTE-A	Thomas Lagkas	Novel packet scheduling schemes for efficient resource allocation in LTE-Advanced 4G networks	PE7
4020	POWER.LINE	Nikoleta Andreadou	Power Line Communications Channel: Studying its Aspects and Investigating on Possible Transmission Techniques	PE7
4041	Shear Sense	George Kanellos	Optical technology based shear sensor for biomedical applications	PE7
4043	iSKIN	Dimitrios Tsiokos	Temperature and transversal forces independent photonic pressure skin	PE7
4051	SYSTEST	Sandeep Goel	Physical-Aware Testing and Diagnosis of Systematic Defects in Advanced Process Technology Nodes	PE7
4107	In-Motes Solar	Dimitrios Georgoulas	Self-validating hardware and software with embedded intelligence for ad-hoc and wireless sensor networks	PE7