

CURRICULUM VITAE



Personal information

First name(s) / Surname(s) **Virgil Paunescu**
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Nationality Romanian
Date of birth 23th of October 1961
Gender Male

Work experience

Dates From July 2006 to present
Occupation or position held Presidential Adviser
Main activities and responsibilities Monitoring and evaluation of public health problems of Romanian
Name and address of employer Presidential Administration Department of Public Health Cotroceni Palace, Street Genius no. 1-3, Sector 5, Bucharest, Romania

Dates	October 2005 - June 2006
Occupation or position held	Minister-Secretary of State for Medical Assistance and Health
Main activities and responsibilities	Monitoring, analysis and evaluation of public health issues
Name and address of employer	In Ministry of Public Health Entr. Cristian Popișteanu, no. 1-3, sector 1, Bucharest, Romania
Dates	May to October 2005 mai - octombrie 2005
Occupation or position held	General Director
Main activities and responsibilities	Coordination of Emergency Hospital Timisoara
Name and address of employer	Clinical and Emergency Hospital, Timisoara, Bulbuca Joseph Blvd. No. 10, Timisoara, Romania
Dates	2003 - October 2005
Occupation or position held	Director
Main activities and responsibilities	Coordination of Research and Development
Name and address of employer	Center for Biotechnology and Immuno-physiology Timișoara (center CNCSIS), Bulbuca Joseph Blvd. No. 10, Timisoara, Romania
Dates	2001 - October 2005 - Immunology, Department of Physiology -
Occupation or position held	Director of International Relations Department
Dates	2000 - October 2005
Occupation or position held	Head of Physiology and Immunology Department
Name and address of employer	University of Medicine and Pharmacy Victor Babes Timisoara, Physiology-Immunology Department Eftimie Murgu Square no. 2, Timisoara, Romania
Dates	2000
Occupation or position held	President of the National 248 Calea Calarasi,
Main activities and responsibilities	Coordinates the unitary function of health insurance system in Romania
Name and address of employer	National Health Insurances Unit, Calea Călărășilor no., 248, Building S19, Sector 3, Bucharest, Romania
Dates	April 1997 - 2000
Occupation or position held	Director of Human Resources and Training Department
Dates	January 1997 - April 1997
Occupation or position held	Deputy Director of Human Resources and Training Department
Main activities and responsibilities	Management and personnel management, global strategies to improve training
Name and address of employer	Ministry of Health Cristian Popișteanu Entrance, no. 1-3, sector 1, Bucharest, Romania
Dates	From 2003- present
Occupation or position held	Professor, Immunology Discipline
Dates	1999 - 2003
Occupation or position held	Associate Professor

Dates	1997 - 1999
Occupation or position held	Lecturer
Dates	1994 - 1997
Occupation or position held	Assistant
Name and address of employer	University of Medicine and Pharmacy Victor Babes Timisoara, Physiology-Immunology Department Eftimie Murgu Square no. 2, Timisoara, Romania

Dates	1994 - 1999
Occupation or position held	Clinical Laboratory MD
Name and address of employer	Clinical and Emergency Hospital, Central Laboratory, Timisoara, Bulbuca Joseph Blvd. No. 10, Timisoara, Romania

Dates	1992 - 1994
Occupation or position held	Specialist MD, Clinical Laboratory
Name and address of employer	Institute of Public Health Dr. Victor Babes Blvd No.16-18, Timisoara, Romania

Dates	1990 -1992
Occupation or position held	General Medicine MD
Name and address of employer	Public Health Department of Bihor County Street. Republicii no. 33, Oradea,

Dates	1987 - 1990
Occupation or position held	Probationer MD
Name and address of employer	Iasi County Hospital

Education and trainings

Dates	1998
Title of qualification awarded	Certificate of competence in managing health and social services
Dates	1997
Calificarea / Title of qualification awarded	Clinical Immunology specialist MD
Principal subjects/occupational skills covered	Clinical Immunology
Name and type of organisation providing education and training	University of Medicine and Pharmacy Victor Babes Timisoara - County Hospital Timisoara
Dates	1992 - 1996
Title of qualification awarded	PhD in Medical Sciences , specialization: Normal Physiology and pathologic
Principal subjects/occupational skills covered	Normal Physiology
Name and type of organisation providing education and training	University of Medicine and Pharmacy Victor Babes Timisoara

