Agreed Forms for the Submission of the Confidence-Building Measures

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

<table>
<thead>
<tr>
<th>Measure</th>
<th>Nothing to declare</th>
<th>Nothing new to declare</th>
</tr>
</thead>
<tbody>
<tr>
<td>A, part I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A, part 2 (i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A, part 2 (ii)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A, part 2 (iii)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B (i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B (ii)</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>G</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

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

Date: 22 AUGUST 2011______________________________
State Party to the Convention: ROMANIA________________________
2. CONFIDENCE BUILDING MEASURE “A” Form A part 1

Part 1: Exchange of data on research centres and laboratories

1. Name(s) of facility Army Center for Medical Research
2. Responsible public or private organization or company Ministry of National Defence
3. Location and postal address Bucharest, C.A.Rosetti street no.37 Sector 2
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of National Defence
   Partly financed by the Ministry of National Defence
5. Number of maximum containment units within the research centre and/or laboratory, with an indication of their respective size (m²)
   0 sqm
6. If no maximum containment unit, indicate highest level of protection
   P2=52 sqm
   P3=24 sqm (under construction)
   P4=11 sqm (under construction)
7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate
   Medical protection against BW (bacterial, viral and toxins as biological agents) e.g. Bacillus anthracis, Brucella spp, arboviruses, aflatoxins etc.

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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 defence research and development programme, please fill in name of facility and mark "Declared in accordance with Form A, part 2 (iii)".
3In accordance with the 1983 WHO Laboratory Biosafety Manual, or equivalent
**National biological defence research and development programme Declaration**

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

Yes: prophylaxis, diagnostic techniques, detection, treatment, toxinology, decontamination.

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

- prophylaxis = POS
- studies on pathogenicity and virulence = no
- diagnostic techniques = PCR, ELISA, MS MALDI, MiniApi, microscopy etc.
- aerobiology, no
- detection = no
- treatment = sensibility tests for antibiotics
- toxinology = acute toxinological tests for mycotoxins
- physical protection, no
- decontamination = antimicrobial tests for disinfectants
- and other related research = new epidemiological device

2. State the total funding for the programme and its source.
- Ministry of National Defence
- National Programmes for Research

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.

- decontamination = antimicrobial tests for disinfectants

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 defence research and development programme

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 defence research and development portion only.

1. What is the name of the facility?
Microbiological and epidemiological Ward (Microbiological Laboratory and Epidemiological Laboratory)

2. Where is it located (include both address and geographical location)?
Army Center for Medical Research, Bucharest, C.A.Rosetti street no.37 and External facility Bucharest “Cernica Fort”

3. Floor area of laboratory areas by containment level:

<table>
<thead>
<tr>
<th>Level</th>
<th>Area (sqM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL2</td>
<td>52</td>
</tr>
<tr>
<td>BL3</td>
<td>24 (under construction)</td>
</tr>
<tr>
<td>BL4</td>
<td>11 (under construction)</td>
</tr>
</tbody>
</table>

Total laboratory floor area 520 (sqM)

4. The organizational structure of each facility.
   (I) Total number of personnel 10
   (ii) Division of personnel:
       Military 0
       Civilian 10
   (iii) Division of personnel by category:
       Scientists 6
       Engineers 0
       Technicians 3
       Administration and support staff 1
   (iv) List the scientific disciplines Represented in the scientific/engineering staff.
       - medicine
       - biology
       - veterinary
   (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 Ministry of National Defence?
       Partly
(vii) What are the funding levels for the following programme areas:
   Research       national
   Development    national
   Test and evaluation     military

(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.)


5. Briefly describe the biological defence work carried out at the facility, including type(s) of micro-organisms* and/or toxins studied, as well as outdoor studies of biological aerosols.
   Bacillus anthracis
   Brucella spp
   West Nile Virus
   TBE Virus
   aflatoxins

Testing for biological agents (simulators) decontamination in field (Training team NBC Defance)

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*Including viruses and prions.
### Background informational on outbreaks of reportable infectious diseases in Romania (2010)

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number of cases per 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute diarrhoeal diseases</td>
<td>75092</td>
</tr>
<tr>
<td>Bacillary dysentery</td>
<td>259</td>
</tr>
<tr>
<td>Cerebrospinal meningitis</td>
<td>59</td>
</tr>
<tr>
<td>Erysipelas</td>
<td>1241</td>
</tr>
<tr>
<td>Food poisoning</td>
<td>946</td>
</tr>
<tr>
<td>Leptospirosis</td>
<td>171</td>
</tr>
<tr>
<td>Measles</td>
<td>193</td>
</tr>
<tr>
<td>Parotiditis</td>
<td>286</td>
</tr>
<tr>
<td>Rubella</td>
<td>351</td>
</tr>
<tr>
<td>Streptococcal angina</td>
<td>10498</td>
</tr>
<tr>
<td>Scarlet fever</td>
<td>1659</td>
</tr>
<tr>
<td>Tetanus</td>
<td>9</td>
</tr>
<tr>
<td>Varicella</td>
<td>36504</td>
</tr>
<tr>
<td>Viral hepatitis</td>
<td>4518</td>
</tr>
<tr>
<td>Wooping cough</td>
<td>29</td>
</tr>
</tbody>
</table>
4. CONFIDENCE-BUILDING MEASURE "C":

- Encouragement of publication of results and promotion of use of knowledge

Published papers 2010


2. Catana N., Virgilia Popa, V. Herman, Ionica Fodor 2010, Laboratory research diagnosis of the infection with porcine circovirus type 2 in young swine, Lucrări Stiințifice de Medicină Veterinară (Scientific Papers Veterinary Medicine, ISSN:1221-5295) USAMV Timișoara, 43(1): 106 – 109


