

ZHUKOV, Ye.K. (Leningrad)

Nikolai Evgen'evich Vvedenskii. Fiziol.zhur. 48 no.5:505-509 My
'62. (MIRA 15:8)

(VVEDENSKII, NIKOLAI EVGEN'EVICH, 1852-1922)

UKHTOMSKIY, Aleksey Aleseyevich (1875-1942), akademik; TEREKHOV, P.G.;
VINOGRADOV, M.I., prof., otv. red.; PROKHOROVA, M.I., prof.,
red.; AYRAPET'YANTS, E.Sh., prof., red. toma; GOLIKOV, N.V.,
prof., red. toma; VASIL'YEV, L.L., prof., ZHUKOV, Ya.K., prof.,
red.; MAKAROV, P.O., prof., red.; RUDASHEVSKIY, S.Ye., dots.,
red.; KARPOVA, L.A., red.; VODOLAGINA, S.D., tekhn.red.

[Collected works]Sobranie sochinenii. Leningrad, Izd-vo Le-
ningr. univ. Vol.6.[Public scientific speeches, scientific
and review articles and materials on the history of Soviet
and world physiology]Obshchestvenno-nauchnye vystuplenia,
nauchnye i obzornye stat'i i materialy k istorii otechestven-
noi i mirovoi fiziologii. 1962. 210 p. (MIRA 15:9)
(Ukhtomskii, Aleksey Alekseevich, 1875-1942) (Physiology)

ZHUKOV, Ye.K.

Nature of Vvedenskii's pessium. Nerv. sist. no.4:3-8 '63
(MIRA 18:1)

1. Institut evolyutsinnoy fiziologii, Leningrad.

KREPS, Ye.M., *otv. red.*; VERZHBINSKAYA, N.A., *red.*; VOSKRESENSKAYA, A.K., *red.*; ZHUKOV, Ye.K., *red.*; ZAGORUL'KO, T.M., *red.*; ITINA, N.A., *red.*; KARAMYAN, A.I., *red.*; KARMANOVA, I.G., *red.*; KONSTANTINOVA, M.S., *red.*; TITOVA, L.K., *red.*

[Evolution of the functions; physiological, biochemical and structural foundations of the evolution of the functions, Festschrift for the 80th anniversary of Academician L.A.Orbeli] *Evoliutsiia funktsii; fiziologicheskie, biokhimicheskie i strukturnye osnovy evoliutsii funktsii. Sbornik posviashchennyi 80-letiu akademika L.A.Orbeli. Moskva, Izd-vo "Nauka," 1964. 290 p. (MIRA 17:6)*

1. Akademiya nauk SSSR. Institut evolyutsionnoy fiziologii.
2. *Chlen-korrespondent AN SSSR (for KrepS).*

KARMANOVA, Ida Gavrilovna; ZHUKOV, Ye.K., prof., otv. red.;
NATAROVA, N.V., red. izd-va; SMIRNOVA, A.V., tekhn. red.

[Photogenic catalepsy; on the evolution of the physiology
and clinical aspects of central oppression of the motor
function] Fotogennaia katalepsiia; k ewoliutsii fiziologii
i klinike tsentral'nogo ugnateniia dvigatel'noi funktsii.
Moskva, Izd-vo "Nauka," 1964. 250 p. (MIRA 17:4)

*

ZHUKOV, Ye.K.

Correlation between depolarization and contraction in various skeletal muscles in mammals. Fiziol. zhur. 51 no.6:653-662
Je '65. (MIRA 18:6)

1. Institut evolyutsionnoy fiziologii i biokhimii imeni Sechenova AN SSSR, Leningrad.

ZHUKOV, Ye.K.

Some data on the evolution of the tonic properties of skeletal muscles in mammals. Fiziol. zhur. 50 no.8: 1035-1044 Ag '64. (MIRA 18:12)

1. Institut evolyutsionnoy fiziologii imeni Sechenova AN SSSR, Leningrad.

ZHUKOV, Ye. I.

Effect of adenosine triphosphate and metabolism inhibitors
on the tetanus and the contracture of skeletal muscles.
TSitologiya 7 no.4:510-520 J1-Ag '65. (MIRA 18:9)

1. Laboratoriya evolyutsii dvigatel'noy deyatel'nosti Instituta
evolyutsionnoy fiziologii i biokhimi AN SSSR, Leningrad.

KREPS, Ye.M., otv. red.; VERZHBINSKAYA, N.A., red.; VINNIKOV,
Ya.A., red.; VOSKRESENSKAYA, A.K., red.; ZHUKOV, Ye.K.,
red.; ZAGORUL'KO, T.M., red.; ITINA, N.A., red.;
KARAMYAN, A.I., red.; KARMANOVA, I.G., red.;
KONSTANTINOVA, M.S., red.; PLISETSKAYA, E.M., red.

[Functional evolution of the nervous system] Funktsio-
nal'naiia evoliutsiia nervnoi sistemy. Moskva, Nauka,
1965. 189 p. (MIRA 19:1)

1. Akademiya nauk SSSR. Institut evolyutsionnoy fizio-
logii i biokhimmii.

L 28053-66

ACC NR: AP6018171

SOURCE CODE: UR/0239/65/051/006/0653/0662

AUTHOR: Zhukov, Ye. K.

ORG: Institute of Evolutionary Physiology and Biochemistry Im. I. M. Sechenov,

AN SSSR, Leningrad (Institut evolyutsionnoy fiziologii i biokhimi AN SSSR)

TITLE: Relationship between depolarization and contraction in various skeletal muscles of mammals

SOURCE: Fiziologicheskij zhurnal SSSR, v. 51, no. 6, 1965, 653-662

TOPIC TAGS: myology, muscle physiology

ABSTRACT: The contraction of a number of skeletal muscles (diaphragm, levator scapulae dorsalis, trapezius, latissimus dorsi) of hedgehogs and cats in solutions of potassium salts was studied and related to depolarization. As indicated by the capacity for contraction, all skeletal muscles of the hedgehog had a relatively high tonicity, which did not vary from muscle to muscle, while the tonicity of muscles of the cat was lower and varied with the kind of muscle, that for m. latissimus dorsi being particularly low. The depolarization gradient was smaller for muscles with a low tonicity than those with a high tonicity. One may assume that in the course of evolution some sort of adaptation to the irritating effect of depolarization took place and

that this adaptation is presumably associated with a reduced permeability of muscle cell membranes to KCl. Orig. art. has: 5 figures and 3 tables. [JPRS]

SUB CODE: 06/ SUBM DATE: 10May64/ ORIG REF: 002 / OTH REF: 009

Card 1/1

ARZUMANYAN, A.A., akademik; BERG, A.I., akademik; ZHUKOV, Ye.M., akademik;
SEMENOV, N.N., akademik; VINOGRADOV, V.V., akademik; ~~FRANTSEV, Yu.P.~~;
SHCHERBAKOV, D.I., akademik; ANISIMOV, I.I.; GATOVSKIY, L.M.;
IOVCHUK, M.T.; FEDOSEYEV, P.N., akademik; ROMASHKIN, P.S.; KONSTANTINOV,
F.V.; MITIN, M.B., akademik; YELYUTIN, V.P.; PLOTNIKOV, K.N.;
PRUDENSKIY, G.A.; YUDIN, P.F., akademik; RYBAKOV, B.A., akademik;
KONSTANTINOV, B.P., akademik; KHVOSTOV, V.M.; KEDROV, B.M.; MARKOV,
A.A.; BAIŠHEV, S.B., akademik; ALEKSEYEV, M.N., prof.; SKAZKIN, S.D.,
akademik; ALEKSANDROV, A.D.; POSPELOV, P.N., akademik

Discussion of L.F. Il'ichev's report. Vest. AN SSSR 32 no.12:19-50
D '62. (MIRA 15:12)

1. Chleny-korrespondenty AN SSSR (for Aleksandrov, Frantsev,
Anisimov, Gatovskiy, Iovchuk, Romashkin, Konstantinov, Yelyutin,
Plotnikov, Prudenskiy, Khvostov, Kedrov, Markov). 2. AN Kazakhskoy
SSR (for Baishev).

