

HEYNGARD, L.V.; GORITSKAYA, V.V.; ZABUD'KO-HEYNGARD, T.N.

Causes of ineffectiveness of the barrier method of hexachlorocyclohexane treatment of buildings in certain rafting points. Med.paraz.i paraz.bol. no.3:237-238 My-Je '53. (MLRA 6:8)

1. Dnepropetrovskiy gosudarstvennyy universitet.  
(Malarial fever--Prevention)

GORITSKAYA, V.V.; UDOVITSKAYA, Ye.F.; SIMONENKO, E.N.; CHERNOMORDIK, A.B.

Data on intestinal parasitic fauna in children of the nursery age;  
preliminary communication. Zhur.mikrobiol.epid. i immun. 27 no.12:  
58-60 D '56. (MLRA 10:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny.

(PARASITIC DISEASES, in infant and child,  
intestinal (Rus))

(GASTROINTESTINAL DISEASES, in infant and child,  
parasitic (Rus))

*Goritskaya, V.V.*

GORITSKAYA, V.V.

Infestation of Dnieper fish by metacercaria of *Opisthorichis felineus*.  
Med.paraz. i paraz.bol.supplement to no.1:65 '57. : (MIRA 11:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny.

(DNIEPER RIVER--LIVER FLUKE)

(PARASITES--FISHES)

USSR/Zooparasitology - Mites and Insects as Disease Vectors. G.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67568

Author : Reyngard, L.V., Goritskaya, V.V., Zabud'ko-Reyngard, T.N.

Inst : -

Title : The Effect of Complete Treatment of Buildings with DDT Preparation, Cutting Down Bottom Forest, and Meteorological Factors on Variations in the Numbers of Blood-Sucking Mosquitoes in the Kakhovskiy Hydroelectric Center Region.

Orig Pub : Zool. zh., 1957, 36, No 3, 421-424.

Abstract : When the buildings of a village located in the Nikopol'skiye bottom land region (zone of the future Kakhovskiy Reservoir) were treated in 1952-1954, the number and age composition of the *Anopheles maculipennis* population declined sharply. In 1953 their number in the settlement increased due to a heavy inundation and the incomplete treatment of all the houses in the village. In 1954, when the forest in the bottom land had been completely destroyed,

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USSR/Zooparasitology - Mites and Insects as Disease Vectors. G.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616220002-2"

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67568

the number of anopheles in the treated village again declined sharply resulting from a drought and the consequent drying up of many water bodies and the vegetation around them. When the forests had been cleared and hollow places eliminated from the zone, *A. plumbeus*, *Aedes* (*O.*) *pulchritarsis*, *Ae.* (*F.*) *geniculatus* disappeared completely, and the numbers of several other species were reduced (*Ae. vexans*, *Ae. behningi*, *Culex pipiens*, and others). The appearance of *A. hyrcanus* was noted. -- I.Ya. Markovich.

Card 2/2

GROMOV, A.S., prof., doktor med.nauk, otv.red.; KOPITSKAYA, Z.A., dotsent, red.; GORITSKAYA, V.V., dotsent, red.; KARAKASH, R.I., nauchnyy sotrudnik, red.; BADADEV, D.A., tekhn.red.

[Problems in the immunology, microbiology, and epidemiology of intestinal infections] Voprosy immunologii, mikrobiologii i epidemiologii kishhechnykh infektsii. Dnepropetrovsk, 1959.  
256 p. (MIRA 14:2)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii i gigiyeny im. N.F.Gamaleya. 2. Direktor Dnepropetrovskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny im. N.F.Gamaleya (for Gromov).  
(INTESTINES---DISEASES)

GORITSKAYA, V.V.

Some problems of epidemiology of lambliasis. Trudy Ukr. resp.  
nauch. ob-va paraz. no.2:29-33 '63 (MIRA 17:3)

GORITSKIY, A.V.

POMKOLZIN, P.S., kandidat tekhnicheskikh nauk; POPOV, A.A., inzhener;  
FRESHMAN, I.B., inzhener; DANCHICH, V.V., inzhener; SEMIZ, M.D.,  
otvetstvennyy redaktor; GORITSKIY, A.V., redaktor; SHPAK, Ye.G.,  
tekhnicheskiy redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy re-  
daktor.

