

*Permanent Mission of Romania
to the Office of the United Nations
and the International Organizations
in Switzerland*



*Mission Permanente de la Roumanie
auprès de l'Office des Nations Unies
et les Organisations Internationales
en Suisse*

No. 1572

The Permanent Mission of Romania to the Office of the United Nations and other International Organizations in Switzerland presents its compliments to the UNOG - Office for Disarmament Affairs, BWC Implementation Support Unit, and has the honour to present hereby enclosed the **2007 Annual Information Exchange on Confidence-building Measures ("CBMs")**, in order to improve international co-operation in the field of peaceful biological activities.

The Permanent Mission of Romania to the Office of the United Nations and other International Organizations in Switzerland avails itself of this opportunity to renew to UNOG - Office for Disarmament Affairs, BWC Implementation Support Unit, the assurances of its highest consideration.



Geneva, 28 July 2008

**UNITED NATIONS OFFICE GENEVA
OFFICE FOR DISARMAMENT AFFAIRS
BWC Implementation Support Unit**
- in town -

6 Chemin de la Perrière, 1223 Coligny - Genève
Tél: +41 (0)22. 752.10.90 Fax: + 41 (0)22. 752.29.76
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0041227522976

CONFIDENCE BUILDING MEASURE A (Part I)

Form A, part 1Exchange of data on research centers and laboratories¹

1. Name (s) of facility² **Laboratory of Microbiology and Epidemiology**
2. Responsible public or private **Army Center of Medical Research (Ministry of Defence)**
organization or company
3. Location and postal address **Romania, Bucharest, sector 2, street C.A. Rosetti**
no.37
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly
financed by the Ministry of Defense
20% financed by the Ministry of Defence
80% financed by the Ministry of Education and Research
5. Number of maximum containment units³ within the research center and/or laboratory, with an
indication of their respective size (m2)
—
6. If no maximum containment unit, indicate highest level of protection
BSL 2
7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as
appropriate
Medical protection against BWA (Bacillus, Arboviruses, Mycotoxins)

¹The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.

²For facilities with maximum containment units participating in the national biological defense research and development program, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (ii)".

³In accordance with the 1993 WHO Laboratory Biosafety Manual, or equivalent

**DECLARATION FORM ON NOTHING TO DECLARE OR NOTHING NEW TO DECLARE
FOR USE IN THE INFORMATION EXCHANGE**

Measure	Nothing to declare	Nothing new to declare
A, part 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A, part 2 (i)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A, part 2 (ii)	<input type="checkbox"/>	<input type="checkbox"/>
A, part 2 (iii)	<input type="checkbox"/>	<input type="checkbox"/>
B (i)	<input type="checkbox"/>	<input type="checkbox"/>
B (ii)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C	<input type="checkbox"/>	<input type="checkbox"/>
D	<input type="checkbox"/>	<input type="checkbox"/>
E	<input type="checkbox"/>	<input type="checkbox"/>
F	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G	<input type="checkbox"/>	<input type="checkbox"/>

(Please mark the appropriate box(es) for each measure, with a tick.)

Date: _____ **July 2008** _____

State Party to the Convention: _____ **ROMANIA** _____

CONFIDENCE BUILDING MEASURE A (Part I)

Form A, part 1

Exchange of data on research centers and laboratories¹

1. Name (s) of facility² **Laboratory of Microbiology and Epidemiology**
2. Responsible public or private organization or company **Army Center of Medical Research (Ministry of Defence)**
3. Location and postal address **Romania, Bucharest, sector 2, street C.A. Rosetti no.37**

4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defense

**20% financed by the Ministry of Defence
80% financed by the Ministry of Education and Research**

5. Number of maximum containment units³ within the research center and/or laboratory, with an indication of their respective size (m²)

One (52mp)

6. If no maximum containment unit, indicate highest level of protection

BSL 2

7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate

Medical protection against BWA (Bacillus, Arboviruses, Mycotoxins)

¹The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.

² For facilities with maximum containment units participating in the national biological defense research and development program, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (iii)".

³ In accordance with the 1993 WHO Laboratory Biosafety Manual, or equivalent

National biological defense research and development program Declaration

Is there a national program to conduct biological defense research and development within the territory of the State Party, under its jurisdiction or control anywhere? Activities of such a program would include prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxicology, physical protection, decontamination and other related research.

No

If the answer is Yes, complete Form A, part 2 (ii) which will provide a description of the program.

National biological defence research and development programme

Description

1. State the objectives and funding of the programme and summarize the principal research and development activities conducted in the programme. Areas to be addressed shall include: prophylaxis*, studies on pathogenicity and virulence, diagnostic techniques*, aerobiology, detection*, treatment*, toxinology*, physical protection, decontamination* and other related research.