(Research)

ZHUKOV, Ye. M.

I
100.1
.432

VSEMIERNAYA ISTORIYA (WORLD HISTORY) GLAV. RED. MOSKVA, GOSPOLITIZDAT, 1955- v.
ILLUS., MAPS. ADDED T. P. LIB. HAS: v. 1
v. 2

ZHUKOV, Ye.M.

Scientific problems and principles of the book "World history";
the occasion of publication of volume 1. Vest.AN SSSR 26 no.5:
38-42 My '56. (MLRA 9:8)

1. Chlen-korrespondent AN SSSR.
(Historiography)

KONSTANTINOV, B.P.; DEBORIN, A.M., akademik; PEYVE, Ya.V.; IOFFE, A.F.,
akademik; MIKHAYLOV, A.I., prof.; SATPAYEV, K.I., akademik;
ZHUKOV, Ye.M., akademik; LAVRENT'YEV, M.A., akademik; SEMENOV, N.N.,
akademik; PAVLOVSKIY, Ye.N., akademik; MINTS, I.I., akademik;
SISAKYAN, N.M.; ROMASHKIN, P.S.; FEDOROV, Ye.K.; STECHKIN, B.S.,
akademik; MYSKIY, I.M., akademik; PAVLOV, Todor, akademik;
ARBUZOV, A.Ye., akademik; VASIL'YEV, N.V., doktor ekon.nauk;
BELOUSOV, V.V.; MITIN, M.B., akademik; BLAGONRAVOV, A.A., akademik;
KANTOROVICH, L.V.; RYBAKOV, B.A., akademik; NEMCHINOV, V.S., akademik
Discussion of the address. Vest. AN SSSR 29 no.4:34-63 Ap '59.
(MIRA 12:5)

1.Chlen-korrespondent AN SSSR (for Konstantinov, Peyve, Sisakyan,
Romashkin, Fedorov, Belousov, Kantorovich).
(Science)

L 57797-65 EPR/EPA(s)-2/EWA(h)/EWT(2)/EWT(1)/EWT(m)/EPA(bb)-011: YAKM: 00/2
WP(F) Pa-4/Pt-7/Pz-6/Peb TT/AT

ACCESSION NR: AP5016779

UR/0286/65/000/010/0106/0106
621.83
629.13.01/06

54
53

AUTHOR: Abramovich, R. B.; Arinushkin, L. S.; Belyayev, Yu. V.; Qantman, A. M. P.
Golodovskiy, A. Ye.; Zaslavkiy, G. M.; Zhukov, Ye. P.; Mayzenberg, I. M.

TITLE: Aircraft turbodrive. Class 47, No. 171234

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 106

TOPIC TAGS: aircraft turbodrive, constant rpm generator, torus drive, gear train

ABSTRACT: An Author Certificate has been issued for an aircraft turbodrive unit for the air-turbine starting of engines and for driving a constant-rpm a-c generator. The unit contains an air turbine, an a-c generator, a starter and generator gear train, and an unguided free-wheeling clutch. For increased economy and reliability, to decrease weight, and to shorten starting time, the unit is equipped with a twin torus drive in the form of two driver torus disks mounted on a drive shaft and two driven torus disks mounted on a fixed shaft and separated by a thrust bearing. The unit is also equipped with intermediate rollers which are automatically rotated by

Card 1/3

L 57795-65

ACCESSION NR: AP5016779

a control device; these provide interaction between the driver and the driven torus disks in transmitting rotation from the engine to the constant-rpm generator through a differential control mechanism and the generator gear train (see Fig. 1 of the Enclosure). Orig. art. has: 1 figure. [LB]

ASSOCIATION: Organizatsiya gosudarstvennogo komiteta po aviatsionnoy tekhnike SSSR (Organization of the State Committee on Aviation Technology, SSSR)

SUBMITTED: 05May64

ENCL: 01

SUB CODE: AC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4041

Card 2/3

BUGLAY, B.M.; ZHUKOV, Ye.V.; GUDOVICH, V.A.; RODIONOVA, V.K.

TSNIIWOD-54 carbomide prime coating for transparent wood finishes.
Der.prom. 5 no.5:3-6 My '56. (MLBA 9:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.
(Wood finishing) (Urea)

ZHUKOV, Ye. V., Cand Tech Sci - (diss) "Investigation of process of grinding of wood." Moscow, 1960. 22 pp with graphs; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Forest Technology Institute); 125 copies; price not given; (KL, 19-60, 133)

ZHUKOV, YE. V.

Dissertation: "Endoparasitic Worms of Fish in the Sea of Japan and the Kurile Shallows."
Cand Biol Sci, Inst of Zoology, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk,
Moscow, Jun 54)

SO: SUM 318, 23 Dec 1954

BYKHOVSKAYA-PAVLOVSKAYA, I.Ye.; ZHUKOV, Ye.V.

Systematics of genera Apharyngostrigea Ciurea, 1927 and Parastrigea
Svidat, 1928 (Trematoda, Strigeidae). Trudy Zool.inst. 13:163-170 '53.
(MIRA 7:5)

(Trematoda)

ZHUKOV, Ye.V.

Data on the parasites of predatory birds. Parazit. ser. 16:264-279
156. (MIRA 9:7)

1. Zoologicheskiy institut Akademii nauk SSSR.
(Parasites--Birds) (Birds of prey)

ZHUKOV, Ya. V.

New genera and species of digenetic trematodes parasitic on fishes of the Far Eastern seas [with summary in English]. Zool. zhur. 36 no.6:840-846 Je '57. (MLRA 10:8)

1. Zoologicheskiy institut AN SSSR.
(Putyatin Island--Trematoda) (Shikotan Island--Trematoda)
(Parasites--Fishes)

ZHUKOV, Ye.V.; STRELKOV, Yu.A.

Parasites of fishes in the Far Eastern seas. Trudy sov.Ikht.
kom. no.9:188-191 '59. (MIRA 13:5)

1. Zoologicheskii institut Akademii nauk SSSR.
(Soviet Far East--Parasites)
(Parasites--Fishes)

ZHUKOV, E. V.

