

ВОЛОТСКОЕ
VOLOTSKOY, Nikolay Vasil'yevich; ZIL'BER, David Aleksandrovich; KNORRING,
Gleb Mikhaylovich; LAZAREV, D.N., redaktor; ZAKHAROV, P.P., redaktor;
ZABRODINA, A.A., tekhnicheskii redaktor

[Fluorescent lighting] Liuminentsentnoe osveshchenie. Moskva, Gos.
energ. izd-vo, 1955. 304 p. (MLRA 9:2)

(Electric lighting, Fluorescent)

ZIL'BER, D. A.

AID P - 1490

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 5/19

Author : Zil'ber, D. A., Prof.

Title : The effectiveness of luminescent lighting from the hygienic point of view

Periodical : Gig. i san., 2, 20-28, F 1955

Abstract : Discusses the effect of luminescent light on the eyes and the whole organism from the medical point of view, describes various tests, and points out the advantages of luminescent as compared with incandescent illumination. In industrial shops lighted by luminescent lamps the workers' efficiency is considerably increased. 2 diags., 14 ref., 1947-1953

Institution: Leningrad Chemical and Pharmaceutical Institute

Submitted : F 2, 1954

ZIL'BER, D. A.

AID P - 2177

Subject : USSR/Medicine
Card 1/1 Pub. 37 - 19/22
Authors : Zil'ber, D. A., Prof., and Knorring, G. M., Kand. of
~~Techn. Sci.~~
Title : Ya. E. Neyshtadt. New Sources of Light and their Effect
on Man. Moscow, 1952. 170 pp. (Book Review)
Periodical : Gig. i san., 4, 57-60, Ap 1955
Abstract : An unfavorable review of the above book. Table
Institution : None
Submitted : No date

ZIL'BER, D.A., professor; VOLOTSKOY, N.V., kandidat tekhnicheskikh nauk; TELYAT'IN, V.V., inzhener.

Letter to the editor. Svetotekhnika 2 no.6:28-29 N '56.
(Leningrad--Subways) (Electric lighting) (MLRA 9:12)

ZIL'BER, D.A., professor.

Questions of lighting hygiene. Svetotekhnika 3 no.2:5-9 F '57.

(MLBA 10:3)

(Fluorescent lighting)

ZILBER, D. H.

ways of improving illumination in school buildings. (Schoolhouses - Standards)

ZIL'BER, D.A.; OLEKHOVICH, A.I.

Fluorescent lighting of pharmacies. Apt. delo 12 no.6:20-
23 N-D '63. (MIRA 17:2)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

ZIL'BER, D.A. / prof. D.A.
ZIL'BER, D.A., prof. D.A.

Elements of lighting engineering in physics textbooks for secondary
schools. Svetotekhnika 3 no.12:29-30 D '57. (MIRA II:1)
(Bibliography--Lighting)
(Bibliography--Optics, Physical)

ZILBER, D.H.

DANTSIG, M.M., professor; ZILBER, D.A., professor

Standards for artificial lighting in anticipation of a forthcoming
revision [with summary in English]. Gig. i nan., 22 no.8:25-30
Ag '57. (MLRA 10:9)

(ILLUMINATION
new standards in indust. & public buildings)

ZIL'BER, D.A.

ZIL'BER, D.A., prof.

"Industrial noise and its control" by I.I. Slavin. Reviewed by
D.A. Zil'ber. Gig. i san. 22 no.12:83-84 D '57 (MIRA 11:3)
(NOISE) (SLAVIN, I.I.)

ZIL'BER, D.A., prof.; ASHKENAZI, G.I., inzh.; SHEPTAL', Ye. B., kand. tekhn. nauk

Lighting problems of schools. Svetotekhnika 4 no. 8:24-25 Ag '58.

(MIRA'11:7)

(School houses--Lighting)

ZIL'BER, D.A., prof.; TELYAT'YEV, V.V., inzh.

Experimental lighting installation "ribbed ceiling." Svetotekhnika
4 no.9:7-8 S '58. (MIRA 11:8)
(Fluorescent lighting--Testing) (School houses--Lighting)

ZIL'BER, D. A.