Dates 1994 - 1999
 Title of qualification awarded Primary MD Clinic Laboratory
 Principal subjects/occupational skills covered Clinic Laboratory
 Name and type of organization providing education and training University of Medicine and Pharmacy Victor Babes Timisoara – County Hospital Timisoara

Dates 1992 - 1994
 Title of qualification awarded Specialist MD Clinic Laboratory
 Principal subjects/occupational skills covered Clinic Laboratory
 Name and type of organization providing education and training Public Health Institute of Timis County

Dates 1990 - 1992
 Title of qualification awarded General Medicine MD
 Name and type of organization providing education and training County Public Health Department of Bihor

Dates 1987 - 1990
 Title of qualification awarded Probationer MD
 Name and type of organization providing education and training Iasi County Hospital

Dates 1981 - 1987
 Title of qualification awarded General Medicine MD
 Principal subjects/occupational skills covered General Medicine
 Name and type of organization providing education and training Institute of Medicine Timisoara

Personal skills and competences

Maternal Language **Romanian**

Self-assessment
European level ()*
English language
French Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
B2	Independent user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	<ul style="list-style-type: none"> - Ability to adapt to multicultural environments, gained through experience as Director of International Relations Department of the University of Medicine and Pharmacy Timisoara, as well as collaboration in international projects - Good communication skills gained through my leadership positions held
Organizational skills and competences	<ul style="list-style-type: none"> - Experience in project management, coordination of projects obtained from the national and international funding - experience in organizing national and international scientific events - team management experience, gained in a professional context
Other competences and skills	<ul style="list-style-type: none"> - CNCSIS evaluator, the Commission 6 - evaluator PNCDI II - member of the editorial team of Journal Physiology (Physiology) - member of the editorial team of Timisoara Medical Journal Magazine
Supplementary information	<ul style="list-style-type: none"> - Coordinator of the team participated in the immunological first autologous transplant (2000) and the first allogeneic bone marrow transplant from Romania (2002) - Establishment of Immuno- physiology and Biotechnology Center Timisoara, research center at the University of Medicine and Pharmacy Victor Babes Timisoara, recognized CNCSIS - Achievement, together with the Institute of Cardiovascular Diseases Timisoara, the first clinical trial on the application of AC133 stem cell therapy in patients with myocardial infarction (2003)
Organizing international courses and scientific events	<ul style="list-style-type: none"> -International Course "Cours Immunobiologie-Immuno-modulation" -organized by the University of Medicine and Pharmacy "Victor Babes" Timisoara and the University Paris-Sud, Timisoara, 1997, -Event "Cercetarea medicală regională în contextul integrării europene – tendințe actuale;" Timisoara, organized by the University of Medicine and Pharmacy "Victor Babes" Timisoara, University of Szeged, Hungary and University Paris Sud, France, 1 to 5 October 2003 - Ninth National Congress of the Romanian Society of Physiology, 3-5 June 2004 -Workshop with participation International Biotechnology for Health, Timisoara, 3-5 June 2004 - Project Management course of medical research and pharmaceuticals, organized by the University of Medicine and Pharmacy "Victor Babes" Timisoara, Timisoara, March 24-April 15, 2005; - A XXXV National Conference of the Romanian Society of Immunology, Timisoara, 3-5 June 2005.

Awards and diplomas

- Premiul Universității “Vasile Goldiș” Arad pentru activitatea în domeniul transplantului de măduvă osoasă (2001)
- Ordinul Național “Serviciul Credincios” în grad de Cavaler (2002)
- Membru corespondent al Academiei de Științe Medicale (2003)
- Premiul obținut din partea CNCSIS în cadrul competiției „Premierea rezultatelor cercetării științifice”, pentru publicarea articolului: Paunescu V, Deak E, Herman D, Siska IR, Tanasie G, Bunu C, Anghel S, Tatu CA, Oprea TI, Henschler R, Ruster B, Bistran R, Seifried E. In vitro Differentiation of Human Mesenchymal Stem Cells to Epithelial Lineage, J Cell Mol Med. 2007; 11(3):502-508 (factor impact: 6,555)
- Diploma de excelență a Societății Române de Științe Fiziologice, primită cu ocazia celui de-al X-lea Congres Național de Fiziologie, Cluj-Napoca, iunie (2008)