"Trichodina Fauna and Monogenetic Flukes in Fish of the Chukchee Peninsula."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Zoological Institute, USSR Academy of Sciences, (Leningrad)

LINDBERG, G.U.; SHCHEDRINA, Z.G.; DOGEL', V.A.; RESHETNYAK, V.V.; STRELKOV, A.A.; KOLTUN, V.M.; NAUMOV, D.V.; IVANOV, A.V.; BYKHOVSKIY, B.Ye. ZHUKOV, Ye.V.; PERGAMENT, T.S.; KOROTEKOVICH, V.S.; USHAKOV, P.V.; KLYUGE, G.A.; ANDROSOVA, Ye.I.; GOSTILOVSKAYA, M.G.; BRODSKIY, K.A.; GUSEV, A.V.; TARASOV, N.I.; GUR'YANOVA, Ye.F.; VAGIN, V.L.; LOMAKINA, N.B.; BULYCHEVA, A.I.; KOPYAKOVA, Z.I.; LOZINO-LOZINSKIY, L.K.; YAKOVLEVA, A.M.; GALKIN, Yu.I.; SKARIATO, O.A.; AKIMUSHKIN, I.I.; D'YAKONOV, A.M.; BARANOVA, Z.I.; SAVEL'YEVA, T.S.; SKALKIN, V.A.

List of the fauna of marine waters of southern Sakhalin and southern Kuriles. Issl.dal'nevost.mor.SSSR no.6:173-256 '59.
(MIRA 13:3)

1. Zoologicheskiy institut AN SSSR.
(Sakhalin--Marine fauna)
(Kurile Islands--Marine fauna)

ZHUKOV, Ye.V.

Endoparasitic worms from fishes of the Sea of Japan and the shallows
off the southern Kurile Islands. Trudy Zool. inst. 28:3-146 '60.

(MIRA 13:12)

(Japan, Sea of--Worms, Intestinal and parasitic)

(Okhotsk, Sea of--Worms, Intestinal and parasitic)

(Parasites--Fishes)

ZHUKOV, Ye. V.

Parasite fauna of fishes of the Chukchi Peninsula. Report
No. 1: Monogenetic trematodes parasitic in marine and fresh-
water fishes. Paraz. zbor. 19:308-332 '60.

(MIRA 13:8)

1. Zoologicheskii institut Akademii nauk SSSR.
(Chukchi Peninsula--Trematoda)
(Parasites--Fishes)

ZNUKOV, Yo.V.

Parasitic fauna of fishes of the Chukchi Peninsula. Report No.3:
Protozoa of sea and freshwater fishes; general conclusions. Paraz.
sbor. 22:224-262 '64. (MIRA 18:2)

1. Zoologicheskij institut AN SSSR.

ZHUKOV, Ye.V.

Parasites of fishes of the Chukchi Peninsula. Report No.2: Endo-
parasitic worms of marine and freshwater fishes. Paraz. sbor. 21:
96-139 '63. (MIRA 17:4)

1. Zoologicheskii institut AN SSSR.

BOGIN, Lev Minayevich; ZHUKOV, Yuriy Vladimirovich; KUZNETSOV, A.T.,
red.; TURETSKIY, Sh. Ia., red.; GLAZUNOVA, V.V., red.;
BABICHEVA, V.V., tekhn.red.

[Retail furniture prices] Roznichnye tseny na mebel'. Pod
red.A.T.Kuznetsova i Sh.IA. Turetskogo. Moskva, Gos.isd-vo
torg.lit-ry, 1960. 71 p. (MIRA 13:4)
(Furniture--Prices)

KIMRYAKOV, N.A.; KORSHUN, L.L.; ZHUKOV, Ye.V.

Finishing round tables with nitro varnishes by coating with hot
TK-11. Der. prom. 8 no.8:18-20 Ag '59. (MIRA 12:12)
(Varnish and varnishing) (Furniture industry)

17(15)

AUTHORS:

Gusev, A. V., Zhukov, Ye. V., Strelkov, Yu. A. SOV/20-125-5-60/61

TITLE:

On the Degree of Infestation of Mintay (Theragra Chalcogramma Pal.)
With Parasites and Its Use in Fishery (O zarazhennosti mintaya
parazitami i yego promyslovom ispol'zovanii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 5, pp 1174-1176
(USSR)

ABSTRACT:

The natural sources should be opened up to the highest possible extent and an abundant supply of food should be established. Theragra chalcogramma belongs to the hitherto not sufficiently known fish species of the Far East. Many fish species of better taste occur in the Far East, and the afore-said species is, moreover, not liked because of its infestation by parasites. This infestation renders the fish species unappetizing for the consumer and leads to misunderstandings and to the fact that the fish finds no sale. The authors tried to answer the following questions: 1) Is flesh of Theragra chalcogramma infected with parasitic worms?; if this is the case, how far? 2) Are among the parasites of Theragra chalcogramma any species which are harmful to man? 3) Which investigations are to be carried out in order to decide definitely

Card 1/3

On the Degree of Infestation of Mintay (Theragra Chalcogramma SOV/20-125-5-60/61
Pal.) With Parasites and Its Use in Fishery

the problem of the use of Theragra chalcogramma? - Table 1 shows the results of the sections in 1951-55 in the region of the zaliv Petra Velikogo (Petr Velikiy Bay), Avachinskaya bukhta (Avachinskaya Bay), Kamchatskiy zaliv (Kamohatka Bay), and Kronotskiy Bay. None of the known parasites of Theragra chalcogramma is harmful to man. There is no reason for disqualifying entire catches or fishery regions because of infestation of the flesh. Careful sanitary control, the elimination of highly infected fish, furthermore, the removal of infected intestines may easily eliminate parasites in fish for sale. The working process is to be chosen according to the kind of infestation (salting, freezing, hashing, etc.). In order to find out the best time and the best regions for catch, investigations of the age- and seasonal dynamics of parasites have to be carried out. There is assumed that the frequently voiced alarming news from the (Soviet) Far East are not fully justified. It is 1 table.

ASSOCIATION: Zoologicheskiy institut Akademii nauk SSSR (Zoological Institute of the Academy of Sciences, USSR)

Card 2/3

ZHUKOV, Ye.V.

Blackfish. Priroda 47 no.10:118 0 '58. (MIRA 11:11)

1. Zoologicheskii institut AN SSSR (Leningrad).
(Blackfish)

AUTHOR: Zhukov, Ye.V. SOV-26-58-10-40/51

TITLE: The Blackfish (Chernaya ryba)

PERIODICAL: Priroda, 1958, Nr 10, pp 118 (USSR)

ABSTRACT: Some data are given on the habitat, biology, food, etc. of the blackfish (*Dallia pectoralis* Bean), based on specimens caught by the author in the rivers and lakes of the Chukotskiy Peninsula. There is 1 photo and 2 references, 1 of which is Soviet and 1 American.

ASSOCIATION: Zoologicheskii institut Akademii nauk SSSR, Leningrad
(Zoological Institute of the USSR Academy of Sciences,
Leningrad)

1. Fishes--USSR

Card 1/1

Жуков, Ye. V.

