

Research Projects finalized in the period 2007 – 2011

National Projects

Immunobiology Laboratory

Title	Period
CEEX - HEALTH Innovative methods in photo-chemotherapy with new nano-structured photosensitizers - from synthesis to clinical application	2005-2008
CEEX - BIOTECH Anti-aging effects induced by photodynamic therapy with 5-aminolevulinic acid - molecular mechanisms	2005-2008
CEEX - BIOTECH Molecular markers involved in the aetiology, diagnostic and prognostic of leg chronic venous insufficiency	2006-2008
PNII 41-083 Experimental model for photodynamic therapy using tetrakis- 4- sulphonate-phenil-porphyrin-TSPP spinocellular epitheliomas	2007-2010
PNII 61-009 Staging and immunological monitoring in skin malignant melanoma - innovative methods for diagnosis	2007-2010
PNII 11-035 Cavitand and coronand structures - new nanotechnologies approach for antitumoral compounds	2007-2010
PNII 41-047 In vitro evaluation at cellular level of multi-functional heterocyclic systems for potential biomedical applications	2007-2010
PNII PARTNERSHIPS Development of protocols for coherent optical multiple fractionated irradiation (SIFROC) in photodynamic therapy using methyl-aminolevulinate (MAL-PDT) in premalignant and malignant non-melanoma cutaneous diseases	2008-2011

Immunopathology Laboratory

Title	Period
CEEX - HEALTH 6 Immunological and genotoxic blood testing for defining normal range in adult population in Romania	2005-2008
CEEX- BIOTECH Control of human cells and bacterial interaction with NANO structured surfaces: strategies for the creation of "INTEligent" biosurfaces	2006-2008
CEEX- BIOTECH New strategies of cell therapy by using progenitors from umbilical cord blood	2006-2008
CEEX- BIOTECH The role of membrane lipids in tumor cell response to chemotherapy	2006-2008
PNII PARTNERSHIPS Bio-evolutionary and molecular characteristics of liver metastases of recto-colic cancer	2006-2008
Cp.I 32 Upgrading of Biobank for tumor cells and nucleic acids by attaching a immunogenomics laboratory for molecular screening in cancer	2007-2010

PNII 41-044 Identification of a panel of biomarkers predictive of the evolution of inflammatory rheumatic diseases during immunosuppressive treatment	2007-2010
PNII 41-046 NK CD56 ^{bright} and NK CD56 ^{dim} cell subpopulations and tetraspanine family glycoproteins: immunomodulators involved in tumor invasion and metastasis	2007-2010
PNII 42-120 Medical-biological complex study of novel usage of potentially therapeutic environmental factors in salt mines and caves for balneoclimatic health and tourism	2008-2011
PNII 42-142 Study of innovative therapies in infantile hemangiomas selectively applied depending on the form of the disease and the stage of evolution	2008-2011
PNII 62-073 Bioinformatics system based on artificial intelligence for monitoring of the immune system in correlation with human body metabolic processes	2008-2011
PNII 62-083 Study of non-invasive markers for diagnosis and prognosis of non-alcoholic steatohepatitis	2008-2011

International

Immunobiology Laboratory

Project	Date	Stage
NATO Sfp 982838/2007 Development of a novel immunoassay for the very early detection of Biothreatening bacterial infections	2007-2010	-
FP7-PEOPLE-IRSES-2008 Natural antidiabetic & antihypertensive drugs	2008-2010	-
MNT-ERA NET Full-Proposal nb 430 New photosensitizer-drugs in dermato-oncology	2009-2012	On - going
MNT-ERA NET Full-proposal nb 419 Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine	2009-2012	On - going

Immunopathology Laboratory

Project	Date	Stage
FP7 INCD, „Victor Babeș” București este organizație asociată la BBMRI (Biobanking and Biomolecular Resources Research Infrastructure) – European Commission Grant Agreement Number 212111		In derulare
POSCCE (Programul Operațional Sectorial pentru Creșterea Competitivității Economice)		In derulare

Structural projects (POS-DRU EU projects)

CF5

Project title	Vocational and organizational training for imunological laboratory employers by implementing high technology and quality management - IMUNOLAB
Call name	POSDRU 2007-2013
Partner leader	Cornel URSACIUC
Start date (mm-yyyy)	12.2010
End date (mm-yyyy)	11.2013
Members from Immunology Department	Cornel Ursaciuc, Mihaela Surcel, Monica Neagu, Carolina Constantin, Dan Ciotaru, Radu Huica, Maria Dobre, Adriana Munteanu

CF6

Project title	Training system for health professionals in up-date technolouges for improved molecular diagnostics - TDM
Call name	POSDRU 2007-2013
Project leader	Laurentiu Mircea Popescu
Start date (mm-yyyy)	12.2010
End date (mm-yyyy)	11.2013
Members from Immunology Department	Cornel Ursaciuc, Mihaela Surcel, Monica Neagu, Carolina Constantin, Radu Huica, Maria Dobre, Adriana Munteanu