***yes**

2. State the total funding for the programme and its source.

Ministry of Defence

3. Are aspects of this programme conducted under contract with industry, academic institutions, or in other non-defence facilities?

YES

4. If yes, what proportion of the total funds for the programme is expended in these contracted or other facilities?

80%

5. Summarize the objectives and research areas of the programme performed by contractors and in other facilities with the funds identified under paragraph 4.

Treatment, Decontamination

6. Provide a diagram of the organizational structure of the programme and the reporting relationships (include individual facilities participating in the programme).

7. Provide a declaration in accordance with Form A, part 2 (iii) for each facility, both governmental and non-governmental, which has a substantial proportion of its resources devoted to the national biological defence research and development programme, within the territory of the reporting State, or under its jurisdiction or control anywhere.

National biological defense research and development program

Facilities

Complete a form for each facility declared in accordance with paragraph 7 in Form A, part 2 (ii).

In shared facilities, provide the following information for the biological defense research and development portion only.

1. What is the name of the facility?

Laboratory of Microbiology and Epidemiology

2. Where is it located (include both address and geographical location)?

Romania, Bucharest, sect.2, street C.A. Rosetti no.37

3. Floor area of laboratory areas by containment level:

BL2 _____ **52(sqM)**

BL3 _____ **0 (sqM)**

BL4 _____ **0 (sqM)**

Total laboratory floor area _____ **520 (sqM)**

4. The organizational structure of each facility.

(i) Total number of personnel **15**

(ii) Division of personnel:

Military **3**

Civilian **12**

(iii) Division of personnel by category:

Scientists **6**

Engineers **0**

Technicians **5**

Administration and support staff **4**

(iv) List the scientific disciplines represented in the scientific/ engineering staff.

Medicine, biology, veterinary

(v) Is contractor staff working in the facility? If so, provide an approximate number.

NO

(vi) What is (are) the source(s) of funding for the work conducted in the facility, including indication if activity is wholly or partly financed by the Ministry of Defense?

Partly

(vii) What is the funding levels for the following program areas:

Research	yes
Development	no
Test and evaluation	no

(viii) Briefly describe the publication policy of the facility:

Confidential

(ix) Provide a list of publicly available papers and reports resulting from the work during the previous 12 months. (To include authors titles and full references.)

POPESCU, D.M., IONESCU, L.E., BICHERU, S., ALEXSE, A., NECSULESCU, M., ORDEANU, V., NICOLAE, C., "Research of molecular biology for the diagnosis of some viral and bacterial biological agents / biological weapons" STRATEGIC IMPACT no. 2/2006.

5. Briefly describe the biological defense work carried out at the facility, including type(s) of microorganisms⁴ and/or toxins studied, as well as outdoor studies of biological aerosols.

NO

⁴ Including viruses and prions

Exchange of data on research centers and laboratories¹

1. Name (s) of facility² Laboratory for the Control of Biological Products
2. Responsible public or private organization or company Institute for Control of Veterinary Biological Products and Medicines
3. Location and postal address 37, Dudului Street, sector 6, Bucharest, Romania
Zip Code: 060603
Phone: +40 21 22021 12
Fax: +40 21 221 31 71
E-mail: icbm@icbm.ro; www.icbrny.ro

4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the **National Sanitary Veterinary and Food Safety Authority**

Wholly

5. Number of maximum containment units³ within the research center and/or laboratory, with an indication of their respective size (m²)

0

6. If no maximum containment unit, indicate highest level of protection

BL_1 (166m²)

7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate

Bacteriological Control of master seed, working seed and pathogenic strain of B. Anthracis

¹The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.

² For facilities with maximum containment units participating in the national biological defense research and development program, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (iii)".

³ In accordance with the 1993 WHO Laboratory Biosafety Manual, or equivalent

Form A, part 2 (i)

National biological defense research and development program Declaration

Is there a national program to conduct biological defense research and development within the territory of the State Party, under its jurisdiction or control anywhere? Activities of such a program would include prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxicology, physical protection, decontamination and other related research.

No

If the answer is Yes, complete Form A, part 2 (ii) which will provide a description of the program.

National biological defence research and development programme

Description

1. State the objectives and funding of the programme and summarize the principal research and development activities conducted in the programme. Areas to be addressed shall include: prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxinology, physical protection, decontamination and other related research.

YES

2. State the total funding for the programme and its source.

National Sanitary Veterinary and Food Safety Authority

3. Are aspects of this programme conducted under contract with industry, academic institutions, or in other non-defence facilities?

NO

4. If yes, what proportion of the total funds for the programme is expended in these contracted or other facilities?

5. Summarize the objectives and research areas of the programme performed by contractors and in other facilities with the funds identified under paragraph 4.

6. Provide a diagram of the organizational structure of the programme and the reporting relationships (include individual facilities participating in the programme).