"Achievements and problems of hygiene of industrial lighting."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

ZIL'BER, D.A.

Comments on V.P. Solov'ieva's article "Materials for a physiological basis for a work and rest schedule for mental workers." Gig.truda i prof.zab. 3 no.1:56 Ja-F '59. (MIRA 12:2)
(INDUSTRIAL HYGIENE)
(SOLOV'IEVA, V.P.)

TIKHODEYEV, P.M.; FEDOROV, B.F.; VOLOTSKOY, N.V.; TELYAT'YEV, V.V.; ZIL'BER, D.A.;
SAPOZHNIKOV, R.A.; SHAYKEVICH, A.S.; KHORRING, G.M.; SEREBRYAKOV, V.M.;
DADIOMOV, M.S.; LEVIT, G.O.

Professor Viacheslav Vasil'evich Novikov; on his 70th birthday.
Svetotekhnika 5 no.2:30 F '59. (MIRA 12:1)
(Novikov, Viacheslav Vasil'evich, 1888-)

ZIL'BER, D.A., prof.; GURVICH, I.Ya., kand.med.nauk

Standards of artificial illumination for drugstores and drug warehouses. Apt.delo 8 no.5:8-12 S-O '59. (MIRA 13:1)

1. Iz Leningradskogo khimiko-farmatsevticheskogo instituta.
(LIGHTING) (DRUGSTORES)

ZIL'BER, D.A.

"Gigiena truda i professional'nye zabolevaniia," nos.1-6,
1957. Reviewed by D.A.Zil'ber. Gig. i san. 24 no.3:87-
89 Mr '59. (MIRA 12:5)

(INDUSTRIAL HYGIENE--PERIODICALS)

DANTSIG, N.M.; ZIL'BER, D.A.

New standards for artificial lighting. Gig. truda i prof. zab.
4 no. 7:36-38 JI '60. (MIRA 13:8)
(LIGHTING—STANDARDS)

ZIL'BER, D.A., prof.; TEMYAT'YEV, V.V., inzh.

Plenum of the lighting engineering section of the Central
Committee of the Main Administration of the Scientific and
Technical Society of the Power Industry. Svetotekhnika 9
no.10:30-31 0 '63. (MIRA 16:11)

ZIL'BER, D.A., prof.; TELYAT'YEV, V.V., inzh.

Lighting of outside show windows. Svatotekhnika 6 no. 12:13-16
D '60. (MIRA 14:1)

(Show windows--Lighting)

ZIL'BER, D.A., prof.

Some hygienic problems in planning new units and in reconstructing
operating drugstores. Apt. delo 10 no. 2:15-19 Mr-Ap '61.
(MIRA 14:4)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(DRUGSTORES---HYGIENIC ASPECTS)

ZIL'BER, D.A., prof.; TELYAT'YEV, V.V., inzh.

"Electrical lighting of stores" by D.A.Velikoretskii. Reviewed
by D.A.Zil'ber, V.V.Teliat'ev. Svetotekhnika 9 no.1:29-30
Ja '63. (MIRA 16:1)
(Electric lighting) (Stores, Retail—Lighting)
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ZILMER, D.A.

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1. Leningradsky chemickofarmaceuticky ustav.
(LIGHTING)

ZIL'BER, D.A., prof. (Leningrad)

Conference on artificial lighting for industrial buildings without windows or clerestories. Gig.i san. 26 no.1:119-120 Ja '61.

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ZIL'BER, D.A., prof.; OSTROVSKIY, M.M.

Hygienic characteristics of ways of improving working conditions in the chemical and pharmaceutical industry. Gig. i san. 26 no.2:18-23, F '61. (MIRA 14:10)

1. Iz Leningradskogo khimiko-farmatsevticheskogo instituta. (LENINGRAD--DRUG INDUSTRY--HYGIENIC ASPECTS)

GUREVICH, I.Ya.; ZIL'BER, D.A.

