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RESEARCH GRANTS

GRANTS OBTAINED IN THE PERIOD 2003-2017, UNIV. OF CRETE/IMBB-FORTH

Competitive research grants

Period	Funding Body/ Type of Grant	Title	Part- ners	Role	Total (€)	Biosensors Lab (€)
2017- 2020	EC- HORIZON2020 (FET-OPEN-2015)	Capturing non-amplified tumor circulating DNA with ultrasound hydrodynamics	7	<u>Project Coordinator</u>	3.412M	682,500
2016 (3 months)	Institut Français (Collaboration)	Study of membrane permeabilization with acoustic biosensors	2	<u>Principal Investigator</u> Greek team	12.000	6,000
2016- 2019	EC- HORIZON2020 (KET-2015)	A portable MicroNanoBioSystem and Instrument for ultra-fast analysis of pathogens in food: Innovation from LOVE-FOOD prototype to pre-commercial instrument	7	<u>Project Coordinator</u>	3.152M	809,791
2016- 2019	EC- HORIZON2020 (KET-2015)	Reliable Novel Liquid Biopsy technology for early detection of colorectal cancer	6	Participating Member	2.307M	450,000
2013- 2015	EC/GSRT (KRIPIS)	Development of interdisciplinary research actions for systems biology	1	Participating Member	2.517M	25,000
2013- 2015	EC-FP7 REGPOT-2011-1 (Coordination & Support Action)	Unlocking the innovative capacity of multidisciplinary structural biology-driven research in Crete	1	Participating Member	3M	92,000
2013- 2015	GSRT (Synergasia 2011)	Converging Lamb wave sensors with microtechnologies towards an integrated Lab-on-chip for clinical diagnostics	4	<u>Project Coordinator</u>	299,032	80,480
2012- 2015	EC FP7-ICT: Micro-Nano-Bio	Love wave fully integrated Lab-on-chip platform for food pathogen detection	7	<u>Project Coordinator</u>	2.997M	652,965
2011- 2013	Ministry of Education (Heraclitus II)	Study of the mechanism of interaction of antimicrobial peptides α -defensins using biosensors	1	<u>Principal Investigator</u>		45,000
2009- 2011	GSRT/DAAD (Bilateral)	Biosurfaces and devices for the study of cancerous cells and the specific activation of T-lymphocytes	2	<u>Principal Investigator</u> Greek team	20,000	10,000

2008	ELKE Univ. of Crete	Acoustic study of the mechanism of action of the anti-microbial peptide Crp4	1	<u>Principal Investigator</u>		3,500
2007-2009	EC-FP6 Marie Curie Research Training Network	European network on selection and analysis of protein-protein interactions	10	Participating Member	2.207M	147,139
2006-2008	GSRT (ENTER)	Study of the elusion profile of immobilized BMP-2 and VEGF proteins from implants using biosensors	1	<u>Principal Investigator</u>		80,000
2006-2009	GSRT (PENED)	Biosensor for probing protein interactions	3	<u>Project Coordinator</u>	139,450	46,483
2005-2006	Ministry of Education (Pythagoras II)	Development of polymer surfaces for the formation of membrane arrays	1	<u>Principal Investigator</u>		37,250
2004-2007	Human Frontier Science Program	Mechanism of antimicrobial peptide interactions with the target cell membrane	4	<u>Project Coordinator</u>	1.107 M	377,100
2004-2006	GSRT/British Council	Polymer patterns for the formation of membrane arrays	2	<u>Principal Investigator</u> Greek team	23.000	11,500
<i>Total</i>						3.556M

Marie Curie Fellowships (Biosensors Lab, IMBB-FORTH: Host)

Year	Type of Fellowship	Title	Budget (€)
2012	Intra European Fellowship (IEF)	Cellular Analyses of APCs and T-cells on SAW-based Platform for Early and Multiplex Disease Diagnosis	(Fellow took up permanent position abroad)
2011	Marie Curie Career Integration Grant (CIG)	Nanoparticle-Cell Interactions, a Pathway for Understanding Nanotoxicity: from a Model System to in vitro Systems	(Fellow took up permanent position abroad)
2005	Marie Curie European Return and Reintegration Grant	Mechanism of interaction of antimicrobial peptides with the cell membrane using biosensors	40,000
<i>Total</i>			40,000

Other

Year	Type of Grant	Title	Budget (€)
2012 (6 months)	Collaboration IMDEA Nanociencias, Madrid, Spain	Study of the interaction of ZipA with a model membrane using acoustic techniques	5,000
2006 (3 months)	Industrial Microtechnology Centre Ltd, Australia	Evaluation of Love wave sensor towards the detection of <i>Legionella</i> bacteria	30,000
<i>Total</i>			35,000