USSR /Chemical Technology. Chemical Products
and Their Application

I-26

Lacquers. Paints. Drying oils. Siccatives.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32591

Author : Buglay B.M., Zhukov Ye. V., Gudovich V.A.,
Rodionova V.K.

Title : Carbamide Primer TsNIIMOD-54 for Transparent
Wood Finishes

Orig Pub: Derevoobrabat. prom-st', 1956, No 5, 3-6

Abstract: The base of the composition is synthetic cold-
polymerization carbamide-formaldehyde MF-17
resin of thermoreactive type. The nitrolacquers
have shown a good adhesion to the wood surface
impregnated with this resin. To increase the

Card 1/3

USSR /Chemical Technology. Chemical Products
and Their Application

I-26

Lacquers. Paints. Drying oils. Siccatives.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32591

plasticity and enhance a number of properties the MF-17 resin is plasticized with hydroxyterpene resin (VTU 628-55), or with rosin and drying oil. A graphic method has been developed for the determination of the amount hardening agent necessary to impart to the primer the required useful life, using as a basis the useful life of MF-17 resin. The primer dries on the wood surface within 1.5-2 hours at 18-20°, within 20-30 minutes at 45-50°. The composition of the primer can include 8-10% mineral filler, and it can be colored with water-soluble acid dyes. The coverage is of 60-80 g/m² when applied by

Card 2/3

USSR /Chemical Technology. Chemical Products
and Their Application

I-26

Lacquers. Paints. Drying oils. Siccatives.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32591

hand and of 80-100 g/m² when applied by spray-
ing. Use of the primer in transparent finishing
of wood reduces the expenditure of lacquers and
varnishes and improves the quality of the finish.

Card 3/3

ZHUKOV, YU

France - Reservoirs

Obliteration of the village of Tigne. Ogonek 30 No. 41, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

ZHUKOV, YURII

ZHUKOV, IURII. Russkie i Iaponia; zabytye stranitsy iz istorii russkikh
puteshestvii. Moskva, Izd-vo Glavsevmorputi, 1945. 157 p. DIC: Unclass.

ICU IU InU MI NN NNC NJF OCl

SO: LC, Soviet Geography, Part I, 1951, Uncl.

YERSHOV, L.; ZHUKOV, Yu.

Textbooks for the course on the economics of Soviet trade
("The nature of Soviet trade. System and organization of
the planning of Soviet trade. Retail turnover and its planning"
by F. Ia. Oblovatskii. "Prices on consumers' goods in the
U. S.S.R." by A. G. Kulikov, N.A.Smotrina. Reviewed by L:
Ershov and IU.Zhukov). Sov. torg. 33 no.5:32-34 My '60. (MIRA 13:11)

1. Tekhnikum sovetskoy torgovli, g.Kursk.
(Russia--Commerce) (Prices)
(Smotrina, N.A.) (Oblovatskii, F.IA.) (Kulikov, A.G.)

GORCHAKOV, Aleksandr Danilovich; ZHUKOV, Yuriy Afanas'yevich;
KOSHELEV, Leonid Ivanovich; ROSSAL, Nikolay Antonovich;
KHOMKO, Arkadiy Antonovich

[Simplest shelters for protection from weapons of mass
destruction] Prosteishie ukrytiia dlia zashchity ot oru-
zhiia massovogo porazheniia. Moskva, Stroiizdat, 1964. 97 p.
(MIRA 17:10)

YATSIMIRSKIY, K.B.; ZHUKOV, Yu.A.

Kinetics of the oxidation of iodide with hydrogen peroxide in the presence of thorium salts. Radiokhimiya 3 no.4:466-472 '61.

(MIRA 14:7)

(Thorium compounds) (Iodides) (Hydrogen peroxide)

YATSIMIRSKIY, K.B.; ZHUKOV, Yu.A.

Study of oxalate complexes of thorium by the kinetic method. Zhur. neorg.
khim. 7 no.7:1583-1588 J1 '62. (MIRA 16:3)
(Thorium oxalate)

YATSIMIRSKIY, K.B.; ZHUKOV, Yu.A.

Kinetic method of studying the reactions of complex formation
by displacement of equilibrium. Zhur.neorg.khim. 7 no.12:2807-
2809 D '62. (MIRA 16:2)

(Complex compounds)

(Chemical equilibrium)

YATSIMIRSKIY, K.B.; ZHUKOV, Yu.A.

Complex formation of thorium with anions of organic acids in
solutions. Zhur.neorg.khim. 8 no.2:295-301 F '63. (MIRA 16:5)
(Thorium compounds) (Acids, Organic)

ACC NR: AP6025651

(A)

SOURCE CODE: UR/0413/66/000/013/0101/0102

INVENTOR: Zhukov, Yu. A.; Maminov, Ye. K.; Yanushis, Yu. P.; Pavlov, V. P.

ORG: None

TITLE: A device for testing footwear under dynamic conditions. Class 42, No. 183467
[announced by the Military Academy of Rear Lines and Transportation (Voyennaya akademiya tyla i transporta)]

SOURCE: Izobretaniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 101-102

TOPIC TAGS: footgear, test stand, wear resistance

ABSTRACT: This Author's Certificate introduces: 1. A device for testing footwear under dynamic conditions. The unit consists of a movable last for the specimens of footgear to be tested, an attachment for controlling the pressure on the last, a drive with crankshaft, connecting rods and cam mechanism, removable abrasive surfaces and registration equipment. The machine components are mounted on a stand. The installation is designed for comprehensive testing of a number of properties of footgear, e. g. water resistance, sole durability and thermal insulation properties. The device is equipped with a platform which is driven with a reciprocating motion synchronized with that of the last. The abrasive surface or medium which interacts with

Card 1/2

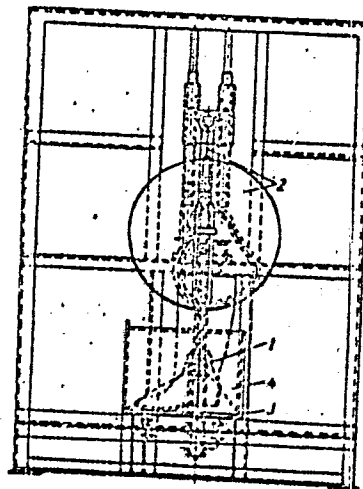
UDC: 620.16:685.31

ACC NR: AP6025651

the footwear is located on this platform. 2. A modification of this device designed for testing performance characteristics both separately and in combination. Relay units are used for reciprocal connection of the starting and registration devices.

1--last; 2--drive;
3--abrasive surface;
4--platform

SUB CODE: 13, 15/ SUBM DATE: 10Mar65



Card 2/2

ZHUKOV, Yu.K.; POLYAKOV, Yu.N.

Urgent problems of capital construction. Zhel. dor. transp. 47 no.8:
59-62 Ag '65. (MIRA 18:9)

1. Nachal'nik otдела kapital'nogo stroitel'stva Moskovskoy dorogi (for Zhukov).
2. Glavnyy inzh. otдела kapital'nogo stroitel'stva Moskovskoy dorogi (for Polyakov).