Working conditions and sanitary measures in the production of
galenic preparations. Trudy Len. khim.-farm. inst. no.14:
339-346 '62 (MIRA 17:2)

ZIL'BER, D.A., prof.

Hygienic requirements of artificial illumination. Gig. i san. 25
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(LIGHTING)

BOGUSLAVSKIY, Ya.M.; ZIL'BER, D.A.; KRIVITSKAYA, E.I.

"Hygiene of the general technical training of pupils" by A.IA.Gutkin.
Reviewed by IA.M.Boguslavskii, D.A.Zil'ber, E.I.Krivitskaia. Gig.
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ZIL'BER, G.A.

Brief physicogeographical description of "Little Polesye."
Nauk.zap. L'viv un. 39:94-105 '56. (MIRA 11:1)
(L'vov Province--Physical geography)

ZIL'BER, G.A.

Characteristics of the Opol'ye natural-historical region in
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(Lvov Province--Physical geography)

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of Volhynia and Podolia. Nauk. zap. L'viv. un. 40:214-230 '57.

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ZIL'BER, G.A.

Characteristics of the landscape of Lvov Province. Dop. ta pov.
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(Lvov Province--Water supply)

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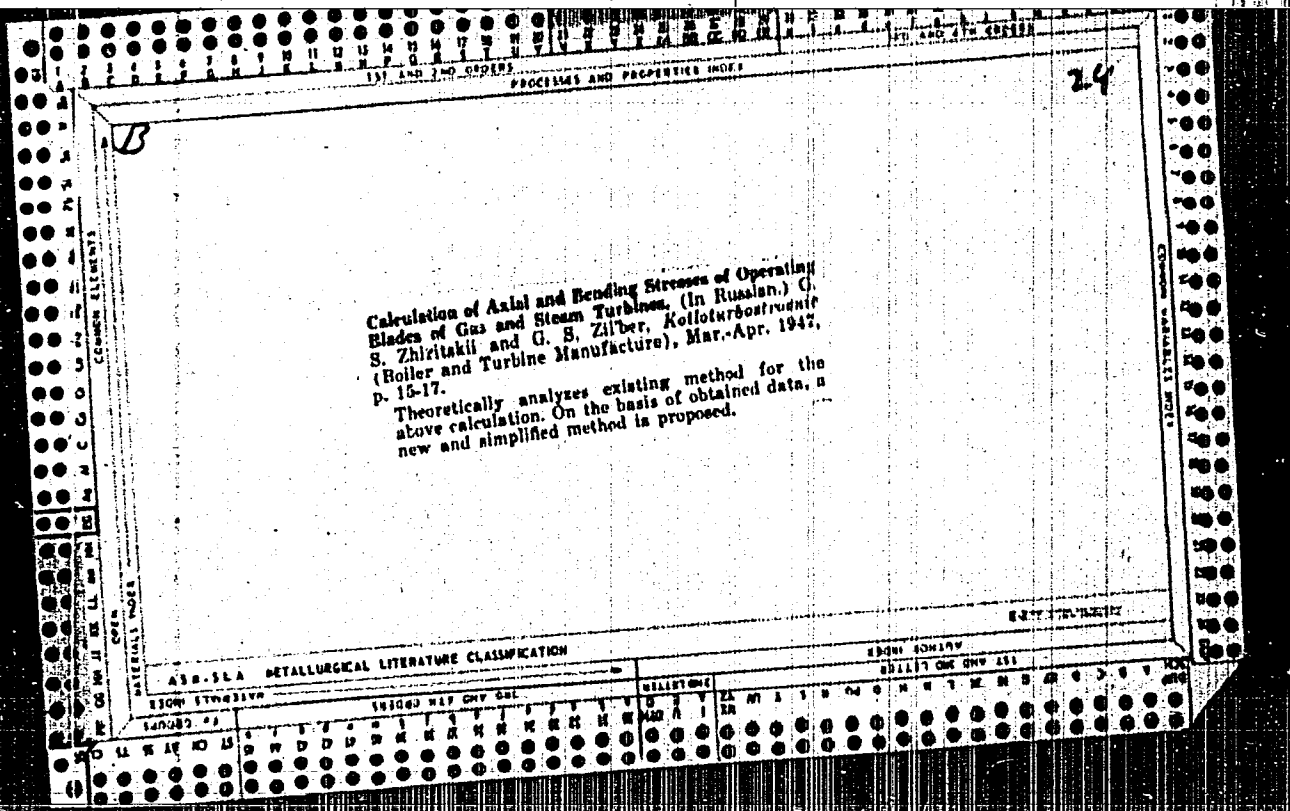
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ZIL'BERBLAT, G.S.; GOLOVANOV, N.N.