[Blasthole drill] Instrument dlia burenia shpurov. Moskva, Ugle-  
tekhizdat, 1953. 163 p. (MLRA 7:8)  
(Boring machinery)

GORITSKIY, A.V.

DOEROVOL'SKIY, N.L., redaktor; GORITSKIY A.V., redaktor; ALADOVA, Ye.I.,  
tekhnicheskii redaktor.

[Over-all mechanization of separate building processes] Kompleks-  
naya mekhanizatsiya otchel'nykh protsessov stroitel'nogo proiz-  
vodstva. Moskva, Ugletekhizdat, 1953. 167 p. (MLRA 7:8)

1. Russia(1923- U.S.S.R.) Ministerstvo ugol'noy promyshlen-  
nosti. Glavnoye upravleniye kapital'nogo stroitel'stva.  
(Building)



SMIRNOV, L.V.; GORITSKIY, A.V., redaktor; SAVIN, M.M., redaktor;  
KOROVENKOVA, E.A., tekhnicheskii redaktor.

[Loading rock while driving vertical mine shafts] Pogruska  
porody pri prokhodke vertikal'nykh stvolov shakht. Moskva,  
Ugletekhnizdat, 1955. 48 p. (MLRA 9:4)  
(Coal mines and mining)

ONISHENKO, Yuliy Antonovich; GORITSKIY, A.V., otvetstvennyy redaktor;  
SMIRNOV, L.V., redaktor izdatel'stva; NADNINSKAYA, A.A., tekhnicheskiiy redaktor

[Loading of rock in horizontal mining] Pogruzka porody pri provedenii  
gorizontal'nykh gornyykh vyrabotok. Moskva, Ugletekhnizdat, 1956. 59 p.  
(Mining engineering) (MIRA 9:7)

GABRIYEVLOV, Khachatur Bogdanovich; GORITSKIY, A.V., otvetstvennyy redaktor;  
SAVIN, M.M., redaktor izdatel'stva; KOROVENKOVA, Z.A., tekhnicheskii  
redaktor

[Speedy driving of horizontal and inclined tunnels in the Karaganda  
Coal Basin] Skorostnoe provedenie gorizonta'l'nykh i naklonnykh  
gornyykh vyrabotok v Karagandinskom ugol'nom basseine. Moskva,  
Ugletekhizdat, 1956. 66 p. (MIRA 10:1)  
(Karaganda Basin--Coal mines and mining)

GORITSKIY, A.V., otvetstvennyy redaktor; SMIRNOV, L.V., redaktor izdatel'stva; MOROVENKOVA, Z.A., tekhnicheskiy redaktor

[Studies on mining] Issledovaniia po shakhtnomu stroitel'stvu.  
Moskva, Ugletekhnizdat, 1956. 265 p. (MLRA 10:4)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.  
(Mining engineering)

ГОРЬКО, А.И.

SURMILO, G.V., red.; POKROVSKIY, N.M., red.; GORITSKIY, A.V., red.;  
SHESTOV, B.S., red.; KRASOVSKIY, I.P., red. izdatel'stva; SAVIK, M.M.,  
red. izdatel'stva; ALADOVA, Ye.I., tekhn. red.

[Coal mine construction work in the U.S.S.R.; on the 40th anniversary  
of the Great October Socialist Revolution] Stroitel'stvo predpriatii  
ugol'noi promyshlennosti SSSR; k 40 letiu Velikoi Oktiabr'skoi  
sotsialisticheskoi revoliutsii. Moskva, Gos. nauchno-tekhn. izd-vo  
lit-ry po ugol'noi promyshl., 1957. 478 p. (MIRA 10:12)  
(Coal mines and mining)

*SECRET*

GORBACHEVA, Anna Ivanovna, GORITSKIY, Aleksandr Vasil'yevich; KOZBENKO,  
Yuriy Nikolayevich; PTOVSKIY, P.A., otvetstvennyy red.; ZVORYKINA,  
L.N., red.izd-va; SABITOV, A., tekhn.red.