Membership in professional organizations

- Romanian Society of Physiology
- Romanian Society for Immunology
- Federation of European Physiological Sciences
- European Society for Bone Marrow Transplantation

ANNEXE 1

List of representative publications

List of publications and patents
(selective)

1. **Paunescu V**, Bojin FM, Tatu CA, Gavriluc OI, Rosca A, Gruia AT, Tanasie G, Bunu C, Crisnic D, Gherghiceanu M, Tatu FR, Tatu CS, Vermesan S, Tumor-associated fibroblasts and mesenchymal stem cells: more similarities than differences, *J Cell Mol Med.*, 2011, 15(3):635-646 (factor de impact 5,114)
2. Erika Deak , Stephan Göttig, Brigitte Ruster, **Virgil Paunescu**, Erhard Seifried, Jens Gille, Reinhard Henschler Bone marrow-derived cells in the tumor microenvironment contain cells with primitive hematopoietic phenotype. *Journal of Cellular and Molecular Medicine* Published Online: 18 Sep 2009. Print ISSN: 1582-1838 Online ISSN: 1582-4934 (factor de impact 5,114)
3. Ordodi VL, **Paunescu V**, Mic FA, Optimal Access to the Rat Heart by Transverse Bilateral Thoracotomy with Double Ligature of the Internal Thoracic Arteries, *Journal Of The American Association For Laboratory Animal Science*, 2008; 47 (5): 44-46 (factor impact 0,520)
4. Ordodi VL, **Paunescu V**, Ionac M, Sandesc D, Mic AA, Tatu CA, Mic FA. Artificial Device for Extracorporeal Blood Oxygenation in Rats, *Artif Organs*, 2008; 32(1):66-70 (5) (factor impact: 1,903)
5. **Paunescu V**, Deak E, Herman D, Siska IR, Tanasie G, Bunu C, Anghel S, Tatu CA, Oprea TI, Henschler R, Ruster B, Bistriar R, Seifried E. *In vitro* Differentiation of Human Mesenchymal Stem Cells to Epithelial Lineage, *J Cell Mol Med.* 2007; 11(3):502-508 (factor impact: 6,555)
6. Mic AA, Mic FA, Tatu CA, Ionac M, Ordodi VL, **Paunescu V**, Indomethacin inhibits thymic involution in mice with streptozotocin-induced diabetes, *Comparative Medicine*, 2007, 57: 476-481 (factor impact 0,993)
7. Orem W, Tatu C, Pavlovic N, Bunnell J, Lerch H, **Paunescu V**, Ordodi V, Flores D, Corum M, Bates A, Health effects of toxic organic substances from coal: Toward "panendemic" nephropathy, *Ambio*, 2007, 36(1):98-102 (factor impact 1,433)
8. Hadaruga NG, Hadaruga DI, Rivis A, **Paunescu V**, Costescu C, Lupea AX , Bioactive nanoparticles - Essential oils from Lamiaceae family plants/beta-cyclodextrin - Supramolecular systems, *Revista de chimie*, 2007, 58(10):909-914 (factor impact 2,610)
9. Kemeny L, Koreck A, Kis K, Kenderessy-Szabo A, Bodai L, Cimpean A, **Paunescu V**, Raica M, Ghyczy M. Endogenous Phospholipid Metabolite Containing Topical Product Inhibits Ultraviolet Light-Induced Inflammation and DNA Damage in Human Skin, *Skin Pharmacol Physiol.* 2007 Jan 17, 20(3):155-161 (factor impact: 1,48)
10. Ordodi VL, **Paunescu V**, Mic AA, Gabor L, Ionac M, Toma O, Sandesc D, Mic FA, A pressure-controlled rat ventilator with electronically preset respirations, *Artif Organs.* 2006 Dec; 30(12):965-8 (factor impact: 1,903)
11. Koreck A, Kis K, Szegedi K, **Paunescu V**, Cioaca R, Olariu R, Negru S, Bata-Csorgo Z, Kemeny L, Dobozy A, Szell M., TLR2 and TLR4 polymorphisms are not associated with acne vulgaris, *Dermatology.* 2006, 213(3):267-9 (factor impact: 1,854)
12. Ordodi VL, **Paunescu V**, Mischie S, Ignea A, Toma O, Ionac M, Mic AA, Sandesc D, Mic FA. Improved electrodes for electrical defibrillation of rats, *J Am Assoc Lab Anim Sci.* 2006 Nov, 45(6):54-7 (factor de impact 0,370)
13. Ordodi VL, **Paunescu V**, Mic AA, Ionac M, Sandesc D, Mic FA. A small scale oxygenator for cardiopulmonary bypass in rats, *Int J Artif Organs.* 2006 Aug, 29(8):750-5 (factor impact: 1,253)
14. Ordodi VL, Mic FA, Mic AA, Tanasie G, Ionac M, Sandesc D, **Paunescu V**. Bone marrow aspiration from rats: a minimally invasive procedure, *Lab Anim (NY).* 2006 May, 35(5):41-4 (factor impact: 0,411)