4. Botus Daniela, Virgilia Popa, E. Caplan, F. Pastrama, M.Pirvulescu 2010, Validation of an immunoenzymatic assay for detection of antibodies against avian infectious laryngotracheitis virus, Lucrări Stiințifice de Medicină Veterinară (Scientific Papers Veterinary Medicine, ISSN:1221-5295) USAMV Timișoara, 43(1): 197 – 204


7. Virgilia Popa, Daniela Botuș, Emilia Voinovschi, Emilia Simion 2010, Real time PCR assay for molecular identifying and quantifying of classical swine fever virus based on 5’utr sequence, Academy of Agricultural and Forestry Sciences, Scientific research offer for technological transfer in agriculture, food industry and forestry, Ed. New Agris ISSN 1844-0355

8. Virgilia Popa, Daniela Botuș, Emilia Voinovschi, Emilia Simion, Mirela Popa 2010, Real time PCR assay for molecular identifying of rabies virus (Lyssavirus) based on nucleoprotein sequence, Academy of Agricultural and Forestry Sciences, Scientific research offer for technological transfer in agriculture, food industry and forestry, Ed. New Agris ISSN 1844-0355
9. **Virgilia Popa, Daniela Botuș, Emilia Voinovschi, Emilia Simion 2010.** Classical multiprimer PCR assay for concomitant detection of porcine parvovirus (PPV) and porcine circovirus 2 (CPV2), Academy of Agricultural and Forestry Sciences, Scientific research offer for technological transfer in agriculture, food industry and forestry, Ed. New Agris ISSN 1844-0355

10. **Virgilia Popa, Daniela Botuș, Emilia Voinovschi, Emilia Simion 2010.** Classical multiprimer PCR assay for concomitant detection of Aujeszky virus (PRV) and porcine adenovirus B/4 (PaDV4 / PAV4), Test multiplex PCR clasic pentru detectia concomitenta a virusului bolii Aujeszky (PRV) si a adenovirusului porcin B/4 (PaDV4 / PAV4), Academy of Agricultural and Forestry Sciences, Scientific research offer for technological transfer in agriculture, food industry and forestry, Ed. New Agris ISSN 1844-0355


15. **Nuta DC, Balotescu Chifiriuc C, Missir AV, Chirita IC, Badiceanu CD.** “In vitro evaluation of the antibacterial and antifungal activity of some new n-(2-dialkylaminoethyl)benzanilides. FARMACIA, 2010, Vol. 58, 1, 38


**Posters, oral communications presented in conferences in 2010**


**Scientific meetings 2010**

1. **Annual scientific session of University of Agricultural Science and Veterinary Medicine Bucharest, 18-19 November 2010:**
   - “Studies on diagnosis of Marek disease in broilers”, Ionica Fodor, N. Catana, V. Herman, Virgilia Popa;
   - “PRRS and enzootic pneumonia in a fattening pig farm”, B.Faur, Virgilia Popa, V.Herman, Corina Pascu, Luminita Costinar, Ioana Vaduva, Anca Surpat, Sorina Irimie

2. **The 21 IPVS Congress, Vancouver, Canada - July 18-21, 2010:**
   - “Identification of Mycoplasma flocculare by Multiplex PCR”, Boqdan Faur, Virgilia Popa, Viorel Herman, Corina Pascu, Luminita Costinar, Ioana Vaduva 2010,

**Part II**

**International cooperation in scientific research**

<table>
<thead>
<tr>
<th>Responsible from Pasteur Institute</th>
<th>Project</th>
<th>Cooperation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virgilia Popa / Mihai Danes</td>
<td>Discontools, A European technology platform for global animal health, Development of the most effective tools to control infectious diseases in animals.</td>
<td>FP7-KBBE-2007-1</td>
</tr>
</tbody>
</table>
5. CONFIDENCE-BUILDING MEASURE "D":

Active promotion of contacts

1. 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.  
  Balkan Medical Military Committee, XV,  
  May 2010, Pieria, Greece
- arranging organization(s), etc.  
  BMMC / National Defence Ministry
- time  
  May 2010
- place  
  Pieria, Greece
- main subject(s) for the conference, etc.  
  Military Medicine
- conditions for participation  
  international
- point of contact for further information, registration, etc.  
  www.BMMC.ro

- name of the conference, etc.  
  Trilateral Forum on counterbioterorrism  
  USA, Romania, R. Moldova / National Defence Ministry
- arranging organization(s), etc.  
  Chisinau, R. Moldova
- time  
  Octobre 2010
- place  
  counterbioterorrism
- main subject(s) for the conference, etc.  
  international
- conditions for participation  
- point of contact for further information, registration, etc.  
  www.BMMC.ro

2. Information regarding other opportunities

Military medical publication
6. CONFIDENCE-BUILDING MEASURE "E":

Declaration of legislation, regulations and other measures

<table>
<thead>
<tr>
<th>Relating to</th>
<th>Legislation</th>
<th>Regulations</th>
<th>Other measures</th>
<th>Amended since last year</th>
</tr>
</thead>
<tbody>
<tr>
<td>(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</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>(b) Exports of micro-organisms and toxins</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>(c) Imports of micro-organisms and toxins</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

Annex to Form E

Declaration of legislation, regulations, and other measures

<table>
<thead>
<tr>
<th>No</th>
<th>Specification</th>
<th>No</th>
<th>Year</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Government Ordinance</td>
<td>119</td>
<td>2010</td>
<td>Regarding the control regime of dual use items operations</td>
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