Automatic device for continuous control of the oxygen consumption
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korrespondent AMN SSSR prof. N.G. Klyuyeva) Gosudarstvennogo nauchno-
issledovatel'skogo kontrol'nogo instituta meditsinskikh biologicheskikh
preparatov im. L.A. Tarasevicha (zamestitel' direktora po nauchnoy chast'
prof. A.T. Kravchenko). Konsul'tant raboty - inzh. V.M. Eygenbrot.

ZIL'BER, L.A.

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1. Academy of Medical Sciences of the U.S.S.R., Moscow.

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adenomatous pulmonary tissue from sheep. Vop.virus. 7 no.3:
288-291 My-Je'62. (MIRA 16:8)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei,
Moskva i Kirgizskiy sel'skokhozyaystvennyy institut imeni
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(CYSTS) (TUMORS--TRANSPLANTATION)

ZIL'BER, L.A., prof., red.; VERSHILOVA, P.A., prof., red.
ZUYEV, V.A., red.

[Current problems in immunology] Aktual'nye voprosy immunologii. Moskva, Meditsina, 1964. 359 p.

(MIRA 17:9)

1. Deystvitel'nyy chlen AMN SSSR (for Zil'ber). 2. Chlen-korrespondent AMN SSSR (for Vershilova).

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Institut epidemiologii i mikrobiologii im N. F. Gamalei, Moskva.

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[Problems of infectious pathology and the experimental therapy of infections (on the 60th birthday of Professor Kh.Kh. Planel'es, Corresponding Member of the Academy of Medical Sciences of the U.S.S.R.); transactions of the Institute] Voprosy infektsionnoi patologii i eksperimental'noi terapii infektsii (k 60-letiiu so dnia rozhdenia chlena-korr. AMN SSSR prof. Kh.Kh.Planel'esa); trudy instituta. Pod obshehei red. S.N. Murontseva. Moskva, 1963. 495 p. (MIRA 17:7)