15. Cioca DP, Deak E, Cioca F, **Paunescu V**. Monoclonal antibodies targeted against melanoma and ovarian tumors enhance dendritic cell-mediated cross-presentation of tumor-associated antigens and efficiently cross-prime CD8+ T cells, *J Immunother*. 2006 Jan-Feb, 29(1):41-52 (factor impact: 4,508)
16. Hadaruga NG, Hadaruga DI, **Paunescu V**, Tatu CA, Ordodi VL, Bandur G and Lupea AX. Thermal stability of the linoleic acid/ α - and β -cyclodextrin complexes. *Food Chemistry* 2006, 99(3): 500-508 (factor impact: 2,433)
17. Ordodi VL, Mic FA, Mic AA, Sandesc D, **Paunescu V**. A simple device for intubation of rats, *Lab Anim (NY)*. 2005 Sep, 34(8):37-9 (factor impact: 0,370)
18. Hadaruga NG, Hadaruga DI, Lupea AX, **Paunescu V**, Tatu C, Bioactive nanoparticles - 7. Essential oil from Apiaceae and Pinaceae family plants/ β -cyclodextrin supramolecular system, *Revista de Chimie*, 2005, 56(8):876-882 (factor de impact 2,610)
19. Orem WH, Tatu CA, Lerch III HE, Maharaj SVM, Pavlovic N, **Paunescu V**, Dumitrascu V. Identification and Environmental Significance of the Organic Compounds in Water Supplies associated with a Balkan Endemic Nephropathy Region in Romania. *J. Environ. Health Res*. 2004, 3(2): 53-61 (factor impact: 0,403)
20. **Paunescu V**, Suci E, Tatu C, Plesa A, Herman D, Siska IR, Suci C, Crisnic D, Nistor D, Tanasie G, Bunu C, Raica M. Endothelial cells from hematopoietic stem cells are functionally different from those of human umbilical vein, *J Cell Mol Med* 2003, 7(4):455-60 (factor impact: 1,694)
21. Orem WH, Tatu CA, Feder GL, Finkelman RB, Lerch HE, Maharaj S, Szilagyi D, Dumitrascu V, **Paunescu V**, Margineanu F. Environment, geochemistry, and the etiology of Balkan Endemic Nephropathy: lessons from Romania, *Facta Universitatis, Medicine and Biology* 2003, 9, 39-46
22. Feder GL, Tatu CA, Orem WH, **Paunescu V**, Dumitrascu V, Szilagyi D, Finkelman RB, Margineanu F and Schneider F. Weathered coal deposits and Balkan Endemic Nephropathy. *Facta Universitatis, Medicine and Biology* 2002, 9:34-38
23. Tatu CA, Orem WH, Feder GL, Finkelman RB, Szilagyi DN, Dumitrascu V, Margineanu F, and **Paunescu V**. Additional support for the role of the Pliocene lignite derived organic compounds in the etiology of Balkan endemic nephropathy. *J. Med. Biochem*. 2000, 4:95-101 (factor impact: 4,134)
24. Tatu CA, Orem WH, Feder GL, **Paunescu V**, Dumitrascu V, Szilagyi DN, Finkelman RB, Margineanu F, Schneider F. Balkan endemic nephropathy etiology: a link to the geological environment. *Central European Journal of Occupational and Environmental Medicine* 2000, 6:138-150 – 3 citari
25. Tatu CA, Drugarin D, **Paunescu V**, Stanescu DI, Schneider F., Balkan endemic nephropathy, the haematopoietic system and the environmental connection, *Food Chem Toxicol*. 1998 Mar, 36(3):245-7 (factor impact: 1,416)
26. Tatu CA, **Paunescu V**, Stanescu DI, Schneider F., P-glycoprotein mediated multidrug resistance assessment by flow-cytometry in malignant hemopathies, *Anticancer Res*. 1997 Jul-Aug, 17(4A):2583-6 (7 citari)
27. Drugarin D, Tatu C, Noveanu L, **Paunescu V**, Identification of a novel subset of T lymphocytes in patients with Balkanic Nephropathy. *Autoimmunity* 1996, 23:119-126 (3 citari)
28. Tatu CA, Drugarin D, Stanescu DI, **Paunescu V**., DNA topology and V(D)J recombination: a tentative connection, *Roum Arch Microbiol Immunol*. 1993 Oct-Dec, 52(4):255-60

