



# 13th "EDUCATION THROUGH SCIENCE" PROGRAMME - 2009/2010

NUMBER	PROJECT TITLE	RESEARCH UNIT	STUDENTS	TUTORS	FINAL DECISION
2010001	Clinical evolution after acute myocardial stroke with ST elevation: monitoring of cardiovascular risk factors and of functional recovery in a Cardiac Rehabilitation programme	Cardiology Centre	João Pedro Vilaça Delgado de Almeida e Mesquita Ana Marta Lopes Coelho Filipa Nunes Ferreira da Silva	Manuela Fiuza Nuno Cortez Dias	Accepted Unfinanced
2010002	Effect of RANK-RANKL signalling pathway on MMP1, MMP9, OPG and PTHrP gene expression of breast and prostate cancer cell lines in vitro	Unit of Applied Research in Clinical Oncology (IMM)	Sofia de Figueiredo Ribeiro	Sandra Cristina Cara de Anjo Casimiro	Accepted Financed
2010003	The effects of polymyxin B in biomembrane models integrity: a dynamic light scattering and fluorescence study	Biomembrane Unit (IMM)	José Miguel Martins Raimundo	Nuno Correia Santos Marco Manso Domingues	Accepted Unfinanced
2010004	Interaction of HIV-1 fusion inhibitor peptides enfuvirtide and T-1249 with blood cells membranes: the effect of cholesterol	Biomembrane Unit (IMM)	Teresa Loução de Almeida	Nuno C. Santos Pedro M. Matos	Accepted Unfinanced
2010005	Molecular basis of translocation of novel nucleolar-targeting peptides	Biomembrane Unit (IMM)	Ana Cláudia Antunes Penetra	Sónia Gonçalves Margarida Rodrigues	Accepted Financed
2010006	Monitoring at rest and in effort of cardiorespiratory alterations provoked by the hipobaric hypoxia of air travel.	University Clinic of Pneumology	Mariana da Cruz Alves	Professor A. Bugalho de Almeida Dr Susana Moreira	Accepted Financed
2010008	Determination of acuity of strain parameters determined by speckle tracking in the diagnosis of segmentary kinetic alterations	Cardiology Centre	Ana Marta Lopes Coelho	Maria Manuela Fiuza Doroteia Reis Silva	Accepted Financed
2010009	Additional value of ecocardiographic parameters of myocardial deforming in foreseeing of functional recovery after acute myocardial stroke with ST elevation	Cardiology Centre	Filipa Nunes Ferreira da Silva	Maria Manuela Fiuza Miguel Almeida Ribeiro	Accepted Financed
2010010	Resistance to plaquetary antiaggregants in acute myocardial stroke with ST elevation: Prevalence and Prognostic Implications	University Clinic of Cardiology	António Manuel Rosa de Oliveira	Professor João Carvalho de Sousa Dr Susana Robalo Martins	Accepted Unfinanced
2010011	Adrenomedulline: new prognosis biomarker in decompensated heart failure	University Clinic of Cardiology	Sofia António Monteiro Diogo Miguel Gouveia Tomé	Professor Dulce Alves Brito Doroteia José Silva	Accepted Financed
2010012	Initial organogenesis of the timo: topography of Notch signalling and its correlation with the specification of the endodermis in thymic epithelium	Institute of Histology and Biology of Development	António Miguel Martins de Carvalho	Hélia Cristina Oliveira Neves	Accepted Unfinanced
2010013	Correlation of the levels of interleucine 6 with the gravity of the structural commitment of acute myocardial stroke and prognostic implications	University Clinic of Cardiology	Pedro Manuel Moura Branco	Professor João Carvalho de Sousa Dr Claudia Jorge	Accepted Financed
2010014	Study of vascular recurrence in patients with AIT in AIT consultations	University Clinic of Neurology	Mariana Gaspar Fonseca	Dr Patrícia Canhão	Accepted Financed
2010016	Clinical and ecocardiographic parameters predicting clinical response to resynchronisation therapy in patients with heart failure	University Clinic of Cardiology	André Alexandre dos Santos Rocha João Pedro Cordeiro Rato Mesquita da Silva	Dr João de Sousa Professor Mário G. Lopes	Accepted Unfinanced