7. Provide a declaration in accordance with Form A, part 2 (iii) for each facility, both governmental and non-governmental, which has a substantial proportion of its resources devoted to the national biological defence research and development programme, within the territory of the reporting State, or under its jurisdiction or control anywhere.

- | | | |
|--------|---|---|
| (iv) | List the scientific disciplines represented in the scientific/engineering staff. | Veterinary Medicine
Veterinary Medicine
Products |
| (v) | Are contractor staff working in the facility? If so, provide an approximate number | NO |
| (vi) | What is (are) the source(s) of funding for the work conducted in the facility, including indication if activity is wholly or partly financed by the National Sanitary Veterinary and Food Safety Authority? | Wholly |
| (vii) | What is the funding levels for the following program areas: | |
| | Research | YES |
| | Development | YES |
| | Test and evaluation | YES |
| (viii) | Briefly describe the publication policy of the facility: | Confidential |
| (ix) | Provide a list of publicly available papers and reports resulting from the work during the previous 12 months (To include authors titles and full references.) | NO |

5. Briefly describe the biological defense work carried out at the facility, including type(s) of microorganisms¹ and/or toxins studied, as well as outdoor studies of biological aerosols.

NO

¹Including viruses and prions

Exchange of data on research centers and laboratories¹

1. Name (s) of facility² **High Containment Unit Level 3**
2. Responsible public or private organization or company **Institute for Diagnosis and Animal Health**
- 3 Location and postal address

63, Staicovici Street, sector 5, Bucharest, Romania
Phone: +40 21 410 1405; +40 21 410 1390; +40 21 4121299
Fax: +40 21 411 3393
E-mail: office@idah.ro
Web page: www.idah.ro

4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the **National Sanitary Veterinary and Food Safety Authority (NSVFSA)**

NSVFSA Fund

PHARE Programme

5. Number of maximum containment units³ within the research center and/or laboratory, with an indication of their respective size (m²)

1

6. If no maximum containment unit, indicate highest level of protection

A high containment unit of level 3 of protection. with area of 250 m², In the frame of majore virus laboratory

7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate

Tests of viral biology that involves the manipulation of ljve viruses, respectively the isolation and identification of virus, neutralization tests. test of antigen detection for high phatogenicy

viruses, animal and zoonotic bacterial detection isolation and characterization including toxins detection and bacterial genome manipulation.

¹ The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.

² For facilities with maximum containment units participating in the national biological defense research and development program, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (iii)".

³ In accordance with the 1993 WHO Laboratory Biosafety Manual, or equivalent

National biological defense research and development program Declaration

Is there a national program to conduct biological defense research and development within the territory of the State Party, under its jurisdiction or control anywhere? Activities of such a program would include prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxicology, physical protection, decontamination and other related research.

No

If the answer is Yes, complete Form A, part 2 (ii) which will provide a description of the program.

National biological defence research and development programme

Description

1. State the objectives and funding of the programme and summarize the principal research and development activities conducted in the programme. Areas to be addressed shall include: prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxinology, physical protection, decontamination and other related research.

YES

2. State the total funding for the programme and its source.

National Sanitary Veterinary and Food Safety Authority

PHARE Programme

3. Are aspects of this programme conducted under contract with industry, academic institutions, or in other non-defence facilities?

NO

4. If yes, what proportion of the total funds for the programme is expended in these contracted or other facilities?

5. Summarize the objectives and research areas of the programme performed by contractors and in other facilities with the funds identified under paragraph 4.

6. Provide a diagram of the organizational structure of the programme and the reporting relationships (include individual facilities participating in the programme).

7. Provide a declaration in accordance with Form A, part 2 (iii) for each facility, both governmental and non-governmental, which has a substantial proportion of its resources devoted to the national biological defence research and development programme, within the territory of the reporting State, or under its jurisdiction or control anywhere.

National biological defense research and development program

Facilities

Complete a form for each facility declared in accordance with paragraph 7 in Form A, part 2 (ii).

In shared facilities, provide the following information for the biological defense research and development portion only.

1. What is the name of the facility?

Institute for Diagnosis and Animal Health

2. Where is it located (include both address and geographical location)?

63. Staicovici Street, sector 5, Bucharest, Romania

Phone: +40 21 410 14 05; +40 21 410 13 90; +40 21 412 12 99

Fax: +40 21 411 3393

E-mail: office@idah.ro; Web page: www.idah.ro

3. Floor area of laboratory areas by containment level:

BL1	_____	0 m ²
BL2	_____	0m ²
BL3	_____	250m ²
BL4	_____	0m ²

Total laboratory floor area

4362m²

4. The organizational structure of each facility.

(i)	Total number of personnel	183
(ii)	Division of personnel:	
	Military	
	Civilian	183
(iii)	Division of personnel by category:	
	Scientists - Veterinarians	100
	- Chemists	4
	- Biologists	3
	Engineers	1
	Technicians	26
	Administration and support staff	49

(iv) List the scientific disciplines represented in the scientific/engineering staff.

