

CZECH REPUBLIC

(12 April 2006)

The Permanent Mission of the Czech Republic to the United Nations presents its compliments to the Under-Secretary-General for Disarmament Affairs, and with the reference to the Convention on the Prohibition of the Development, Production and Stockpiling of Bacteriological (Biological) and Toxin Weapons and Their Destruction, has the honor to provide information and data for year 2005.

The Permanent Mission of the Czech Republic to the United Nations avails itself of this opportunity to renew to the Under-Secretary-General for Disarmament Affairs, the assurances of its highest consideration.

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 type="checkbox"/>
A, part 2(i)	<input type="checkbox"/>	<input type="checkbox"/>
A, part 2(ii)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A, part 2(iii)	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>

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

Date:March 29, 2006.....

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

Exchange of data on research centres and laboratories¹⁾

1. Name(s) of facility²⁾ **Collection of Animal Pathogenic Microorganisms**
2. Responsible public or private organization or company **Veterinary Research Institute**
3. Location and postal address **Hudcova 70
621 32 Brno**
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence
Ministry of Agriculture
5. Number of maximum containment units³⁾ within the research centre and/or laboratory, with an indication of their respective size (m²)
0
6. If no maximum containment unit, indicate highest level of protection
BL 3 (app. 100 m²)
7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate

Research activities on aetiology, pathogenesis, diagnosis and epizootology of veterinary infectious diseases. Cultivation of zoonotic microbes and viruses used for veterinary research, detection of pathogenic diseases and their treatment.

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

Form A, part 2 (i)

National biological defence research and development programme

Declaration

Is there a national programme to conduct biological defense 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.

No

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

Exchange of data on research centres and laboratories¹⁾

1. Name(s) of facility²⁾ **Institute of Infectious Diseases and Epizootology**
2. Responsible public or private organization or company **University of Veterinary and Pharmaceutical Sciences**
3. Location and postal address **Palackého 1/3
621 42 Brno**
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence
Ministry of Education, Youth and Sports
5. Number of maximum containment units³⁾ within the research centre and/or laboratory, with an indication of their respective size (m²)
0
6. If no maximum containment unit, indicate highest level of protection
BL 3 (app. 40 m²)
7. Scope and general description of activities, including type(s) of micro-organisms and/or toxins as appropriate

Laboratory provides research and educational activities, diagnostic services using *Chlamydomonas psittaci*, Avian influenza viruses and Newcastle disease virus.

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- 4) The containment units which are fixed patient treatment modules, integrated with laboratories, should be identified separately.
- 5) For 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)“.
- 6) In accordance with the 1983 WHO Laboratory Biosafety Manual or equivalent.

Form A, part 2 (i)

National biological defence research and development programme

Declaration

Is there a national programme to conduct biological defense 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.

No

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

Background information on outbreaks of reportable infectious diseases

Disease	Number of cases per year				
	2001	2002	2003	2004	2005
Salmonellosis	2.629	2.256	1.822	1.788	1.034
Shigelosis	62	91	152	61	78
Viral Hepatitis A	125	30	26	0	163

Encouragement of publication of results and promotion of use of knowledge

List of the most important publication which appeared during the year 2005:

Sýkorová, S.; Matějová, E.; Berová, M.: Monitoring of *Fusarium* mycotoxins in samples of wheat, barley and rye (2000 - 2003). Mlynářská ročenka, Svaz průmyslových mlýnů, 2005.

Sýkorová, S.; Matějová, E.; Chrpová, J.; Šíp, V.; Hýsek, J.; Sychrová, E.: Research about deoxynivalenol contains and incidence of pathogens in cereals. Úroda č. 5/2005, Profi Press, Praha 2005.

Sýkorová, S.; Matějová, E.; Bradová, J.: Monitoring of *Fusarium* mycotoxins in cereals in the Czech Republic ČR (2000 - 2004). Sborník "Cudzorodé látky", Bratislava 2005.

Machová, J.; Honíčková, J.; Sedlák, K.: Highly pathogenic avian influenza – bird flu. Veterinářství č. 3/2005, Strategie, Praha 2005.

Pilousová, L.; Matiasovičová, J.; Šišák, F.; Havlíčková, H.; Rychlík, I.: Retron reverse transcriptase (rrfT) can be lost in multidrug resistant *Salmonella enterica* serovar Typhimurium DT 104 strains and influences virulence for mice. Veterinary microbiology Vol. 111, Iss. 3 – 4, The Netherlands.

Smetana, J.; Smetana, R.; Vacková, M.; Pek, M.; Chlíbek, R.: Prevention of the development and importation of infections in members of the Army of the Czech Republic participating in foreign missions. Epidemiologie, mikrobiologie, imunologie - časopis Společnosti pro epidemiologii a mikrobiologii České lékařské společnosti J.E. Purkyně č. 8/2005.

Patočka, J.; Šplího, M.; Merka, V.: Botulism and bioterrorism: How serious is this problem? Acta medica (Hradec Kralove)/Universitas Carolina, Facultas Medica Hradec Králové č. 48/2005.

Matouch, O.; Vitásek, J.: Elimination of Rabies in the Czech republic by Oral Vaccination of Foxes. Rabies Bull. Europe 29, No. 1, pp. 10 – 15, 2005.

Matouch, O.; Vitásek, J.; Semerád, Z.; Mařena, M.: Rabies Elimination in the Czech Republic. Bulletin OIE, No. 3, pp 63-64, 2005.

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:

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| a) name of the conference, etc. | Host-pathogen interaction 2006 |
| – arranging organization(s), etc. | IMP, Hradec Králové |
| – time | May 2 – 5, 2006 |
| – place | Hradec Králové |
| – main subject(s) for the conference, etc. | host response to the pathogenic microorganisms |
| – conditions for participation | open registration, conference fee |
| – point of contact for further information, registration, etc. | RNDr. Zuzana Kročová, Ph.D.
krocova@pmfhk.cz |
| b) name of the conference, etc. | X. Czech-Slovak Congress on Infectious Diseases |
| – arranging organization(s), etc. | Czech Medical Society of J. E. Purkyne, Slovak Infectology Society |
| – time | May 31 – June 2, 2006 |
| – place | Brno |
| – main subject(s) for the conference, etc. | Zoonosis, persistent infections, tropical medicine |
| – conditions for participation | |
| – point of contact for further information, registration, etc. | www.ta-service.cz |
| c) name of the conference, etc. | XV. Conference of Young Microbiologists - Tomášek Days |
| – arranging organization(s), etc. | Masaryk University in Brno, Faculty of Medicine |
| – time | June 6 – 7, 2006 |
| – place | Brno |
| – main subject(s) for the conference, etc. | microbiology |
| – point of contact for further information, registration, etc. | tomdny@fnusa.cz |

Form E

Declaration of legislation, regulations and other measures

Relating to	Legislation	Regulation	Other measures	Amended since last year
(a) Development, production stockpiling, acquisition or retention of microbial or other microbiological agents, or toxins, weapons, equipment and means of delivery specified in Article	YES/ <input type="checkbox"/>	YES/ <input type="checkbox"/>	<input type="checkbox"/> /NO	<input type="checkbox"/> /NO
(b) Exports of micro-organisms* and toxins	YES/ <input type="checkbox"/>	YES/ <input type="checkbox"/>	<input type="checkbox"/> /NO	<input type="checkbox"/> /NO
(c) Imports of micro-organisms* and toxins	YES/ <input type="checkbox"/>	YES/ <input type="checkbox"/>	<input type="checkbox"/> /NO	<input type="checkbox"/> /NO

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