Representative books

1. **Paunescu V**, Tatu CA, Stanescu DI, Medrea D, *Imunologie: concepte fundamentale si aplicative*, Helicon, Timisoara, Romania, 1996 ISBN: 973-574-182-2
2. **Paunescu V**, Holmberg JC, Tatu CA et al., *Immunology: course for students*, Orizonturi Universitare, Timisoara, Romania, 1999, ISBN: 973-9400-25-6

ANNEXE 2

List of leaded international research projects (project manager):

1. Development of pan-European standards and criteria for the inspection of blood establishments. (EU-Blood-Inspection – EUBIS) – coordonator echipă România, program SANCO, contract nr. 2006202 (2007-2009)
2. European Optimal Blood Use Project. (**EUOBUP**) – coordonator echipă România, program SANCO, contract nr. 2006209 (2007-2009)
3. Implementation of European quality management system network for blood safety (**EU-Q-Blood-SOP**)– coordonator echipă România, program SANCO, contract nr. 2004217 (2005-2007)
4. Adult mesenchymal stem cells engineering for connective tissue disorders. From the bench to the bed side (**GENOSTEM**) - coordonator echipă România, program FP 6 – Health (Prioritatea 1), contract nr. LSHB-CT-2003-506161 (2004-2007)
5. Postgradual training in cellular therapies, coordonator echipă România, program Leonardo da Vinci, contract nr. RO/2003/PL91030 (2004)
6. European Quality Management System Network for Blood Safety (**EU-QMS-BLOODNET**) - coordonator echipă România, program SANCO (2003-2006)

List of leaded national research projects (project manager):

1. Studii privind diferențierea *in vitro* a celulelor stem mezenchimale spre linia adipocitară și validarea factorilor moleculari implicați în adipogeneză, program PNCDI II – IDEI, contract nr. 1748/2008 (2008-2011)
2. Ingineria genetică a celulelor stem tumorale în perspectiva modulării răspunsului imun în cancere de origine non-virală (**ONCOSTEM**), program PNCDI II – Parteneriate, contract nr. 41-019/2007 (2008-2010)
3. Terapia cu celule stem pentru regenerare și reconstrucție vasculară (**ANGIOSTEM**), program CEEEX - VIASAN, contract nr. 44/2005 (2005-2008)
4. Dezvoltarea de terapii inovative în reconstrucția osteoarticulară (**CELLART**), program CEEEX - VIASAN, contract nr. 45/2005 (2005-2008)
5. Nanocontrol și multifuncționalitate în materiale, microstraturi și arhitecturi cu memorie a formei, program CEEEX - MATNANTECH, contract nr. 7/2005 (2005-2008)
6. Rolul potențial al unor compuși toxici derivați din cărbune în etiologia nefropatiei endemice balcanice și a altor boli, program CEEEX - PD, contract nr. 3167/2005 (2005-2007)
7. Celulele stem hematopoietice umane - sursă de celule endoteliale pentru endotelizarea stenturilor, program CNCISIS – tip A, contract nr. 1194/2004 (2004-2005)
8. Dezvoltarea de terapii celulare în diabetul zaharat (**BETASTEM**), program VIASAN, contract nr. 314/2004 (2004-2006)
9. Ținte moleculare în terapia antitumorală modernă, program VIASAN, contract nr. 481/2004 (2004-2006)
10. Prelucrarea de celule stem mezenchimale în vederea terapiei bolilor țesutului conjunctiv. De la experiment la clinică, program EU-RO CORINT, contract nr. 60/2004 (2004-2006)
11. Dezvoltarea de tehnici de bioinginerie tisulară pentru reconstrucția osteoarticulară și miocardică, program MATNANTECH, 162(303)-2003 (2003-2005)