**Veterinary Medicine
Surveillance, diagnosis and research on
transmissible diseases in animals and zoonoses**

(v) Are contractor staff working in the facility? If so, provide an approximate number.

NO

(vi) What is (are) the source(s) of funding for the work conducted in the facility, including indication if activity is wholly or partly financed by the National Sanitary Veterinary and Food Safety Authority?

**NSVFSA
PHARE Programme**

(vii) What is the funding levels for the following program areas:

Research

YES

Development

YES

Test and evaluation

YES

(viii) Briefly describe the publication policy of the facility:

Confidential

(ix) Provide a list of publicly available papers and reports resulting from the work during the previous 12 months. (To include authors titles and full references.)

NO

5. Briefly describe the biological defense work carried out at the facility, including type(s) of microorganisms¹ and/or toxins studied, as well as outdoor studies of biological aerosols.

NO

¹Including viruses and prions

CONFIDENCE BUILDING MEASURE A (Part I)

Form A, part 1

Exchange of data on research centers and laboratories¹

1. Name (s) of facility² **Research Department**
2. Responsible public or private **National Society Pasteur Institute S.A.**
organization or company
3. Location and postal address **333, Giulesti Street, sector 6, zip code 060269, Bucharest,
Romania**
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly
financed by the Ministry of Defense

Financed by the Ministry of Education and Research and Pasteur Institute

5. Number of maximum containment units³ within the research center and/or laboratory, with an indication
of their respective size (m²)

0

6. If no maximum containment unit, indicate highest level of protection

BL 2

7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as
appropriate

**Research regarding to epidemiology, pathogenicity and immunogenicity of animal viruses
(porcine circovirus type 2, porcine respiratory and reproductive syndrome virus, swine influenza),
animal bacteria (Rnterococcus spp), Toxoplasma, Echinococcus and Trichinella spp.**

¹The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.

² For facilities with maximum containment units participating in the national biological defense research and development program, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (iii)".

³ In accordance with the 1993 WHO Laboratory Biosafety Manual, or equivalent

**Background information on outbreaks of reportable
infectious diseases**

Disease	Number of cases per year				
					2007
Bacteria Ring Rot (Clavi Bactermichiganensis SSP. Sepedonicus)					99 ¹
Acute diarrhoeal diseases*					69,011
Bacillary dysentery*					735
Cerebrospinal meningitis*					145
Erysipelas*					1,497
Food poisoning*					2,348
Leptospirosis*					316
Measles*					350
Parotiditis*					5,296
Rubella*					2,958
Streptococcal angina*					14,728
Scarlet fever*					3,577
Tetanus*					12
Varicella*					70,410
Viral hepatitis*					6,854
Whooping cough*					35

¹ Information supplied by the Central Laboratory for Fitosanitary Quarantine

* No unusual outbreak of infectious diseases recorded in Romania during 2007

CONFIDENCE-BUILDING MEASURE "C":

