

(FDD 28198)

On the Problem of the Conditioned Reflex
Effect on Immunogenesis, by L. H. Maychik,
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SLAP-5417
CIA/FDD U-8810

Sci - Medicine, physiology
21 Oct 56

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CFSTI-77-67-65108

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USDA Tr W-1720

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USDA TR V-1720

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USDA Tr V-1735

Acci - Med

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Dec 61

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Study of the Immunological Effectiveness of the
Sext-Anstoxin in Distant Reimmunization, by
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I. A. Larina, V. M. Shevalev.

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USDA Ta V-1750

Sci - Med

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Feb 62

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Sci - Med

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34p.

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Sci - Biol & Med
May 63

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USDA Tr V-1752

Sci - Mbd

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tion of People With Pulverized Vaccines, by
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et al.

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Sci - Med

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Jun 62

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A Study of Aerosols, by S.N. Marontsev (deceased)
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Special type B
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CHARACTERISTICS OF GAMMA-RAY IRRADIATED TETANUS
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JPRS 20237

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EXPERIMENT IN THE APPLICATION OF FLUORESCENT
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A Study of Botulinum Toxoids. Communication
III: Botulinum Toxoid, Type C, by A. P. Markin,
E. F. Lukin, E. K. Petrova, A. A. Vorob'yev.

RUSSIAN, per, Zhurnal Mikrobiologii, Epidem-
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USDA Tr V-1765

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Sci - Med

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Experiment in Mass Immunization of Minks Against
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Bulatova, E. I. Sergeyeva.

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USDA Tr Y-1758

Sci - Med

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63-19005

Podlevskii, A. F.
PHAGOCYTOSIS IN TYPHOID PATIENTS. [1962] [16]p.
10 refs. FASEB manuscript no. S 221-2.
Order from OTS or SLA \$1.60 63-19005

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) 1962 [v. 33] no. 1, p. 57-62.

DESCRIPTORS: *Phagocytosis, *Typhoid, Leukocytes, Corticosteroids, Antibiotics.

Sixty-eight typhoid patients were treated to determine the effectiveness of various treatments on phagocytosis. In most patients, a favorable course of convalescence progressed. Phagocytosis of the typhoid bacilli was found to be about twice as intense as that of the *Shigella sonnei*. A second examination showed a decrease in phagocytosis of Sonne's bacilli to normal levels and a marked increase regarding typhoid microbes in patients whose convalescence was favorable. The (Biological Sciences--Pathology, TT, v. 10, no. 6)
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- I. Title: Prednisone
- I. Podlevskii, A. F.
- II. FASEB S-221-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Inhalation Immunization With Whooping Cough
Vaccine of Experimental Animals, by S. N. Muromtsev.
RUSSIAN, per, Zhurnal Mikrobiologii, Epidemiologii
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FTD HT Special 15-70

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Experimental Observations of Group Associated
Immunization With Aerosols Made From Anatoxins,
(Tetanus and Staphylococcus), by V. F.
Bukharin.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXXIII, No 7, 1962, pp 8-2314.
9088116

USDA Tr V-1773

Col - Biol

62-25036
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63-19006

Bukharin, G. V.
THE EFFECT OF VITAMIN B₁₂ ON PHAGOCYTOSIS.
[1962] [13 p.] 7 refs. (FASB) manuscript no. S 224-2.
Order from OHS or SLA \$1.60 63-19006

Trans. of Zhurnal Mikrobiologii, Epidemiologii i
Immunobiologii (USSR) 1962 [v. 33] no. 2, p. 37-41.

DESCRIPTORS: *Vitamin B complex, *Phagocytosis,
Reticuloendothelial system, *Dibazol, *Leukocytes,
Eosinophils, Immunity.

The influence of vitamin B₁₂ on the phagocytic activity
of leukocytes was studied; and the actions of dibazol and
vitamin B₁₂ on phagocytosis were compared. Injections
of vitamin B₁₂ helped to increase the phagocytic activity
of the leukocytes in rabbits. After the control
group was given a physiological solution, the experi-
mental and control animals were immunized with a
(Biological Sciences--Pathology, TT, v. 10, no. 6)
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- I. Bukharin, G. V.
- II. FASB S-224-2
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Societies for Experi-
mental Biology,
Washington, D. C.
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Washington, D. C.

Office of Technical Services

63-19385

Frolov, V. A.