L 24506-66 EWT(d)/EWT(1)/EWP(h)/EWP(1)/EWA(h)/ETC(m)-6 HW

ACC NR: AP6007689

SOURCE CODE: UR/0413/66/000/503/0559/0559

AUTHOR: Kulakov, M. V.; Zhukov, M. P.

ORG: none

TITLE: Method of measuring the flow rate of electroconductive fluids.
Class 42, No. 178512 14 9M

SOURCE: Izobreteniya, promyshlennyye obraztzy, tovarnyye znaki,
no. 3, 1966, 69

TOPIC TAGS: flow meter, flow ionization, electroconductive fluid,
flow rate

ABSTRACT: An Author Certificate has been issued describing a method for measuring the flow rate of electroconductive fluids by flow ionization. To extend measurement limits, the flow is passed through a conductometric cell, and measurements are made of the impedance of the flow. This varies depending on changes in the capacity of the double layer of ions formed near the electrode and in the capillary and on changes in the mobility of ions during the passage of the liquid through the capillary. The above changes represent the flow rate measurement.

[LD]

SUB CODE: 13/
Card 1/1 BLG

SUBM DATE: 15Jun64/
UDC: 681.121.8

2

L 39539-66 EWT(d)/EWT(l)/EWP(h)/EWP(l)/EWA(h)/ETC(m)-6 WW/GD

ACC NR: AP6007690

SOURCE CODE: UR/0413/66/000/003/0069/0069

AUTHOR: Kulakov, M. V.; Zhukov, Yu. P.

19
B

ORG: none

TITLE: Device for measuring the flow rate of electroconductive fluids. Class 42,
No. 178513

14 gm

SOURCE: Izobreteniya, promyshlennyye obratzys, tovarnyye znaki, no. 3, 1966, 69

TOPIC TAGS: flow meter, electroconductive liquid, flow measurement, flow rate

ABSTRACT: An Author Certificate has been issued for a device for measuring the flow rate of electroconductive fluids equipped with a differential sensor, a balance amplifier, and a microammeter. To extend the measurement limits toward the low end, the sensor is designed in the form of two conductometric cells, one of which contains a stationary liquid and the other the liquid passing through it. Each cell consists of two containers, each with an electrode. The containers are connected by a capillary. [LD]

SUB CODE: 13/ SUBM DATE: 15Jun64/

Card 1/1 vmb

UDC: 681.121.8

2

ZHUKOV, Yu. P., pomoshchnik мастера

With the assistance of a factory's efficiency promoters.
Tekst. prom. 23 no.3:52-53 Mr '63. (MIRA 16:4)

1. Kalininskaya pryadil'no-tkatskaya fabrika imeni Vagzhanova.

(Efficiency, Industrial) (Looms)

ZHUKOV, A.I.; MARKOVA, V.M.; ZHUKOV, Yu.P.

Sorption of pyridine by the resins KU-1 and KU-2 in the
H-form. Zhur. prikl. khim. 37 no.2:300-304 F '64.

1. Ural'skiy politekhnicheskii institut imeni Kirova.

ZHUKOV, Yu. P., BORDOYUKOV, M. P., SHELIAGIN, I. N. and LOBANOV, A. N.

"Aerophototopography," Moscow, 1947.

BABSKIY, Ye.B., akademik; SORIN, A.M.; BELOUSOV, A.S.; ZHUKOV, Yu.S.;
DIMANIS, V.I.

Radiotelemetric investigation of temperature in the digestive tract
of man. Dokl. AN SSSR 149 no.5:1213-1216 Ap '63. (MIRA 16:5)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR i
Terapevticheskaya klinika Tsentral'nogo instituta usovershenstvo-
vaniya vrachey. 2. AN UkrSSR (for Babakiy).

(ALIMENTARY CANAL)

(BODY TEMPERATURE)

(TELEMETER (PHYSIOLOGICAL APPARATUS))

ZHUKOV, Yu.V.; KNAUF, V.I.

Stratigraphy of ancient formations in the eastern part of the
northern Tien Shan. Mat. po geol. Tian'-Shania no.3:25-34 '62.
(MIRA 16:7)

(Tien Shan—Geology, Stratigraphic)

ZHUKOV-VEREZHIKOV, M. (Moskva)

Microbe as a biological model. Nauka i zhyttia 12 no.9:23-24
S '62. (MIRA 16:1)

1. Deystvital'nyy chlen AMN SSSR.
(MICROBIOLOGY) (GENETICS)

ZHUKOV, Yu.; OSTROUKH, F.

Quite reliable protection. Voen. znan. 40 no.12:22-23 D '62
(MIRA 18:1)

BLAMER, S.G.; ZHUKOV, Yu.S.; SUD, I.I.

Comparison of power characteristics of asynchronous and synchronous electric drives of drilling winches. Elektrichestvo no.8:30-32 Ag '65. (MIRA 18:9)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti.

ZHUKOV, Yu.V.

Basic trends in the improvement of wholesale prices for textile
fabrics. Tekst.prom. 25 no.2326-30 F '65.

(MIRA 18:4)

1. Nachal'nik podotdela tsen na promyshlennyye tovary Byuro tsen
pri Gosplane SSSR.

ZHUKOV-VEREZHNIKOV, N.N.; RYBAKOV, N.I.; KOZLOV, V.A.; SAKSONOV, P.P.;
DOEROV, N.N.; ANTIPOV, V.V.; PODOPLELOV, I.I.; PARFENOV, G.P.

Summary of microbiological and cytochemical studies on "Vostok"
spaceships. Probl. kosm. biol. 4:261-269 '65. (MIRA 18:9)

ZHUKOV-VEREZHNIKOV, N.N.; VOLKOV, M.N.; RYBAKOV, N.I.; SAKSONOV, P.P.;
KOZLOV, V.A.; KONSTANTINOV, P.A.; ANTIPOV, V.V.; DOEROV, N.N.;
ANISKIN, Ye.D.

New ways of studying chemical protection against genetic changes.
Probl. kosm. biol. 4:445-450 '65. (MIRA 18:9)

ZHUKOV-VEREZHIKOV, N. N.

"The Schwartzmann Phenomenon and The Nervous System," Vestnik mikrobiol.,
epidemiol. i parazitolog., XV, 3-4, 1936

ZHUKOV-VSEZHNITKOV, N. N.