Encouragement of publication of results and promotion of use of knowledge

Part I

1. **Virgilia Popa, Irina Nica, C.Stoica, Irina Codita, Vasilica Ungureanu, Monica Ghita, N. Catana, Daniela Botus, Corina Roman, F. Pastrama, G. Rapuntean 2007**, Characterization of Enterococcus faecium strains by studying the genetic polymorphism of the VNTR loci, Romanian Revue of Veterinary Medicine 17(4): 129-136
2. **Pirvulescu M, Virgilia Popa, M.Caplan, C. Stoica, P. Spring**, Impact of supplementing broiler diets with mannan oligosaccharide on campylobacter contamination of the gastro-intestinal tract and carcass, Journal of Animal Physiology and Animal Nutrition (*in press*)
3. **Ana Cismileanu, Virgilia Popa, C. Stoica, I. Sorescu 2007**, Characterization of some Actinobacillus pleuropneumoniae by ELISA, Western Blott and PCR concerning the emphasizing of the genes for haemolysins, Romanian Revue of Veterinary Medicine 17(1): 103-114, ISSN:1220-3173
4. **Luminita Costinar, Virgilia Popa, Corina Pascu 2007**, Genotypic differentiation of bacterial strains isolates from oral cavity from dogs with periodontal disease by RAPD (random amplification of polymorphic DNA) Scientifical Papers Veterinary Medicine, USAMV Timisoara, vol. XXXX, ISSN:1221-5295
5. **Virgilia Popa, Daniela Botus, Ramona Mihailescu, Ana Cismileanu, Ileana Bem, Georgeta Voicu, Victorita Burghilea, D. Militaru, N.Catana, V.Herman 2007**, ELISA for the detection of the antibodies against Erysipelothrix rhusiopathiae in swine, Proceedings of the International Conference "Research people and actual tasks on multidisciplinary sciences" Lozenec Bulgary, vol.1, p. 205-208, ISBN 978-954-91147-3-7
6. **L. Ciupescu, D. Militaru, C. Stirbu, M. Gruia, Beatrice Stirbu, Veronica Ciupescu 2007**: Protective value of an inactivated rabies vaccine tested by virus neutralization with fluorescent antibodies, Romanian Revue of Veterinary Medicine (CABI Publishing, CNCSIS B239) 17(1): 145-152, ISSN:1220-3173;
7. **Botuş D, Oncescu T., 2007**, Evaluation of kinetic and thermodynamic parameters for antigen-antibody interactions by ELISA technique, Revue of Chemistry, 58(3):323-327 (ISI, CNCSIS A471) (ISSN 0034-7752);
8. **Silvia Antoniu, Beatrice Ştirbu-Teofanescu, D. Militaru 2007**, The paraclinical diagnosis of toxoplasmosis in cats, Romanian Revue of Parasitology, vol. XVII, no. 1, 15-18, ISSN 1221-1796;
9. **Samarineanu M., Ana Cişmileanu, Rodica Medeanu, Viviana Ciucă 2007**. ELISA –Kit for diagnosis of sheep and goat paratuberculosis. Scientifical Papers Veterinary Medicine, USAMVB Timișoara, vol. XL (ISSN 1221 – 5295);
10. **Beatrice Ştirbu-Teofănescu, D. Militaru, Manuella Militaru, Emilia Ciobotaru, C. Ciocoi 2007**, IgG antibodies against Toxoplasma gondii cuantification in pig sera, Romanian Revue of Parasitology, vol. XVII, nr. 1, 27-32, ISSN 1221-1796;
11. **Dinescu Georgeta, Emilia Ciobotaru, Manuella Militaru, Dumitru Militaru, Beatrice Stirbu-Teofanescu, Mara Nicolaescu 2007**, Role of cytological investigation in identification of hepatopathies and infection with Toxoplasma gondii in abattoir slaughtered swine, Proceedings of the 25th Annual Meeting of European Society of Veterinary Pathology, Munich, Germany, 29 August-1 September 2007, 79;
12. **Beatrice Stirbu-Teofanescu, D. Militaru, A. Popovici, D. Stanuica, L. Ciupescu, Ioana Diaconu 2007**, The detection of classical swine fever porcine virus (PPC) by immunofluorescence and immunoperoxidase assays, Xth National Congress of Veterinary Medicine, 18-21 September 2007, Poiana Brasov, Romania, 53-54;

13. **Beatrice Stirbu-Teofanescu, D. Militaru, A. Popovici, L. Ciupescu, Ioana Diaconu 2007**, The detection of porcine respiratory and reproductive syndrome virus (PRRS) by immunofluorescence and immunohistochemical tests, Xth National Congress of Veterinary Medicine, 18-21 September 2007, Poiana Brasov, Romania, 52-53;

14. **D. Militaru, Beatrice Stirbu, Manuella Militaru, Ioana Diaconu 2007**, Diagnosis and therapy in echinococcosis / hydatidosis in animals, Xth National Congress of Veterinary Medicine, 18-21 September 2007, Poiana Brasov, Romania, 15-16;

15. **Catană N., Virgilia Popa, V. Herman, Ionica Fodor 2007**, Epidemiological researches in an endemic PRRS focal point, Simpoziu "Veterinary medicine, animal husbandry and economy in the healthy and food safety production" University of Novi Sad, Proceedings abstracts, p.48;

16. **Ramona Mihăilescu, Daniela Botuş, Virgilia Popa 2007**, Evaluating the immune response against egg drop syndrome (EDS) and infectious laryngotracheitis virus (ILT) by enzyme linked immunosorbent assay, Proceedings of the International Conference "Research people and actual tasks on multidisciplinary sciences", Lozenec, Bulgaria, vol.1, ISBN 978-954-91147-3-7

Part II

INTERNATIONAL COOPERATION IN SCIENTIFIC RESEARCH

The number and the value of the international research projects financed from public funds

Project Title	Value (in Euro)
POI-RAL 84/01 – EASTBTNET (2004 – 2005)	84,490
POI-RAL BTNET2 (2007 – 2008)	15,000
FLULABNET (2007- 2009)	5,000
Total Value	104,490

The number and the value of the national research projects financed from public funds

