

German Democratic Republic ^{1/}

Exchange of data on research centres and laboratories

Research institutes in the German Democratic Republic do not possess any unit or laboratory that correspond to the maximum containment criteria according to the bio-safety guidelines set up by WHO (Laboratory Biosafety Manual 1983).

The Institute of Virology, Humboldt University in Berlin, and the Central Institute for Cancer Research, Academy of Sciences in Berlin, have small containment units designed for diagnostic work, basic and applied research with HIV.

The Friedrich Löffler Institute in Greifswald has containment units used for diagnostic work and production of vaccines (foot-and-mouth-disease). Reconstruction aiming at maximum bio-safety containment level is planned.

The Section of Military Medicine, Ernst Moritz Arndt University Greifswald, has a laboratory (basic laboratory with appropriate personal protective and physical containment devices) for diagnostic work in communicable diseases, research regarding efficacy of disinfectants under field conditions and efficacy of influenza vaccine and antiinfluenza drugs.

^{1/} Through accession of the German Democratic Republic to the Federal Republic of Germany with effect from 3 October 1990, the two German States have united to form one sovereign State.

1. Name(s) of the research centre and/or laboratory Institute of Medical Virology
2. Responsible public or private organization or company Humboldt University Berlin
3. Location and postal address Schumannstr. 20/21
..... DDR - 1040 Berlin
..... German Democratic Republic
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence
..... Financed by the Ministry of High School Affairs
5. Number of maximum containment units* within the research centre and/or laboratory, with an indication of their respective size (m²)
..... No maximum containment unit
6. If no maximum containment unit, indicate highest level of protection
..... One P2/P3 laboratory, 20 m³ size
7. Scope and general description of activities, including type(s) of microorganisms and/or toxins as appropriate
..... Basic and applied research with HIV

* In accordance with the 1983 WHO Laboratory Biosafety Manual, or equivalent

1. Name(s) of the research centre and/or laboratory Central Institute of Cancer
..... Research, Department of Virology
2. Responsible public or private organization or company Academy of Sciences, German
..... Democratic Republic
3. Location and postal address Lindenberger Weg 80
..... DDR - 1115 Berlin-Buch
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence
..... Academy of Science, partly financed by the Ministry of Public Health
5. Number of maximum containment units* within the research centre and/or laboratory, with an indication of their respective size (m²)
..... No maximum containment units
6. If no maximum containment unit, indicate highest level of protection
..... One P3 laboratory, 30 m³ size
7. Scope and general description of activities, including type(s) of microorganisms and/or toxins as appropriate
..... Isolation and cultivation of HIV for diagnosis

* In accordance with the 1983 WHO Laboratory Biosafety Manual, or equivalent

1. Name(s) of the research centre and/or laboratory Friedrich-Loeffler Institute Insel Riems (Isle of Riems)
2. Responsible public or private organization or company VEB Kombinat Veterinary Vaccines Dessau
3. Location and postal address DDR - 2201 Insel Riems Greifswald County
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence Financed by the VEB Kombinat Veterinary Vaccines, Dessau and the Ministry of Agriculture, Forests and Food Industry
5. Number of maximum containment units* within the research centre and/or laboratory, with an indication of their respective size (m²) No maximum containment laboratory
6. If no maximum containment unit, indicate highest level of protection P3
7. Scope and general description of activities, including type(s) of microorganisms and/or toxins as appropriate Molecularbiological analysis and cultivation of foot-and-mouth-disease viruses (classical Types)

* In accordance with the 1983 WHO Laboratory Biosafety Manual, or equivalent

1. Name(s) of the research centre and/or laboratory
Section of Military Medicine,
Ernst-Moritz-Arndt University
Greifswald
2. Responsible public or private organization or company
EMA University Greifswald
3. Location and postal address
Rudolf-Petershagen-Allee 38
DDR - 2200 Greifswald
4. Source(s) of financing of the reported activity, including indication if the activity is wholly or partly financed by the Ministry of Defence
Financed by the Ministry of Defence and the Ministry of High School Affairs
5. Number of maximum containment units* within the research centre and/or laboratory, with an indication of their respective size (m²)
No maximum containment units
6. If no maximum containment unit, indicate highest level of protection
P2
7. Scope and general description of activities, including type(s) of microorganisms and/or toxins as appropriate
Training in microbiology and epidemiology;
investigations regarding
. efficacy of disinfectants under field conditions
. efficacy of virustatic drugs and vaccines against influenza;
development of diagnostic methods in communicable diseases.
The work is carried out with microorganisms of risk group II.