Research team member in international projects

1. Regenerating Bone defects using New biomedical Engineering approaches (**REBORNE**), program FP7, contract nr. 241879 (2009-2012)
2. Cultivated Adult Stem Cells as Alternative for Damaged tissue (**CASCADE**), program FP7, contract nr. FP7-223236 (2008-2011)
3. European Quality System for Tissue Banking, program SANCO, contract nr. 2003209 (2004-2007))

Research team member in
national projects

1. Programul postMDal interdisciplinar "Biotehnologii celulare și moleculare cu aplicații în medicină, program POS-DRU, contract nr. ID 60746 (2010-2012)
2. Optimizarea metodelor de prevenție pentru eficientizarea managementului pacientului alergic (**PREVALERG**), program PN II – Parteneriate, contract nr. 41-011/2007 (2007-2010)
3. Metode novatoare de inducere a imunotoleranței față de fenotipuri *non-self* în vederea evitării rejetelor post-transplant (**GREFACCEPT**), program CEEX-PCD, contract nr. 194-CEEX/PCD (2006-2008)
4. Cercetări privind izolarea, cultivarea și inducerea diferențierii *in vitro* a celulelor stem pluripotente din urechea internă, program CEEX-ET, contract nr. 80-CEEX/PCD (2006-2008)
5. Dezvoltarea de tehnici inovative de bioortopedie (**BIOART**), program CEEX-VIASAN, contract nr. 70/2006 (2006-2008)
6. Promovarea activității de cercetare în domeniul terapiilor cu celule stem (**PRO-CELL-TERA**), program CEEX Modulul III, contract nr. 206/2006 (2006-2008)
7. Studii experimentale asupra celulelor stem mezenchimale umane transfectate în scopul dezvoltării unei strategii terapeutice inovative a glioblastomului (**GLIOSTEMCELL**), program CEEX Modulul I, contract nr. 176/2006 (2006-2008)
8. Celulele dendritice ca și vectori imunoterapeutici: modularea activității lor de către strategiile de încărcare antigenică, lungimea telomerelor și activitatea telomerasei, program CEEX-RP, contract nr. 3214/CEEX-RP (2005-2007)
9. **RONANOMED** - rețeaua națională integrată de nanomedicină, program CEEX – MATNANTECH, contract nr. 42/2005 (2005-2007)
10. Dezvoltarea unei bănci regionale de celule stem din sânge din cordon ombilical și placentă în vederea realizării transplantului autolog și alogen (**STEMBANK**), program VIASAN, contract nr. 308/2004 (2004-2006)
11. Dezvoltarea de tehnici de bioinginerie tisulară pentru reconstrucția miocardică (**CARDIOSTEM**), program VIASAN, contract nr. 311/2004 (2004-2006)
12. Evaluarea factorilor de risc cardiovascular la tineri. Modele de bune practici în educația pentru sănătate, program VIASAN, contract nr. 464/2004 (2004-2006)
13. Dezvoltarea de biotehnologii pentru realizarea unor vaccinuri cu celule dendritice în imunoterapia tumorilor solide (**DENDRITECH**), program BIOTECH, contract nr. 4610/2004 (2004-2006)
14. Dezvoltarea unor tehnici medicale neconvenționale pentru optimizarea cultivării de țesuturi vii obținute prin bioinginerie tisulară, program VIASAN, contract nr. 313/2004 (2004-2006)
15. Microsenzori și actuatori pentru sisteme optoelectromecanice obținuți prin nanoingineria aliajelor cu memorie a formei, program MATNANTECH, contract nr. 255(408)/2004 (2004-2006)
16. Evaluarea eficienței terapiei cu noi clase de antileucotriene. Studii experimentale și clinice, program CNCSIS – tip A, contract nr. 1190-2004 (2004-2005)