Project Title	ContractNo	Contract Value (in LEI)	Allocation per Year			
			First Year	Second Year	Third Year	Fourth Year
National Programmes CEE X	3	Total				
EVIRNET 2006-2008	86/2006	500,000	59,000	59,000	301,000	
ROVETNILE 2006-2008	105/2006	195,000	15,000	130,000	50,000	
EVAGRIP 2006-2008	160/2006	350,000	32,000	258,000	60,000	
NEOPREN 2006-2008	147/2006	108,000	12,000	22,000	74,000	
National Programme CNMP	1		0			
LEUCOM 2007-2010	51-066/2007	500,000	30,000	190,000	170,000	110,000
Total Value	4	1,653,000				

CONFIDENCE-BUILDING MEASURE "C":

Published papers

Molecular analysis of the first avian influenza H5N1 isolates from fowl in Romania. G Oprisan, H Coste, E. Lupulescu, AM Oprisoreanu, C Szmal, I Onita, N Popovici, LE Ionescu, S Bicheru, N Enache, C Ceianu, F Czobor, E Olaru, V Alexandrescu, DL Radu, A Onu and MI Popa. 2006. *Romanian Archives of Microbiology and Immunology*, 65, no 3-4, 79-82.

Oral communications

Antimicrobial resistance in strains isolated in 2005 by Romanian National Sentinel System for Nosocomial Infections Surveillance Codita, M. Oprea, A.M. Petrescu, D. Tatu-Chitoiu, V. Ungureanu, M. Ghita, D. Lemeni, R. Oancea, D. Brehar-Ciofleac, A. Romaniuc (Bucharest, Timisoara, Iasi, RO) - - 17th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) & 25th International Congress of Chemotherapy (ICC), Munchen, 31.03. - 03.04.2007

Study of the resistant *Streptococcus pneumoniae* isolated in Romania between January 2001 – June 2007 M. Pana, M. Ghita, I. Nistor, R. Papagheorghie, N. Popescu, M. Nica, S. Botea, O. Dorobat, V. Ungureanu — 3rd Conference on New Frontiers in Microbiology and Infection – *Streptococcus pneumoniae*, Villars-sur-Ollon, Elvetia, 7-11 oct. 2007

Influence of soluble signal molecules on bacterial growth and virulence in *Vibrio* strains, Cristina Larion, Anca-Michaela Israil, Carmen Chifiriuc, Carmen Iordache, Olguta Dracea, Roxana Lupou, Lidia Cremer. Poster prezentat la: The second Conference on the biology of Vibrios 28 Nov.-1 Dec. 2007, la Institutul Pasteur Paris si publicat in Abstract Book(Livre de resumes) P82/pag.120.

Effect of different environmental parameters upon the expression of virulence in halophilic and nonhalophilic vibrios. Anca Israil, Cristina Larion, Carmen Chifiriuc, Carmen Iordache, Olguta Dracea, Roxana Lupu, Lidia Cremer. Poster prezentat la; The second Conference on the Biology of Vibrios. 28 Nov.—1 dec. 2007, la Institutul Pasteur Paris si publicat in Abstract Book(livre de resumes) P81/ pag.119

West Nile Virus: a Decade (1997-2006) of Laboratory Based Surveillance in Romania. - C.S. Ceianu, R. Serban, A. Ungureanu Alexse, G. Nicolescu, F. Popovici, D. Pitigoi, D. Popescu, R.I. Panculescu, C. Cernescu, G. Tardei, L. Ionescu, N.I. Nedelcu- International Meeting on Emerging Diseases and Surveillance Viena, 2007

Antimicrobial resistance of *S. aureus* strains isolated in 2005 from nosocomial infections in Romania - Dragomirescu, C., Codita, I., Oprea, M. and partners from Arad, Bucuresti, Craiova, Galati, Iasi, Sibiu, Timisoara and Suceava - ECCMID 30 martie- 03 aprilie 2007- Munchen

Studies on West Nile virus circulation in Romania (2001 – 2006). Nicolescu G., Purcarea-Ciulacu V., Popescu D., Dumitrescu G., Vladimirescu A., Prioteasa L., Coipan E.C., Ionescu L., Kiss J.B., Marinov M., Alexse A. 2007 *The 4th European Meeting on Viral Zoonoses*, 2nd – 5th June 2007, St. Andrews, Scotland, UK, 16

Investigation of West Nile virus circulation in Romania. Nicolescu G., V. Purcarea-Ciulacu, D. Popescu, G. Dumitrescu, A. Vladimirescu, L. Prioteasa, E.C. Coipan, L. Ionescu, A. Alexse. 2007 *The Second International Conference of Economic Entomology*, Cairo, December 2007, 119

Results of the investigations of mosquito fauna in Danube Delta in 2006. Prioteasa F. 2007. *EDEN Annual Meeting*, January 2007, Antalya

Isolation and purification of Quorum-Sensing autoinductors used in regulation of multiplication rate in *Vibrionaceae* culture media. Mihaela C. Gheorghie, Roxana E. Pispiris, Cristina Larion, Carmen Iordache, Olguta