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(Original: English)

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In 1987, and up to ~~15~~ March 1988, no outbreaks of infectious diseases or similar diseases deviating from the normal pattern occurred.

Infectious disease surveillance is handled by the Central Institute of Hygiene, Microbiology and Epidemiology in Berlin. According to the Law on the Prevention and Control of Communicable Diseases in Man, the occurrence of certain major infectious diseases is to be promptly reported by the physicians diagnosing such a disease to the district hygiene inspectorate which submits weekly reports, via the respective county hygiene inspectorate, to the Central Institute mentioned in this paragraph.

1/ See footnote above.

Also, outbreaks of major infectious diseases are reported immediately to the Institute. The Central Institute of Hygiene, Microbiology and Epidemiology in Berlin issues a Weekly Epidemiological Report containing epidemiological and microbiological data.

The Report is disseminated within the country; it is simultaneously forwarded directly to the WHO Regional Office for Europe in Copenhagen and to WHO Headquarters in Geneva.

(Original: English)

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Publications

1. A.M. Ladhoff, D. Scholz, S. Rosenthal & H.A. Rosenthal
Zur Struktur des AIDS-Virus - elektronenmikroskopische
Untersuchungen. Zeitschrift für Klinische Medizin 41,
2209 - 2214 (1986)
2. E. Matthes, Ch. Lehmann, D. Scholz, M. von Janta-Lipinski,
K. Gaertner, H.A. Rosenthal & P. Langen
Inhibition of HIV-associated reverse transcriptase by
sugarmodified derivatives of thymidine 5'-triphosphate ...
Biochem. Biophys. Res. Comm. 148, 78 - 85 (1987)
3. Heinrich, H.-W.
Der Einsatz gentechnischer Methoden in der Virologie
Arch. exp. Vet.med. Leipzig 41, 660 - 664 (1987)
4. Latzke, W.; Wagner, S.; Dauber, M.; Holl, H.
Maul- und Klauenseuche-Virus-Vermehrung in klonierten
BHK-21-Zellkulturen mit vermindertem Serumanspruch
Arch. exp. Vet.med. Leipzig 41, 797 - 801 (1987)
5. Meyer, L.; Heinrich, H.-W.; Weber, S.
CDNA-Klonierung beim Maul- und Klauenseuche-Virus
Arch. exp. Vet.med. Leipzig 41, 655 - 670 (1987)
6. Thalmann, G.; Felfe, P.; Noeckler, A.; Liebermann, H.
Aktuelle Aufgaben der Verhütung der Maul- und Klauenseuche
und ihre Bekämpfung in der DDR - Vorkommen, Bedeutung und
Quellen der Seuche sowie Immunprophylaxe aus internationaler
Sicht
Arch. exp. Vet.med. Leipzig 41, 779 - 793 (1987)

1/ See footnote above.

Selected Medical-Scientific Journals published in the German Democratic Republic

No.	Title
1	Allergie und Immunologie
2	Archiv für experimentelle Veterinärmedizin
3	Biomedica biochimica Acta
4	DDR-Medizin-Report
5	Experimental pathology
6	Folia haematologica
7	Monatshefte für Veterinärmedizin
8	Pädiatrie und Grenzgebiete
9	Die Pharmazie
10	Pharmazeutische Praxis
11	Radiobiologia, Radiotherapia
12	Journal of Basic Microbiology
13	Zeitschrift für klinische Medizin
14	Zeitschrift für die gesamte Hygiene und ihre Grenzgebiete
15	Zeitschrift für die gesamte Innere Medizin und ihre Grenzgebiete
16	Zeitschrift für Erkrankungen der Atmungsorgane
17	Zeitschrift für medizinische Laboratoriumsdiagnostik
18	Zeitschrift für Militärmedizin
19	Zentralblatt für Mikrobiologie
20	Zentralblatt für Pharmazie, Pharmakotherapie und Laboratoriumsdiagnostik

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Seminars, conferences or symposia concerning scientific work covered by the Convention are not planned for 1988.

(Original: English)