THE EFFECT OF ANAPHYLACTIC SHOCK ON
PRECIPITIN PRODUCTION. II. THE EFFECT OF
DRUGS ACTING ON THE NERVOUS SYSTEM DURING
ANAPHYLACTIC SHOCK ON IMMUNOGENESIS. [1963]
[9]p. 16 refs. FASEB manuscript no. S 224-2.
Order from OTS or SLA \$1.10 63-19385

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Im-
munobiologii (USSR) 1962 [v. 33] no. 2, p. 41-45.

DESCRIPTORS: *Anaphylactic shock, *Allergy, Anti-
gens and antibodies, Drugs, *Nervous system, *Im-
munity, Ethers, *Anesthesia, Barbiturates, Titration.

Deep ether anesthesia alleviated the course of anaphy-
lactic shock, hexobarbital anesthesia aggravated it,
and azamethione had no effect on its course. The titer
of precipitins to the sensitizing and immunizing anti-
(Biological Sciences--Pharmacology, TT, v. 10, no. 5)
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- I. Title: Pentamine
- I. Frolov, V. A.
- II. Title: Effect ...
- III. FASEB S-224-2
- IV. Federation of American
Societies for Experimen-
tal Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-19009

Gorshunova, L. P.
ROLE OF THE LYMPH NODES IN THE MECHANISM
OF NATURAL RESISTANCE TO RABIES. [1962] [9]p.
6 refs. FASEB manuscript no. S 228-2.
Order from CTS or SLA \$1.10 63-19009

Trans. of Zhurnal Mikrobiologii, Epidemiologii
Immunobiologii (USSR) 1962 [v. 33] no. 2, p. 45-48.

DESCRIPTORS: *Lymphatic system, Tissues (Biology).
Resistance, *Immunology, *Rabies, Excision,
*Antibodies.

Experiments were performed on 50 white rats weighing
120 to 140g. Twenty-five rats with excised inguinal
lymph nodes and 25 control animals were inoculated in
the femoral muscle with street rabies virus. On the
11th, 12th, and 42nd day after inoculation, blood from
both groups was analyzed for its content of virus-
(Biological Sciences--Pathology, TT, v. 10, no. 6)(over)

- I. Gorshunova, L. P.
- II. FASEB S-228-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
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A Comparative Study of the Intranasal and Aerosol
Methods of Vaccination Against Influenza, by
V. M. Zhdanov, V. V. Ritova, et al, 7 pages

RUSSIAN, per, Zhur Mikrobiol., Epidemiol i Immunobiol.,
Vol XXXIII, No 11, 1962, pp 63-67. 9209777

USDA Tr V-1812

OTS 65-15064

Sci - Biol & Med Sci
Jul 63

OTI 65-15064

236, 248

FORM I-9000-C

ID 65-15064

Popivanov, R. and Vulchanov, V. Kh.
 THE DYNAMICS OF EXPERIMENTAL IMMUNO-
 SPERMO-PHAGOCYTOSIS. [1963] [6]p. (figs.
 omitted) 4 refs. FASEB manuscript no. S 231-2.
 Order from OTS or SLA \$1.10 63-19386

Trans. of Zhurnal Mikrobiologii, Epidemiologii i
 Immunobiologii (USSR) 1962 [v. 33] no. 2, p. 68-70.

DESCRIPTORS: Dynamics, Immunology, *Reproduc-
 tive system, *Reticuloendothelial system, Leukocytes,
 *Antibodies, Complement, Coagulation.

It was established that the serum of rabbits immu-
 nized with human spermatozoa contained not only
 complement-fixing antibodies and hetero- and iso-
 sperm-agglutinins, but also spermocidal, re-
 sponsible for phagocytosis of the human spermatozoa
 by the rabbit leukocytes. In all the cases of spermo-
 phagocytosis observed, the leukocytes seized the
 spermatozoon by its tail by means of their protoplas-
 mic pseudopodia. (Author)

63-19386

- I. Popivanov, R.
- II. Vulchanov, V. Kh.
- III. FASEB S-231-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- V. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology,
 TT, v. 10, no. 2)

Office of Technical Services

63-19387

Kreinin, L. S.
DETERMINATION OF THE PROTECTIVE PROPERTIES OF SERA. A TABLE FOR DETERMINING THE PD_{50} DOSE AND THE LIMITS OF ITS VARIATIONS. [1963] [6p. 3 refs. FASEB manuscript no. S 232-2. Order from CTS or SLA \$1.10 63-19387

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) 1962 [v. 33] no. 2, p. 70-73.

DESCRIPTORS: *Serum, *Dosage, Determination, Microorganisms, Immunology.