Dracea, Mariana Licsandru, Adrian Cotro, Carmen M. Balotescu, Anca M. Israil 31st International Symposium on HPLC and Related Techniques, June, 2007

Influence of soluble signal molecules on bacterial growth and virulence in Vibrio strains Cristina Larion, Anca Michaela Israil, Carmen Chifiriuc, Carmen Iordache, **Olguta Dracea**, Andreea Roxana Lupu, Lidia Cremer. National Institute for Research and Development in Microbiology and Immunology Cantacuzino Conferinta Internationala Vibrio 2007, Nov. 27-1.Dec., Institutul Pasteur ,Paris

Part II
INTERNATIONAL COOPERATION IN SCIENTIFIC RESEARCH

Project manager ("Cantacuzino") NIRDMI	Project	Year	Cooperation
DR GABRIELA NICOLESCU	Emerging Diseases in an Changing European Environment	2004-2009	EDEN
DR ANDA BAICUS	CO-Circulation interactions et evolution des enterovirus C et des poliovirus dans les pays du reseau international des Instituts Pasteur	2008-2009	ACIP
DR DOREL RADU	Development of a novel immunoassay for the very early detection of bacterial infection	2007-2010	NATO
DR ADIAN ONU	Combating flu in a combined action between the industry and the public sector in order to secure adequate and fast intervention in Europe	2006-2008	FP 6 FLUSECURE
DR EMILIA LUPULESCU	Resistance of Influenza Viruses in Environmental Reservoirs and Systems	2007-2010	RIVERS
DR VIOREL ALEXANDRESCU	Capacity building for the control Avian influenza through technology transfer and training	2007-2009	CONFLUTECH
DR PERSU/DR OPRISAN	Circulation des poliovirus et enterovirus non polio dans l'environnement	2005-2007	ACIP 79
DR NADIA BUCURENCI	An emergency diagnosis for bloody diarrhea	2005-2007	PTR 179
DR. PERSU ANA.	Natural Genetic Recombination Between Circulating Enteroviruses - Romania - Grecia, Joint Research and Technology Programmes	2005-2007	PI Greece

Active promotion of contacts**Planned international conferences, symposia, seminars, and other similar forums for exchange**

For each such event, the following information should be provided:

- name of the conference, etc.: **17th European Congress of Clinical Microbiology and Infectious Diseases and 25th International Congress of Chemotherapy**
- arranging organization(s), etc.: **ESCMID and ISC**
- time **31 March - 3 April 2007**
- place **Munich/Germany,**
- main subject(s) for the conference, etc **see <http://www.eccmid-icc.org/>**
- conditions for participation **- idem**
- point of contact for further information, registration, etc. **e-mail: info@akm.ch**

- name of the conference, etc.: **International Meeting on Emerging Diseases and Surveillance (IMED 2007)**
- arranging organization(s), etc.: **International Society for Infectious Diseases**
- time **23-25 February 2007**
- place **Vienna, Austria**
- main subject(s) for the conference, etc **see <http://imed.isid.org/IMED2007/>**
- conditions for participation **- idem**
- point of contact for further information, registration, etc. **e-mail: info@isid.org**

- name of the conference, etc.: **ERS Annual Congress 2007**
- arranging organization(s), etc. **European Respiratory Society**
- time **15-19 September 2007**
- place **Stockholm, Sweden**
- main subject(s) for the conference, etc **see <http://www.ersnet.org/ers/> conditions for participation - idem**
- point of contact for further information, registration, etc. **e-mail: info@ersnet.org**

- name of the conference, etc.: **13th International Congress of Immunology**
- arranging organization(s), etc.
- time **21- 25 August 2007**
- place **Rio de Janeiro, Brazil**
- main subject(s) for the conference, etc: **Immunological memory; Imaging the immune system; Immune receptors; Immune regulation**
- conditions for participation **-**
- point of contact for further information, registration, etc. **e-mail: info@ersnet.org**

Form E

Declaration of legislation, regulations and other measures

<u>Relating to</u>	<u>Legislation</u>	<u>Regulations</u>	<u>Other Measures</u>	<u>Amended since last year</u>
(a) Development, production stockpiling, acquisition or retention of microbial or other biological agents, or toxins, weapons, equipment and means of delivery specified in Article I	Yes	Yes	Yes	Yes
(b) Exports of micro-organisms* and toxins	Yes	Yes	Yes	Yes
(c) Imports of micro-organisms* and toxins	Yes	Yes	Yes	Yes

* Micro-organisms pathogenic to man, animals and plants in accordance with the Convention