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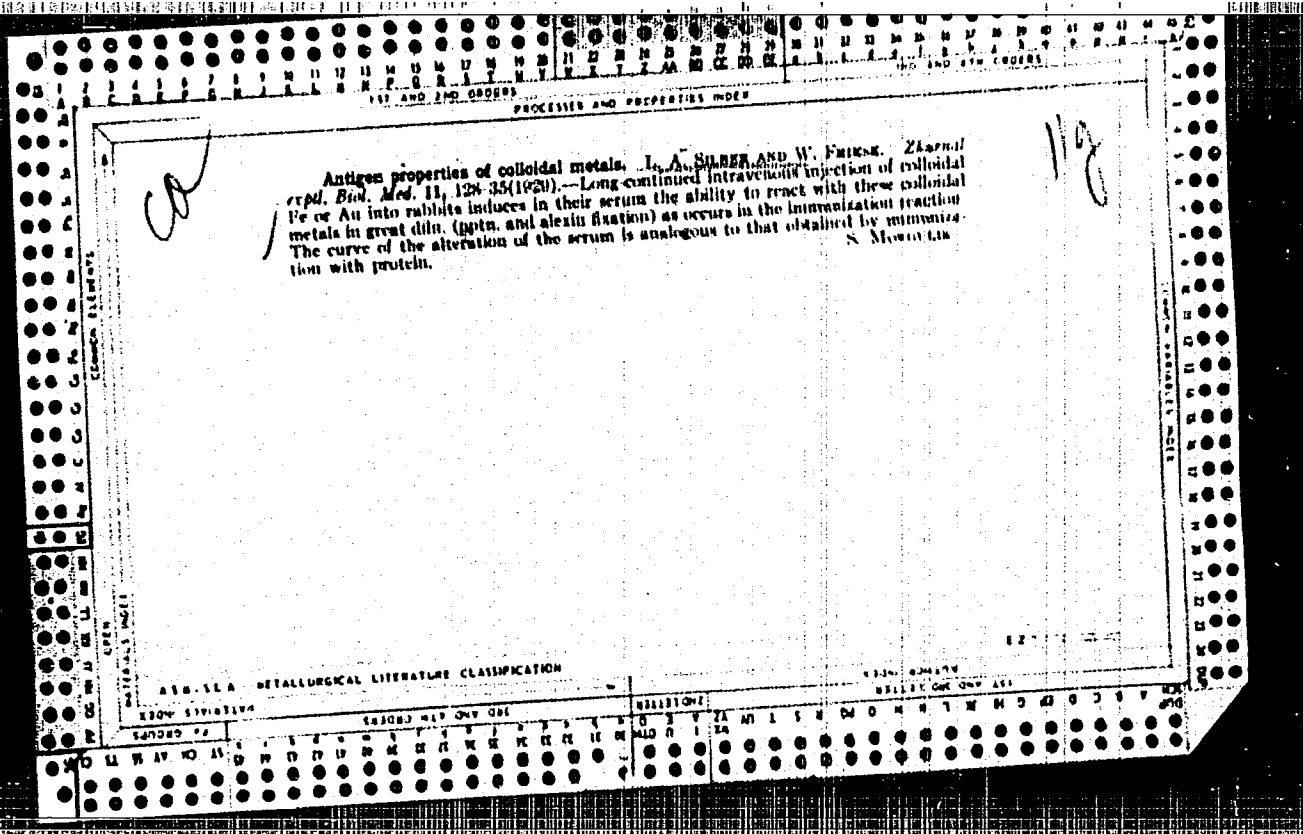
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PROCESSING AND PRESERVATION NOTES

112

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METALLURGICAL LITERATURE CLASSIFICATION

SERIALS SECTION

SERIALS SECTION

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137 AND 138 COLUMNS

PROCESSES AND PROPERTIES MOIS

WB AND FIM CODES

116

CA

Bacillary sugar vaccines. (AD Vaccines.) L. A. Zilber. *Z. Microbiol. Epidemiol. Immunitätsforsch.* (U. S. S. R.) 18, 6-23 (in German 22-3) (1935).—Vaccines of killed microorganisms after heating are less active than those of live ones, since the death of the cells leads to a denaturation of the cell proteins, which plays an active part in the immunization capacity of the vaccine. Many compds. (urea, glycerol, sucrose, BrONa, ketones, aldehydes, etc.) formerly thought to have only an anticoagulative effect, are now also shown to possess the capacity for the inhibition of the thermal denaturation of cell protein. The most satisfactory reagent is sucrose. Microorganisms heated with sucrose are less denatured than those heated without sucrose, are more potent and preserve their natural antigenic and immunization action to a greater extent. The antigenic and immunological characteristics of sugar vaccine were studied for *Sal. paratyphi* Breslau, *Eberthella typhosa*, *Salmonella paratyphi*, *Br. abortus equi* and *Pasteurella tularensis* on guinea pigs, dogs, mice and rabbits, and were found to be higher than those for normal vaccine. S. A. Karjala

COMMON ELEMENTS

MATERIALS MOIS

COMMON VARIANTS MOIS

ASS-11A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOLS

FROM NOMINAT

GROUPS

CLASSIFICATION

GROUPS

ZILBER, I. A.

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ZIL'BER, L. A.

"Nature of Malignant Tumors," ZHNEI, 3, 43-53, 4-5, 16-25, 1945

SILBER, L. A.

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by Silber, L. A.