"Contribution to the Question of the Nature and Significance of Bacteriophage.
Significance of d'Herelle's Phenomenon for the Study of Bacterial Biology," Zhurnal
mikrobiol. i immunol., XVII, 4, 571-580, 1936

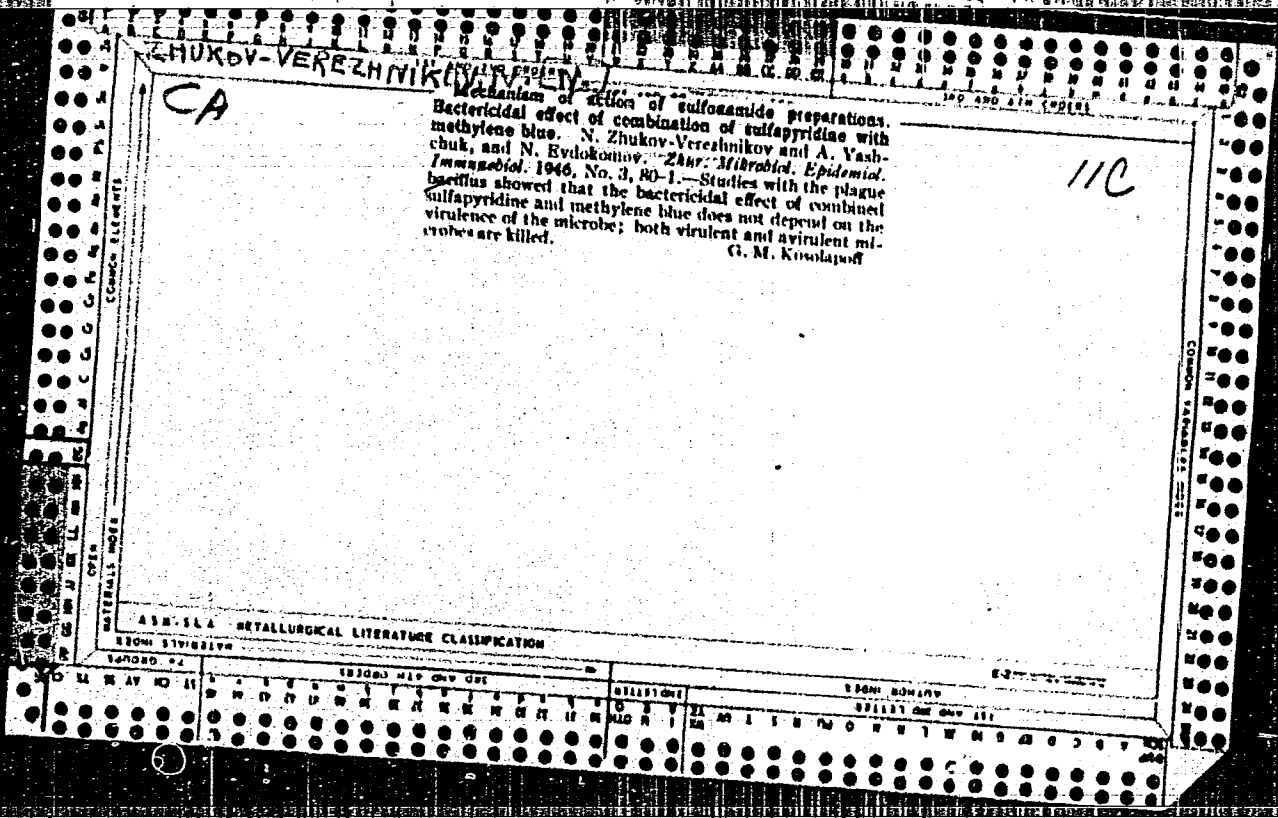
ZHUKOV-VEREZHNITSKY, N. N.

"Immunologiya chuma (Immunology of Plague), Medgiz, Moscow, 1940

ZHUKOV-VEREZHIKOV, N. N.

"Ilya Ilich Mechnikov and the Biological Basis of Immunology" (page 99) by Zhukov-Verezhiikov
M. N. (Saratov)

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii), Vol. 13, 1944, No. 1



USSR/Medicine - Plague
Medicine - Epidemiology

36760

Nov 1947

Three Decades of Work of Soviet Scientists in the Study of Plague," Prof N. N. Zhukov-Verzhnikov, Corresponding Member of the Academy of Medical Sciences of the USSR, State Scientific Research Institute of Microbiology and Epidemiology, Southeastern USSR "Mikrob," Ministry of Health, USSR, 5 1/2 pp

"Zhur Mikrobiol, Epidemiol i Immunobiol" No 11

In 1918 the Soviet government transferred the small antiplague laboratory from Fort Aleksandr to Saratov where it was developed into a major scientific research institute and given the name "Mikrob." For

IC

USSR/Medicine - Plague (Contd)

36760

Nov 1947

the first 20 years, the attention of the institute was given to the microbiology of plague, on which the problem of prevention and treatment depended. This work is briefly summarized.

36760

ZHUKOV-VERZHNIVKOV, N. N., Prof

"Antigens of the Organs and Tissues of Man and Animals," in the book: 5-ya Sessiya
AMN SSSR (Fifth Session, AMN USSR), Moscow, 1948

ZHUKOV-VEREZHNIKOV N. N.

April 40

USSR/Medicine - Biology
Medicine - Heredity, Mechanism

"The Doctrine of Michurin and Lysenko and Other Contemporary Medicobiological Problems,"
L. A. Kalinichenko, N. N. Zhukov-Verezhnikov, 12 3/4 pp

"Vest Ak Med Nauk SSSR" No 4

Outlines basic precepts of Michurin-Lysenko doctrine. Praises work of various scientists whose work conforms with these precepts. Censures A. S. Kriviskiy, Ravich-Birgers, Alikhanya (see HLT59) and others. Weissmann-Morgan influence can be especially harmful when applied to cancer research. Criticizes work of Ye. A. Finkel'shteyn and M. N. Petrov.

PA 21/49T87

VEREZHNIKOV, N. N.

PA 25/49T72

USSR/Medicine -- Literature, Medical Oct 48
Medicine -- Biology

"Biological Problems in Medical Science," Prof
N. N. Zhukov-Verezhnikov, L. A. Kalinichenko,
Inst Epidemiol and Microbiol, Acad Sci USSR, 5 pp.

"Sov Med" No 10 *in Samboya*

Based on recent speech made by Lysenko. Urges
that many of the capitalistic tendencies in
medicine be replaced by pure Lenin and Marx
ideologies.

25/49T72

ZHUKOV-VEREZHNIKOV, N. N. and GUSEVA, G.

"On the Normal Antibodies of the Human Being", Zhur Mikrobiol, Epidemiol, i Immunobiol, No. 5, pp 33, 1950.

ZHUKOV-VEREZHNIKOV, N. N., PROF.

P. 192T76

USSR/Medicine - Contagious Diseases Mar 50

"XXIV. Immunology of Plague," Prof N. N. Zhukov-Vereshnikov, Act Med, Acad Med Sci USSR, Prof I. N. Mayevskiy

"Klin Med" Vol XXVIII, No 3, pp 9-14

States that since 1945 primary pulmonary plague became a curable disease due to the application of the "complex" /combination/ method of treatment developed by Zhukov-Vereshnikov, Ivanovskiy, Fedayeva, and Urods. Describes clinical work in connection with plague epidemic in the Far East,

192T76

USSR/Medicine - Contagious Diseases Mar 50
(Contd)

mentioning Chinese patients. Lists number of monographs on which the "complex" method is based and describes some new results, but does not give detailed information on method. Complete bibliography of all prior communications by this group on the subject appended. /Cf. "XXVI. Immunology of Plague," N. K. Zav'yalova, Per Abs 188T68.7

192T76

ZHUKOV-VEREZHNIKOV, N. [N.]

On Noncellular Forms of Life and the Development
of Cells. By N. Zhukov-Verezhnikov, I. Maisky
and L. Kalinchenko

Soviet Source: Bolshevik, No. 16, published
in September, 1950, pp 40-51

Current Digest of the Soviet Press (in
CIA Library), Vol. 2, No. 37, 1950, p. 4.