Declaration of legislation, regulations, and other measures

No	Specification	No	Year	Topic
1	Law	136	2007	approving the Government emergency ordinance no. 129/2006 on the export control regime of dual-use goods and technologies
2	Government decision	924	2007	approving the List of military products subject to the control regime of exports, imports and other operations
3	Order	212	2007	for the prorogation of the term set in the Order of the National Sanitary-Veterinary and Food Safety Authority President no. 300/2006 on approving a Schedule of: monitoring, preventing and controlling veterinary diseases, diseases transmissible from animals to humans, environmental and animal protection for the year 2007
4	Order	13	2007	approving the methodology norms for the implementation of the Government emergency ordinance no. 129/2006 on the export control regime of dual-use goods and technologies
5	Council Regulation	1183	2007	amending and updating Regulation (EC) No 1334/2000 setting up a Community regime for the control of exports of dual-use items and technology

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Declaration of legislation, regulations and other measures

Relating to	Legislation	Regulations	Other Measures	Amended since last year
(a) Development, production stockpiling, acquisition or retention of microbial or other biological agents, or toxins, weapons, equipment and means of delivery specified in Article I	Yes	Yes	Yes	No
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1	Council Regulation (EC)	1183	2007	Amending and updating Regulation (EC) No 1334/2000 setting up a Community regime for the control of exports of dual-use items and technology
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Relating to	Legislation	Regulations	Other Measures	Amended since last year
(a) Development, production stockpiling, acquisition or retention of microbial or other biological agents, toxins, weapons, equipment and means of delivery specified in Article I	Yes	Yes	Yes	Yes
(b) Exports of micro-organisms* and toxins	Yes	Yes	Yes	Yes
(c) Imports of micro-organisms* and toxins	Yes	Yes	Yes	Yes

* Micro-organisms pathogenic to man, animals and plants in accordance with the Convention

Annex to Form E

Declaration of legislation, regulations, and other measures

No	Specification	No	Year	Topic
1	EU	25	2007	Commission Decision of 22 December 2006 as regards certain protection measures in relation to highly pathogenic avian influenza and movements of pet birds accompanying their owners into the Community
2	EU	208	2007	Commission Decision of 30 March 2007 concerning a Community financial contribution towards a baseline survey on the prevalence of <i>Salmonella</i> in turkeys to be carried out in Bulgaria and in Romania
3	EU	219	2007	Commission Decision of 30 March 2007 concerning a Community financial contribution towards a baseline survey on the prevalence of <i>Salmonella</i> in slaughter pigs to be carried out in Bulgaria and in Romania
4	EU	268	2007	Commission Decision of 13 April 2007 on the implementation of surveillance programmes for avian influenza in poultry and wild birds to be carried out in the Member States and amending Decision 2004/450/EC
5	EU	407	2007	Commission Decision of 12 June 2007 on a harmonised monitoring of antimicrobial resistance in <i>Salmonella</i> in poultry and pigs
6	EU	516	2007	Commission Decision of 19 July 2007 concerning a financial contribution from the Community towards a survey on the prevalence and antimicrobial resistance of <i>Campylobacter</i> spp. in broiler flocks and on the prevalence of <i>Campylobacter</i> spp. and <i>Salmonella</i> spp. in broiler carcasses to be carried out in the Member States
7	EU	598	2007	Commission Decision of 28 August 2007 concerning measures to prevent the spread of highly pathogenic avian influenza to other captive birds kept in zoos and approved bodies, institutes or centres in the Member States
8	EU	636	2007	Commission Decision of 28 September 2007 concerning a financial contribution from the Community towards a survey on the prevalence of <i>Salmonella</i> spp. in herds of breeding pigs to be carried out in the Member States
9	EU	782	2007	Commission Decision of 30 November 2007 approving annual and multi-annual national programmes and the financial contribution from the Community for the eradication, control and monitoring of certain animal diseases and zoonoses, presented by the Member States for 2008 and following years
10	EU	874	2007	Commission Decision of 18 December 2007 approving the national programme for the control of salmonella in breeding flocks of <i>Gallus gallus</i> submitted by Romania
11	EU	646	2007	Commission Regulation (EC) of 12 June 2007 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Community target for the reduction of the prevalence of <i>Salmonella enteritidis</i> and <i>Salmonella typhimurium</i> in broilers and repealing Regulation (EC) No 1091/2005
12	Governmental Emergency Ordinance	44	2007	Regarding the use in insolation conditions of microorganisms genetically modified
14	Law	238	2007	For the modification of Article 26 of the Governmental Ordinance no. 42/2004 on the organization of the sanitary-veterinary activities and on food safety

Declaration of vaccine production facilities:

1. Name of facility: **NATIONAL SOCIETY "PASTEUR INSTITUTE" SA**
2. Location (mailing address): BUCHAREST, GIULESTI STREET, No. 333, 060269,
phone: +40212206927 / fax: +40212206911
email: pasteur.biomol@pasteur.ro ; www.pasteur.ro
3. General description of the types of diseases covered:
Animal diseases (viral, bacterial, parasitic diseases)