2010017	Use of cationic liposomes as a vector of delivery of the fusion inhibitor of plasmatic and viral sifuvirtide HIV-1 for models of membranes	Physical Biochemistry Unit (IMM)	Filipa Sofia de Sousa Fernandes	Professor Miguel Augusto Rico Botas Castanho	Accepted Unfinanced

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2010018	Study of the absence of Notch signalling in endothelial differentiation from embryonic stem cells	Institute of Histology and Biology of Development	Andreia Susana Delgado Magalhães	Isabel da Conceição Alves Alcobia Príncipe Henriques	Accepted Financed
2010019	Construction of an invitro model of the hematoencephalic barrier for the study of the transposition of fragments of proteins of the dengue virus	Physical Biochemistry Unit (IMM)	Mafalda Isabel Dias Neves Miguel Ferreira da Silva Vasques de Carvalho	Isa Domingues Serrano Miguel Augusto Botas Castanho	Accepted Financed
2010020	Evaluation of the distribution of the normality of ocular hysteresis: its correlation with age, refraction, axial length, central thickness of the cornea.	University Clinic of Ophthalmology	Ana Margarida Leitao Moreira	Carlos Marques Neves Antonio Castanheira Dinis	Accepted Financed
2010021	Effect of memantine on rat hippocampal long-term potentiation upon ageing	Neurosciences Unit (IMM)	Ruben Duque do Vale	Maria José de Oliveira Diógenes	Accepted Financed
2010022	transitory isthchemic accidents in old people. Characteristics and prognosis	University Clinic of Neurology	Raquel Gomes Marques Paixão Rui Pedro Osório Nunes Valente	Dr Patrícia Canhão	Accepted Unfinanced
2010023	Immunological reconstitution in patients with cGVHD: a new insight on regulatory T cell interaction with NKT cells in the development of cGVHD	University Clinic of Haematology	Miguel Vieira Martins	Professor João Forjaz de Lacerda Professor Íris Caramalho	Accepted Financed
2010024	The role of adjuvants in the induction of immunotolerance to factor VIII in the treatment of hemophilia A.	Basic Immunology Laboratory	Benjamin E. Wolf	Dr Vanessa Alexandra Goncavalas de Oliveira Professor Luís Graca	Accepted Financed
2010025	Interaction of polymyxin B with biomembrane models: a charge and lipid selectivity study	Biomembrane Unit (IMM)	Rita Gonçalves Inácio	Nuno Correia Santos Marco Manso Domingues	Accepted Unfinanced
2010026	Pulmonary Arterial Hypertension - impact of ventricular right dissynchronisation in the prognosis	University Clinic of Cardiology	Mário Rui Rosado Ramalho Mariana Ferreira Cardoso	Professor Ana Maria Gomes de Almeida Dr Maria Susana Barbosa Robalo Martins	Accepted Unfinanced
2010027	IMMUNOCETOCEMICAL CHARACTERISATION OF THE ACCUMBENS HUMAN NUCLEUS FOR FUNCTIONAL MAPPING (CALBINDINA AND CALRETININA)	Institute of Anatomy	Hugo Filipe Gonçalves Martins Joana Rita Ávila Toscano Monteiro David Nuno Maia Pinto	Lia Pereira Lucas Neto	Accepted Financed
2010029	Kyotorphine: comparative approach to its side-effects with opioide molecules used in clinical practice.	Biochemistry Institute	David Samuel Cordeiro Sousa	Miguel Augusto Rico Botas Castanho Isa Serrano	Accepted Financed
2010030	Determination of autonomic oscillations of the pupil in normal volunteers	Autonomous Nervous System Unit (IMM)	Cristina Maria Rosado da Silva Coelho	Carlos Marques Neves	Accepted Financed
2010032	THERAPEUTIC CHANGE IN HIV POSITIVE PATIENTS: RETROSPECTIVE EVALUATION OF OCCURRENCE AND ASSOCIATED FACTORS	Institute of Preventive Medicine	Andreia Heitor Martins da Cunha Leite	Paulo Jorge de Moraes Zamith Nicola Milene Catarina Coelho Fernandes	Accepted Unfinanced
2010033	The Hox code in the formation of the thymus.	Institute of Histology and Biology of Development	Ana Filipa Nunes de Almeida Rodrigues de Sousa	Hélia Cristina Oliveira Neves	Accepted Financed