ZHUKOV-VEREZNIKOV, N. N.

USSR/Academy of Sciences - Bacteriolo- Jan/Feb 52
gists
Medicine - Infectious Diseases

I. P. Pavlov's Theory of the Causes of Diseases and
Experimental Therapy on the Basis of Microbiology
and Immunology, N. N. Zhukov-Vereznikov, Moscow

"Zhur Vyssh Nery Degat" Vol II, No 1, pp 9-19

Elaborating on the Pavlov theory of microbes as
factors of infectious and/or contagious diseases,
the author advances his theory (supported by expts)
of the use of antibiotics and chem therapy as

222195

auxiliary factors to the defensive properties of
an organism utilizing its conditional reflexes and
full capacities of the central nervous system in
overthrowing the disease.

222195

ZHURKOV-VEREZHNİKOV, N.N.

Therapeutics, Experimental

I. P. Pavlov's theory of pathogenesis and of experimental therapy as a basis for microbiology and immunology; Zhur. vys. nerv. deiat. 2 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED.

ZHUKOV-VEREZHNIKOV N.N.

GAMALEYA, Nikolay Fedorovich; TIMAKOV, V.D., redakter; MILENUSHKIN, Yu.I.,
zamestitel' redaktera; ZHUKOV-VEREZHNIKOV, N.N.; YEMOL'YEVA, E.V.;
TROITSKIY, V.L.; ROGOZIN, I.I.; GRACHEVA, N.F., sekretar'.

[Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii
meditsinskikh nauk SSSR. Vol 5. 1953. 290 p. (MIRA 7:5)
(Gamaleia, Nikolai Fedorovich, 1859-1949)

Zhukov-Verezhnikov, N.N.

ZHDANOV, V.M., redaktor; BEKLEMISHEV, V.N., redaktor; BILIBIN, A.P.,
redaktor; VYGODCHIKOV, G.V., redaktor; DOBROKHOTOVA, A.I.,
redaktor; ZHUKOV-VEREZHNIKOV, N.N., redaktor; ZDRODOVSKIY, A.I.,
redaktor; KASHKIN, P.N., redaktor; KRICHEVSKIY, A.M., redaktor;
PAVLOVSKIY, A.H., redaktor; POD'YAPOL'SKAYA, V.P., redaktor;
POPOV, I.S., redaktor; RUDNEV, G.P., redaktor; SKRYABIN, K.I., redak-
tor TIMAKOV, V.D., redaktor; BUMIN, K.V., redaktor; ZAKSTEL'SKAYA,
L.Ya., redaktor; SACHEVA, A.I., tekhnicheskiy redaktor

[Contagious diseases in man; academic reference book] Zaraznye
bolezni cheloveka; akademicheskii spravochnik. Moskva, Gos.izd-
vo meditsinskoi lit-ry, 1955. 681 p.
(MIRA 9:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow.
(CONTAGION AND CONTAGIOUS DISEASES)

USSR/Microbiology. General Microbiology

F

Abs Jour : Ref Zhur-Biol., No .3, 1958, 57435

Author : Zhukov-Vareshnikov N. N., Mayskiy I. N. Kalini-
chenko L. A.

Inst : Not given

Title : More on the Problems of the Specie and Specie
Variability in Microbiology (On the Discussion
of the Problem of Specie Variability)

Orig Pub : Uspekhi sovrem. biologii, 1955, 39, No2, 245-252

Abstract : Previously published experimental data on the
variability of microbes overstepping the bounds
of the specie are cited. In the author's opinion
the facts obtained in these works confirm the
theory of specie formation of T. D. Lysenko. On
the basis of the immunological investigations
conducted by the author and coworkers N. V.

Card 1/2

USSR/Microbiology. General Microbiology

F

Abs Jour : Ref Zhur-Biol, No 13, 1958, 57435

Abstract : Turbin's premise of the impossibility of the origin within the body of one specie of animals, of "body cells" of another specie is criticized.
Bibliography--23 titles.

Card 2/2

ZHUKOV-VEREZHNIKOV, N.H.; MYSKIY, I.H.; KALINICHENKO, L.A. (Moskva.)

Further considerations on species and species formation in microbiology; discussion on the problem of species formation. *Usp. sovr. biol.* 39 no.2:245-257; Mar-Apr '55. (MLRA 8:7)

(MICROBIOLOGY,
species form.)

*no transl. in FDD
as of June 1957*

MAYSKIY, I.N., professor, redaktor; ZHUKOV-VNREZNIKOV, N.N., redaktor;
GOSTEV, V.S., redaktor; VORONTSOVA, M.A., redaktor; KOSYAKOV, P.H.,
redaktor; KOLINICHENKO, L.A., redaktor; SAGHKOV, V.I., redaktor;
ZAKHAROVA, A.I., tekhnicheskii redaktor

[Problems of the immunology of normal and malignant tissue] Voprosy
immunologii normal'nykh i zlokachestvennykh tkanei. Pod obshchei
red. I.N.Maiskogo. Moskva, Gos. izd-vo med. lit-ry, 1956. 294 p.
(MIRA 9:10)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut eksperimental'-
noi biologii.

(IMMUNITY)

ZHUKOV-VEREZHNIKOV, N. N.

GAMALEYA, Nikolay Fedorovich, akademik; YERMOL'YEVA, Z.V., redaktor;
MILENUSHKIN, Yu.I., redaktor; ROGOZIN, I.I. redaktor; TIMAKOV,
V.D., redaktor; ZHUKOV-VEREZHNIKOV, N.N., redaktor; YERMOL'YEVA,
Z.V., redaktor; TROITSKIY, V.L., redaktor; GRACHEVA, N.P., redak-
tor; ROMANOVA, Z.A., tekhnicheskij redaktor.

[Collection of works] Sbranie sochinenii. Red.kollegiia V.D.Ti-
makov i dr. Moskva, Gos.isd-vo med.lit-ry. Vol.1 (Red.Z.V.Yermol'-
eva, Yu.I.Milenushkin, I.I. Rogozin). 1956. 422 p.

(MIRA 10-6)

(ANTHRAX) (INSANITY) (CHOLERA, ASIATIC) . .

VEREZHNIKOV, N. N.

"Immunological Incompatibility of Tissues of Homografts," by
N. N. Zhukov-Verezhnikov, M. M. Kapichnikov, P. M. Chepov, and
Ye A. Zotikov, Division of Immunology (head, Prof N. N. Zhukov-
Verezhnikov, Active Member, Academy of Medical Sciences USSR),
Institute of Experimental Biology, Academy of Medical Sciences
USSR (director, Prof I. N. Mayskiy), Eksperimental'naya Khirur-
giya, No 6, Nov/Dec 56, pp 55,62

The authors discuss the factors and the mechanism involved in the immunological incompatibility of tissues in homografts and possible means of preventing this type of tissue incompatibility. The authors' conclusions are based on a review of Soviet and Western literature. (U)

Sum. 1371

SHUKOV-YEREZHNIKOV, N.N.