- I. Kreinin, L. S.
- II. Title: Table...
- III. FASEB S-232-2.
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Pathology, TT, v. 10, no. 5)

THE POSSIBILITY OF USING SPECIFIC KØFLUORESCENT
ANTIBODIES FOR THE RAPID DETECTION OF CHOLERA
VIBRIO IN WATER, BY YE. V. CHIBRIKOVA,
I. I. SHCHURKINA, ET AL, 9 PP.

RUSSIAN, PER, ZHUR MIKROBIOLOGII EPIDEMIOLOGII I
IMMUNOBIOLOGII, VOL XXXIII, NO 3, 1962, PP 9-14

JPRS 20220

SCI-BIOL
JULY 63

235,527

THE POSSIBILITY OF DETECTING TYPHOID-PARATYPHOID
BACTERIAL IN THE BLOOD BY USING LUMINESCENT SERA,
BY L. V. MIKOLYUBOVA, 7 PP.

RUSSIAN, PER, ZHUR MIKROBIOLOGII EPIDEMIOLOGII I
IMMUNOBIOLOGII, VOL XXXIII, NO 3, 1962, PP 14-17

JPRS 20228

SCI-BIOL
JULY 63

235,926

OBTAINING OF SPECIFIC ANTHRAX FLUORESCENT SERUM,
BY V. A. BLAGOVESHCHENSKIĬ, A. YA. KUL'BERG, ET AL,
3 PP.

RUSSIAN, PER, ZHUR MIKROBIOLOGI I ~~EPIDEMIOLOGI~~
EPIDEMIOLOGII I IMMUNOBIOLOGII, VOL XXXIII, NO 3,
1962, PP 18-23.

JPRS 20228

SCI-110L
JULY 63

235,929

PROBLEMS OF SERUM ADSORPTION FOR LUMINESCENT
ANALYSIS, BY N. A. KUZ'MIN, 5 PP.

RUSSIAN, PER,, ZHUR MIKROBIOLOGII EPIDEMIOLOGII I
IMMUNOBIOLOGII, VOL XXXIII, NO 3, 1962, PP 23-27.

JPRS 20228

SCI-BIOL
JULY 63

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Concerning the Utilization of β -Propiolactone
for Sterilizing Some Labile Biological Prepa-
rations (Preliminary Report), by N. E. Gafen,
O. A. Rudneva, et al.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXXIII, No 3, 1952, pp 102-108.
9209767

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OTA 63-19107
USDA Tr V-1826

Sci - Biol & Med Sci
Jul 63

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Determination of Immunogenic Properties of Soybean
Botulin Toxoids of Types C and E on Albino Mice,
by A. A. Vorob'yev, E. P. Lukin, et al.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol,
Vol XLIII, No 3, 1962, pp 123-127. 9209766

USDA Tr V-1827

OTS 43-19108

Sci - Biol & Med Sci
Jul 63

236,251

7068168

Aleksandrov, N. I., Gefen, N. E., Ezenchuk, Yu. V., Budak, A. P., and Runova, V. F.
 OPTIMUM CONDITIONS FOR PRODUCTION OF THE
 EXTRACELLULAR IMMUNIZING ANTIGEN OF BA-
 CILLUS ANTHRACIS ON MILK MEDIUM [Izuchenie
 Optimal'nykh Usloviy Obrazovaniya Sibirskoyazvennogo
 Vnekletchnogo Zashchitnogo Antigena na Molochnoi
 Srede]. [1968] [17p] 8 refs
 FASEB Manuscript no.: S 454-2.
 Order from OTS, SLA, or ETC \$1.60 TT-63-24528

Trans. of Zhurnal Mikrobiologii, Epidemiologii i
 Immunobiologii (USSR) 1962 [v. 33] no. 4, p. 9-14.
 (Abstract available)

Another trans. is available from OTS or SLA \$1.60 as
 TT-62-32897, 10 Aug 62, 14p.

DESCRIPTORS: Immunity, *Anthrax vaccine, *Antigens
 and antibodies, *Culture media, Vaccines, Milk;
 (Biological Sciences--Pathology, TT, v. 11, no. 6)
 (over)

TT-63-24528

- I. Aleksandrov, N. I.
- II. Gefen, N. E.
- III. Ezenchuk, Yu. V.
- IV. Budak, A. P.
- V. Runova, V. F.
- VI. FASEB-S-454-2
- VII. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- VIII. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

TT-63-24529

Bocharova, T. V.
EFFECT OF IRRADIATION ON IMMUNITY IN EXPERIMENTAL TYPHUS. COMMUNICATION 1. IMMUNITY IN IRRADIATED GUINEA PIGS VACCINATED WITH RICKETTSIA PROWAZEKI. [1963] [11p] 17refs
FASEB Manuscript no.: S 455-2.
Order from CTS, S.I.A., or ETC \$1.60 TT-63-24529

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) 1962 (v. 33) no. 4, p. 23-26.
(Abstract available)

DESCRIPTORS: *Radiation effects, *Immunity, *Typhus fever, Vaccines, *Rickettsia, Antigen-antibody reactions, Guinea pigs.