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117 and 120 (2501)

Erythrin, a new antibiotic substance of animal origin.
 1. Preparation of erythrin and its properties. L. A. Zilber and L. M. Yabobson. *Lab. Mikrobiol. Epitsemol. Immunol.* 1946, No. 12, 3-9.—Exts. of naturally immune rat liver and spleen, frozen in liquid O₂ with NaCl solns. had a repressing action on diphtheria bacilli. Most consistent results were obtained from preps. of the blood of a variety of animals and man, which was apparently due to a substance contained in the erythrocytes, and which was named erythrin. To isolate the substance the phosphate buffer ext. of pH 7.6 was filtered through cloth, pptd. with strong HCl, the ppt. was extd. with Na₂CO₃ and the solvent was partially removed in vacuo; the residual soln. was poured into NaCl soln. to yield erythrin in the form of a dark-brown powder, sol. in EtOH, Na₂CO₃, Na₂CO₃ solns., and Na citrate, and insol. in H₂O. The best soln. for cupid studies was 0.25 g. of erythrin in 100 cc. 3.5% Na citrate, prepd. by boiling for 2-3 min. (no loss of activity observed on boiling). The dry material can be stored for months at room temp.; Na citrate solns. can be kept 5-7 days, EtOH solns. 2-3 days; 0.25% Na₂CO₃ solns. 1-3 days, phosphate buffer solns. 2-3 days. Bacteriostatic levels were (in γ per cc.): diphtheria bacteria, 15-31; *Bacillus*

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15-31; staphylococcus, 31-43; streptococcus, 31-43; cholera, some at 250; typhus bacteria, slight at 250; intestinal bacteria, slight at 250. In vivo expts. with guinea pigs showed protection against diphtheria infection (0.1 cc. of 0.25% soln.) when both were injected simultaneously; if erythrin is injected after infection, no protection is obtained; this evidently is due to its tendency to remain in situ, i.e., erythrin lacks diffusion characteristics. However, in expts. with crookkeys in which diphtheria cultures were placed on the traumatically (burn) disturbed conjunctiva, local application of dressings with erythrin led to rapid disappearance of the symptoms. Preliminary expts. were successful in sanitation of orol-nasal cavities in human cases with respect to diphtheria-carrying properties.
 G. M. Kozlovskii

ASB-516 METALLURGICAL LITERATURE CLAIMATION

8-37-57E. 12-12-57

ZIL'BER, L. A.

"Osnovy immunologii (Principles of Immunology), Medgiz, 1947

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Trudy 3-y sessii Akad Med. Nauk SSSR, Moscow, 1947, pp. 163-73

Nov 1947

USSR/Medicine - Viruses
Medicine - Immunity

Virology in the USSR, L. A. Zil'ber, Active Mem-
ber of the Academy of Medical Sciences of the USSR,
6 pp

"Zhur Mikrobiol, Epidemiol i Immunobiol" No 11

In 1935 when the Academy of Sciences of the USSR was
moved to Moscow, a new virus section was organized in
the Microbiological Institute of the Academy by the
author. This was the first virological section in
the USSR. It was later united with the newly organ-
ized department of viruses of the All-Union Institute
of Experimental Medicine. Article reviews the most

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significant work in the field of general and medical
virology, such as: the biology of viruses, the
ecologic, geographic principles in the classification
of viruses, the virus-protein complex, the mechanism
of immunity to ultraviruses, the action of immunizing
vaccines on viruses, etc.

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Apr 48

"Specific Antigen of Malignant Tumor Cells,"
L. A. Zil'ber, N. V. Nartalsov, T. L. Rivkind,
Z. I. Baydakova, Zil'ber's Lab, Acad Med Sci
USSR, Cen Inst Epidemiol and Microbiol and Prof
Tsvetitskiy's Lab, Inst of Virology, Acad Med
Sci USSR), 32 pp

"Test Ak Med Nauk SSSR" No 3

No previous attempt in isolating specific
antigens from malignant tumor cells has produced
convincing results. Authors describe own method,
whereby an antigen of the nucleoprotein type,
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absent in normal tissue, was isolated from
malignant tumor tissues of rats.

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
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