Living vaccines. Nauka i zhizn' 23 no.8:5-9 Ag '56. (MIRA 9:9)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(VACCINES)

ZHUKOV-VEREZHNİKOV, N.N.

The role of bacteria in plant nutrition. Nauka i zhizn' 23 no.8:9
Ag '56. (MLRA 9:9)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, Sergeyeva, O.
(~~Plant Nutrition~~) (~~Soil Bacteriology~~)

Zhukov-Verezhnikov, N.N.

USSR / General Biology. Evolution

B-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 357

Author : Zhukov-Verezhnikov, N.N.

Inst : Not Given

Title : The Significance of Microbiological Data in Developing the Theory of Evolution

Orig Pub : Vopr. filosofii, 1957, No 2, 117-127

Abstract : Examples are cited of an experimental conversion of one species of micro-organism into another (a plague into a pseudotubercular one, intestinal bacterium into a paratyphoid bacterium). Identification of bacterial species is given. It is acknowledged that the organism's leading characteristics are adapted beforehand to the external conditions which cause the changes. The author limits the activity of natural selection to the adaptation to relatively changed characteristics. An admittedly secondary species formation behaves like a newly formed species.

Card : 1/1

ZHUKOV-VEREZHNIKOV, N.N.; KAPICHNIKOV, M.M.; CHEPOV, P.M.; ZOTIKOV, Ye.A.

Immunological incompatibility of tissue in homoplastic transplantation. Eksper.khir. 2 no.2:55-62 Mr-Ap '57.

(MIRA 12:8)

1. Iz otdela immunologii (zav. -deystvitel'nyy chlen AMN SSSR prof.N.N.Zhukov-Vereshnikov) Instituta eksperimental'noy biologii AMN SSSR (dir. -prof.I.N.Mayskiy).

(SKIN TRANSPLANTATION

homoplastic, immunol. incompatibility of tissue, (Rus))

ZHUKOV-VEREZHIKOV, N.N.; LENSKAYA, G.N.

Forty years of work of Soviet scientists on the problems of plague.
Zhur.mikrobiol.epid. i immun. 28 no.11:84-91 N '57. (MIRA 11:3)
(PLAGUE,
research in Russia (Rus)

USSR/Microbiology - Antibiosis and Symbiosis. Anti- F-2
biotics.

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81424

Author : Zhukov-Verezhnikov, N.N., Pekhov, A.P.

Inst : -

Title : The Nature and Significance of Bacteriophage.
Report X. Characteristics of Symbiotic Effect
of Sarcina, Using Stop-Motion Microcinematography.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiologii,
1957, No. 5, 14-16

Abstract: The mechanism of sarcina symbiotic action on
visible bacterial forms was studied by observ-
ing during their lifetime individual cell ele-
ments of sarcina and E. coli in joint cultiva-
tion on a solid nutrient medium. Methods

Card 1/2

USSR / Virology. Bacterial Viruses (Phages).

E-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90544

Author : Zhukov-Verezhnikov, N. N.; Pekhov, A. P.

Inst : Not given

Title : On the Nature and Significance of Bacteriophagia. Report
XI. On the Theory of Bacteriophagia in the Light of New
Experimental Data.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1957, No. 12, 76-81

Abstract : A critical survey. In the opinion of the authors, the data
of the last few years on the mechanism of lysogeny, induc-
tion, the introduction of phage into the bacterial cell, the
results of isotopic research, the phenomena of transduction "have
considerably weakened the position of the parasitic theory
of bacteriophagia and have contributed a series of arguments
in favor of an endobacterial point of view". The authors
surmise that one of the factors in nature which induce phage
formation may be the action of symbiotic microbes. The bi-
bliography contains 50 titles.

Card 1/1

ZHUKOV-VEREZHIKOV, H.H., PEKHOV, A.P., LYSOGOROV, N.V. (Moscow)

Biological and physicochemical laws of heredity. Usp.sovr.biol.
45 no.2:234-245 Mr-Apr '58 (MIRA 11:6)
(HEREDITY,
biol. & physico-chem.laws, review (Rus))

ZHUKOV-VEREZHIKOV, M. A.

"Biological principles of the teaching on ailments."

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

17(3)

SSN/25-59-0-5/48

AUTHOR: Zhukov-Verezhnikov, N.N., Member of the AMS USSR
and Lysogorov, N.V., Candidate of Biological Sciences

TITLE: Microorganisms and Heredity

PERIODICAL: Nauka i zhizn', 1959, No 8, pp 9-14. (USSR)

ABSTRACT: The editors refer to issue 1 of this journal for 1959 where an article on "The Heredity of Man" by Candidate of Biological Sciences, A. Emme, was published. Upon careful study of the article, the Board of the Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy (All-Union Society for the Dissemination of Political and Scientific Knowledge), in conjunction with the section of biological sciences, disagreed with A. Emme's viewpoint. For this reason, a series of articles will be published presenting this important problem correctly. This is the first part of this series and deals with the role of desoxyribonucleic acid (DNA), a basic compound of a chromosome, in heredity, and in particular with the

Card 1/2

SOV/25-59-8-5/48

Microorganisms and Heredity

"mechanism" of hereditary transmission. In this connection, the authors refer to experiments carried out by L.M. Kozlov, who proved that DNA of phagenic particles, which developed after the destruction of the bacterial cell, differ from the DNA which appeared during the activity of bacteriophage. In the present article, nearly exclusively based on foreign research, the authors try to refute Weismann's and Morgan's conception, especially the thesis of the autogenesis of molecules, by promoting Michurin's ideas. There is 1 diagram and 1 photograph.

Card 2/2

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SOV/25-59-9-7/49

AUTHORS: Zhukov-Berezhnikov, N.N., Member of the AMS USSR,
Lysogorov, N.V., Candidate of Biological Sciences

TITLE: Micro-organisms and Heredity

PERIODICAL: Nauka i zhizn', 1959, Nr 9, pp 21 - 23 (USSR)

ABSTRACT: This is the end of an article published in Nr 8 of this journal. In the section "dissociation" the authors refer to American and English specialists, in particular to Dr. Brown in whose opinion a dissociation is equal to a series of mutational changes. The authors contradict this assumption, as dissociable phenomena embrace many traits whereas in most cases mutation concerns single traits. In 1887, the Russian scientist M.G. Kossyakov and later on I.V. Michurin proved the adaption of bacteria to toxins. Recently, Professor A.A. Imshenetskiy stated also that bacteria may be adapted practically to all substances being harmful to them. In this connection, the authors refer to Everi who discovered the bacterial trans-

Card 1/2

ZHUKOV-VEREZHNIKOV, N.N.

ZHUKOV-VEREZHNIKOV, N.N., prof.; ZAV'YALOVA, N.K., kand.med.nauk

The immunology of plague. Report No.27: Results and prospects of treatment of primary pulmonary plague. Klin.med. 37 no.12:33-37 D '59. (MIRA 13:4)

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(PLAGUE)
(LUNGS)

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TITLE: The results of the first microbiological and
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TEXT: The authors report the results of their investigations
of biological objects which had been exposed to space conditions
in satellite vehicles. The first part of the work was devoted
to a study of the survival of cells of differing levels of
organisation under the influence of radiation and other
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