2010034	Characterization of glycinergic transmission in primary hippocampal cultures - Potential role in epilepsy	Institute of Pharmacology and Neurosciences	Renato Maia Nogueira	Cláudia Alexandra dos Santos Valente de Castro Professor Ana Maria Sebastião	Accepted Financed
2010035	Study of the Circadian Pattern in Crises in Patients with Temporal Mesial Refractory Epilepsy, in Out-patient Situation.	University Clinic of Neurology	Ruben Daniel Duarte Ferreira	Dr Carla G. Bentes	Accepted Unfinanced
2010036	Streptococcus pneumoniae invasive infection: characterization and risk factors correlation	Institute of Microbiology	David Samuel Cordeiro Sousa João Pedro Pinho Soares Ferreira	José Melo Cristino	Accepted Unfinanced
2010037	NUTRITION IN THE HYPERTENSE IMMIGRANTS AND CARDIOVASCULAR RISK (NHIRC): Are hypertense immigrants at greater risk than the non-immigrants due to dietary inequalities?	Institute of Preventive Medicine	Ana Margarida da Silva Alexandre Pinto	Professor Evangelista Casimiro Rocha Dr Violeta Sabina Niego Perestrelo de Alarcão	Accepted Financed
2010038	Vascular complications in places of primary angioplastics access with manual/mechanical compression versus percutaneous vascular closing – VASCAMI study	Autonomous Nervous System Unit (IMM)	António Maria Moura Tavares de Sampaio Soares João de Vasconcelos Cordeiro e Melo Borges Francisco Manuel Canas Serra Lourenço Alves	Dr Henrique Gabriel Dr Isabel Rocha	Accepted Unfinanced
2010039	Study of New Serological Markers in Prognosis of Pulmonary Arterial Hypertension	University Clinic of Cardiology	Ana Isabel Chora Sousa Rute Baeta Baptista	Ana G. Almeida João Silva Marques	Accepted Unfinanced
2010040	Genetic modification of the paraventricular nucleus of the hypothalamus (PVN) to control hypertension chronically	Autonomous Nervous System Unit (IMM)	Tiago dos Reis Matos	Professor Isabel Rocha	Accepted Financed
2010041	Retrospective Evaluation of Adhesion to Anti-Retroviral Therapy	Institute of Preventive Medicine	José Alexandre Sousa Freitas	Paulo Jorge de Moraes Zamith Nicola Milene Catarina Coelho Fernandes	Accepted Financed
2010043	Development of an animal model of ocular hypertension	Institute of Physiology	Filipe André Brogueira Rodrigues Gonçalo Moraes e Castro Rodrigues David Manuel Galaz Tavares	Carlos Neves	Accepted Financed

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2010044	FACTORS ASSOCIATED TO THE THERAPEUTIC DECISION IN HYPERTENSION - AN EVALUATION IN PRIMARY HEALTH CARE IN IMMIGRANTS AND NON-IMMIGRANTS	Institute of Preventive Medicine	Joana Sofia Barbosa Rodrigues	Professor Evangelista Casimiro Rocha      Dr Milene Catarina Coelho Fernandes	Accepted Financed
2010045	Development of a diaphragmatic pacing system	Autonomous Nervous System Unit (IMM)	Afonso Miguel Nunes Ferreira	Maria Isabel de Sousa Rocha	Accepted Financed
2010049	Impact of neonatal administration of a neurotrophic factor-enriched diet on rat brain development	Institute of Pharmacology and Neurosciences	António Proença Caetano	Professor Maria José Diógenes	Accepted Unfinanced
2010050	Streptococcus agalactiae in Urinary Infections: Distribution of Serotype and Antimicrobial Susceptibility	Institute of Microbiology	José Miguel Correia Monteiro	José Melo Cristino	Accepted Financed
2010051	Non-compacted Myocardial: a new myocardiopathy. Genetic characterisation, genotype-phenotype relationship and impact on prognosis	University Clinic of Cardiology	Cátia Andreia Costa Gonçalves      Mariana Gaspar Fonseca      Francisco Ricardo Nota Moreira das Neves Coelho	Professor Mário G. Lopes      Professor Ana G. Almeida	Accepted Unfinanced