Vaccination with sorbed typhus vaccine begun after radiation sickness has already set in does not produce immunity. Vaccination started soon after exposure to irradiation may have prophylactic value. (Author)
(Biological Sciences--Pathology, TT, v. 11, no. 6)

- I. Bocharova, T. V.
- II. Title: Immunity...
- III. FASEB-S-455-2
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Dzhanpoladova, V. P. and Semenova, A. P.
GEL DIFFUSION PRECIPITATION OF P. TULARENSIS
ANTIGENS. COMMUNICATION I. [1963] [10p] Srefs
FASEB Manuscript no.: S-456-2.
Order from OTS, SLA, or ETC \$1.10 TT-63-24530

Trans. of Zhurnal Mikrobiologii, Epidemiologii i
Immunobiologii (USSR) 1962 [v. 33] no. 4, p. 27-30.
(Abstract available)

DESCRIPTORS: *Gels, Diffusion, *Pasteurella,
*Chemical precipitation, *Antigens and antibodies.

In experiments with cross diffusion, performed in test
tubes, up to 5 antigens were demonstrated in tularemia
bacteria. Gel diffusion precipitation occurred primarily
with the antigens of heated cultures. With the antigens
of 500 million bacterial cells, the number of precipita-
tion zones resulting from cross diffusion was almost
2 times greater than with 100 million cells, and with a
(Biological Sciences--Microbiology, TT, v. 11, no. 6)
(over)

TT-63-24530

- I. Dzhanpoladova, V. P.
- II. Semenova, A. P.
- III. FASEB-S-456-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-24531

Blasko, B.
DETOXICATION OF PARTIALLY PURIFIED AND CON-
CENTRATED TOXIN OF *CL. PERFRINGENS*. [1963]
[15p] 141cfa FASEB Manuscript no.: S 457-2.
Order from OIS, SLA, or ETC \$1.60 TT-63-24531

Trans. of Zhurnal Mikrobiologii, Epidemiologii i
Immunobiologii (USSR) 1962 (v. 33) no. 4, p. 110-115.

DESCRIPTORS: *Toxins and antitoxins, *Clostridium
perfringens, Neutralization, Toxicity.

The work gives the results of investigations into the
general conditions required for detoxification of *Cl.*
perfringens toxin--the relations between the nitrogen
content, the quantity of formalin used for detoxification,
and the pH. (Author)

(Biological Sciences--Microbiology, TT, v. 11, no. 5)

- I. Blasko, B.
- II. FASEB-S-457-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

SIGNIFICANCE OF DOSAGE OF THE DIPHTHERIA TOXOID
IN PRIMARY INHALATION IMMUNIZATION AND REIMMUNIZATION
IN AN EXPERIMENT WITH ANIMALS, BY S. N. MUROMTSEV,
N. A. BORODYUK.

RUSSIAN, PER, ZHUR MIKROBIOL EPIDEMIOL I IMMUNOBIOL,
VOL XXXIII, NO 5, 1962, PP 19-23. 9090898

USDA TR V-1732

SCI - MED
AUG 62

208,179

STUDY OF THE COMBINED ACTION OF DIPHTHERIA AND
STAPHYLOCOCCUS TOXINS IN THE ANIMAL ORGANISM,
BY V. S. KHAIT.

RUSSIAN, PER, ZHUR MIKROBIOL, EPIDEMIOL I
IMMUNOLOG, VOL XXXIII, NO 5, 1962. PP 23-26.

9090899

OTI
USDA TR V-1783

SCI - MED

208,180

AUG

8

Detection of Botulinal Toxin and Type A
Microbe in the Organism of Sick Animals and
in the Organs of Cadavers, by T. I. Sergeeva.
RUSSIAN, per, Zh Mikrobiol, Vol 33, No 5,
1962, pp 96-102.
LEW NII 2-83-66 (On Loan)

Sci/B&M
apr 66

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SOME ADDITIONAL CONTRIBUTIONS TO THE CLASS-
IFICATION OF EPIDEMIC DISEASES, BY V. D. BELYAKOV.

