

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	Year of last declaration if nothing new to declare
A, part 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="2012"/>
A, part 2 (i)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="2012"/>
A, part 2 (ii)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="2011"/>
A, part 2 (iii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="2012"/>
F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="1992"/>
G	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox" value="2011"/>

(Please mark the appropriate box(es) for each measure with a tick, and fill in the year of last declaration in the last column where applicable.)

Date: **April, 2013**

State Party to the Convention: **Czech Republic**

Date of ratification/accession to the Convention:

30 April 1973 (former Czechoslovakia), 24 March 1993 (Czech Republic)

National point of contact: **Michal Merxbauer, Ph.D.**

Director

Department for Control of WMD Non-Proliferation

State Office for Nuclear Safety

Senovazne nam. 9

110 00 Praha 1

National biological defence research and development programmes

Facilities

1. What is the name of the facility?

Central Military Health Institute, department Praha

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

U Vojenské nemocnice 1200, 169 02 Praha 6 – Střešovice; 50°5'23.266"N, 14°21'44.543"E

3. Floor area of laboratory areas by containment level:

BL2 84 (sqM)

BL3 0 (sqM)

BL4 0 (sqM)

Total laboratory floor area 84 (sqM)

4. The organizational structure of each facility.

(i) Total number of personnel 9

(ii) Division of personnel:

Military 4

Civilian 5

(iii) Division of personnel by category:

Scientists 4

Engineers 1

Technicians 4

Administrative and support staff 0

(iv) Represented scientific disciplines: molecular biology, mass spectrometry, microbiology, epidemiology, veterinary medicine

(v) Contractor staff 0

(vi) Source of funding wholly financed by the Ministry of Defence

(vii) What are the funding levels for the following programme areas:

Research 100%

Development

Test and evaluation

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

All staff is encouraged to publish the results of their research in the open literature whenever not precluded by security considerations.

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

Drevinek M, Dresler J, Klimentova J, Pisa L, Hubalek M.: *Evaluation of sample preparation methods for MALDI-TOF MS identification of highly dangerous bacteria.*, LettApplMicrobiol. 2012 Jul; 55(1):40-6. doi: 10.1111/j.1472-765X.2012.03255.x. Epub 2012 May 10.

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.

SPEKTROMETRIE – Proposal of undisputed identification procedure of bacterial BA through mass spectrometry and molecular biology methods and test of applicability of this proposal for environmental samples.

National biological defence research and development programmes

Facilities

1. What is the name of the facility?

Institute of Molecular Pathology (IMP) and Centre of Advanced Studies (CAS),
Faculty of Military Health Sciences, University of Defence

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

Třebešská 1575, 500 01 Hradec Králové, Czech Republic;
50°11'39.444"N, 15°49'44.558"E

3. Floor area of laboratory areas by containment level:

BL2 64 (sqM)
BL3 26 (sqM)
BL4 0 (sqM)
Total laboratory floor area 90 (sqM)

4. The organizational structure of each facility.

(i) Total number of personnel 16

(ii) Division of personnel:

Military 3

Civilian 13

(iii) Division of personnel by category:

Scientists 12

Engineers 0

Technicians 2

Administrative and support staff 2

(iv) Represented scientific disciplines: molecular biology, immunology, genetics, cell biology, bioinformatics, analytical chemistry, toxicology

(v) Contractor staff 10

(vi) Source of funding

Works on national biological defence research and development programmes is wholly financed by the Ministry of Defence.

(vii) What are the funding levels for the following programme areas:

Research 100%

Development

Test and evaluation

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

All staff is encouraged to publish the results of their research in the open literature whenever not precluded by security considerations. For military projects publication is necessary approval of Branch Council.

- (ix) Provide a list of publicly-available papers and reports resulting from the work published 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.

SPEKTROMETRIE – Proposal of undisputed identification procedure of bacterial BA through mass spectrometry and molecular biology methods and test of applicability of this proposal for environmental samples.

Encouragement of publication of results and promotion of use of knowledge

Balonova L, Mann BF, Cerveny L, Alley WR Jr, Chovancova E, Forslund AL, Salomonsson EN, Forsberg A, Damborsky J, Novotny MV, Hernychova L, Stulik J.: *Characterization of protein glycosylation in Francisella tularensis subsp. holarctica: identification of a novel glycosylated lipoprotein required for virulence*. Mol Cell Proteomics. 2012 Jul; 11(7):M111.015016. doi: 10.1074/mcp.M111.015016. Epub 2012 Feb 23.

Kubelkova K, Krocova Z, Balonova L, Pejchal J, Stulik J, Macela A.: *Specific antibodies protect gamma-irradiated mice against Francisella tularensis infection*. Microb Pathog. 2012 Nov-Dec; 53(5-6):259-68. doi: 10.1016/j.micpath.2012.07.006. Epub 2012 Jul 25.

Straskova A, Cerveny L, Spidlova P, Dankova V, Belcic D, Santic M, Stulik J.: *Deletion of IglH in virulent Francisella tularensis subsp. holarctica FSC200 strain results in attenuation and provides protection against the challenge with the parental strain*. Microbes Infect. 2012 Feb; 14(2):177-87. doi: 10.1016/j.micinf.2011.08.017. Epub 2011 Sep 8.

Novakova K, Blaha L, Babica P.: *Tumor promoting effects of cyanobacterial extracts are potentiated by anthropogenic contaminants--evidence from in vitro study*. Chemosphere. 2012 Sep; 89(1):30-7. doi: 10.1016/j.chemosphere.2012.04.008. Epub 2012 May 8.

Sychrova E, Stepankova T, Novakova K, Blaha L, Giesy JP, Hilscherova K.: *Estrogenic activity in extracts and exudates of cyanobacteria and green algae*. Environ Int. 2012 Feb; 39(1):134-40. doi: 10.1016/j.envint.2011.10.004. Epub 2011 Nov 24.