RUSSIAN, PER, ZHUR MIKROBIOL, EPIDEMIOLOG I
IMMUNOBIOLOG, VOL XXXIII, NO 5, 1962, PP 126-129.
9090900

USDA TR V-1784

SCI - MED
AUG 62

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Studies on Some Factors Influencing the
Reliability of Botulin and Tetanus Anatoxin
Titers According to the Flocculation Reaction,
by A. A. Vorobev.

RUSSIAN, per, Zh Mikrobiol, Vol 33 No 6,
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CFSTI-77-67-63053

Sci/BGM

Apr 66

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THE EFFECTIVENESS OF FLUORESCENCE AND PHASE-
CONTRAST BACTERIOSCOPIC DIAGNOSIS OF
TUBERCULOSIS, BY I. K. TSELLARIUS, K. V.
SHMALIY, 7 PP.

RUSSIAN, PER, ZHUR MIKROBIOLOGII, EPIDEMIOLOGII
IMMUNOBIOLOGII, NO 6, 1962, PP 1803-107.

JPRS 19430

SCI 1 MED
MAY 63

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Bactericidal Effect of Sodium Metasilicate, by
F. A. Shakhbazyan.
RUSSIAN, per, Zhurnal Mikrobiologii Epidemiologii
i Immunobiologii, No 6, 1962, pp 119-121.
*ACSI 34413
ID 2204007648

Sci-Chem
Mar 68

The Trend of the Epidemiology of Influenza, by
V. N. Zhiznov.

RUSSIAN, per, Zhurnal Mikrobiol, Epidemiol i
Immunobiol, No 6, 1962, pp 148-155.

NIH 6-43-63

Sci - Biol/Med Sci

Aug 63

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Aerosol Immunization With Dry Dust Vaccines and
Toxoids Communication VIII. Study of the
Method of Aerosol Immunization With Dust Anti-
plague Vaccine on a Wide Contingent of People,
by N. I. Aleksandrov, N. E. Gafen, et al.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXXIII, No 7, 1962, pp 46-50.

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USDA Tr V-1794

OTS 62-131075

Sci - Med
Nov 62

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Clinical-Epidemiological Characteristic of an
Outbreak of Botulism, Connected With the Use of
Canned Flounder for Food, by V. M. Bauman,
V. N. Yagovinskiy, et al.

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Immunobiol, Vol XXXIII, No 7, 1962, pp 92-95.
9068171

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Sci - Med
Nov 62

METHOD OF PROCESSING BACTERIOLOGICAL PREPARATIONS
WITH FLUORESCENT ANTIBODIES, BY I. O.
DASHKEVICH, S. I. D'YAKOV, 9 PP.

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I IMMUNOBIOLOGII, VOL XXXIII, NO 7, 1962,
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JPRS 19404

SCI - MED

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MAY 63

Glycerine Sterilization of Needles and
Instruments, by K. L. Konchev, 3 ~~pp~~.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
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ACSI I-5016-B
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Sci - Med

26 Oct 62

Features Peculiar to the Cases of Combined
Brucellosis and Q-Fever in Guinea Figo,
by E. M. Hargrave, J. P.

AMERICAN, J. of, Amer Microbiol. Epidemiol. &
Immunobiol., Vol. XLIII, No 7, 1962, pp 125-130.

ACSI 1-5016-EE
ID 2211756

Sol - Med
Jan 63

220,800

Methods of Controlling the Surface Disinfection
(Author's Summary), by B. L. Zhura-Bura,
M. A. Zolochovski, / ~~pp~~.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, No 7, 1962, pp 134.

ACSI I-5015-D
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Sci - Med

26 Oct 62

Development of the Theory of Epidemiology,
by I. I. Telkin, 8 pp.
RUSSIAN, per. Zhurnal Mikrobiologii,
Epidemiologii i Immunobiologii, Moscow, Vol 33,
No 7, Jul 1962, pp 137-141.
JPRS 47814.

Sci-B&M
May 69

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Methods of Detection of the Staphylococcal Enterotoxin, by D. ILYIN, Laila, M. Panajotova, et al.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunob
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DC

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3 Feb 69

SF

On further Development of Scientific Research
on the theory of Epidemiology by I.I. Rogozin,

Russian, per, Zh. Mikrobiologii, Epid i Immunobiologii,
Moscow No. 33 No. 8, Aug 1962, pp 145-146

Special Type "B" final draft plus one

xxxx pp-o.k. to mutilate