[Experience in drifting with a heading machine] Opyt provedeniia  
shtrakov prokhodcheskimi shchitami. Moskva, Uglotekhnizdat, 1958.  
57 p. (MIRA 11:6)

(Coal mines and mining)

TRUFAY, Nikolay Grigor'yevich, prof., doktor tekhn. nauk; GORITSKIY, A.V.,  
otvetstvennyy red.; ZVORYKINA, L.N., red. izd-va; LOMILINA, L.N.,  
tekhn. red.

[Special methods for working mines] Provedenie gornykh vyrabotok  
spetsial'nymi sposobami. Moskva, Ugletekhizdat, 1958. 319 p.  
(Mining engineering) (MIRA 11:10)

GONITSKIY, I.V.

ANDROS, I.P., inzh.; ASSONOV, V.A., kand. tekhn. nauk.; BERNSTEYN, S.A., inzh.; BOKII, B.V., prof.; BROVMAN, Ya.V., inzh.; BONDARENKO, A.P., inzh.; BUCHNEV, V.K., kand. tekhn. nauk.; VEBESKUNOV, G.P., kand. tekhn. nauk.; VOLKOV, A.F., inzh.; GELBSKUL, M.N., kand. tekhn. nauk.; GORODNICHYEV, V.M., inzh.; DEMENT'YEV, A.Ye., inzh.; DOKUCHAYEV, M.M., inzh.; DUBNOV, L.V., kand. tekhn. nauk.; YEPIFANTSEV, Ya.K., kand. tekhn. nauk.; YERASHKO, I.S., inzh.; ZHEDANOV, S.A., kand. tekhn. nauk.; ZIL'BERBROD, A.F., inzh.; ZINCHENKO, E.M., inzh.; ZORI, A.S., inzh.; KAPLAN, L.B., inzh.; KATSAUROV, I.N., dots.; KITAYSKIY, B.V., inzh.; KRAVTSOV, Ye.P., inzh.; KRIVOROG, S.A., inzh.; KRINITSKIY, L.M., kand. tekhn. nauk.; LITVIN, A.Z., inzh.; MALEVICH, N.A., kand. tekhn. nauk.; MAN'KOVSKIY, G.I., doktor tekhn. nauk.; MATKOVSKIY, A.L., inzh.; MINDELI, E.O., kand. tekhn. nauk.; NAZAROV, P.P., kand. tekhn. nauk.; NASONOV, I.D., kand. tekhn. nauk.; NEYYENBURG, V.Ye., kand. tekhn. nauk.; POKROVSKIY, G.I., prof., doktor tekhn. nauk.; PROYAVKIN, E.T., kand. tekhn. nauk.; ROZENBAUM, inzh.; ROSSI, B.D., kand. tekhn. nauk.; SEMEVSKIY, V.N., doktor tekhn. nauk.; SKIRGELLO, O.B., inzh.; SUKHUT, A.A., inzh.; SUKHANOV, A.F., prof., doktor tekhn. nauk.; TARANOV, P.Ya., kand. tekhn. nauk.; TCKAROVSKIY, D.I., inzh.; TRUPAK, N.G., prof., doktor tekhn. nauk.; FEDOROV, S.A., prof., doktor tekhn. nauk.; FEDYUKIN, V.A., inzh.; KHOKHLOVKIN, D.M., inzh.; KHRABROV, N.I., kand. tekhn. nauk.; CHEKAREV, V.A., inzh.; CHERNAVKIN, N.N., inzh.; SHREYBER, B.P., kand. tekhn. nauk.; EPOV, B.A., kand. tekhn. nauk.; YAKUSHIN, N.P., kand. tekhn. nauk.; YANCHUR, A.M., inzh.; YAKHONTOV, A.D., inzh.; POKROVSKIY, N.M., otvetstvennyy red.; KAPLUN, Ya.G. [досад], red.; MONIN, G.I., red.; SAVITSKIY, V.T.,

(Continued on next card)



ANDROS, I.P.---(continued) Card 2.

red.; SANOVICH, P.O., red.; YOLOVICH, M.Z., inzh., red.; GORITSKIY,  
A.V., inzh., red.; POLUYANOV, V.A., inzh., red.; PADEYEV, B.I.,  
inzh., red.; CHECHKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L.,  
tekhn. red.; NADEINSKAYA, A.A., tekhn. red.

[Mining; an encyclopaedic handbook] Gornoe delo; entsiklopedicheskiy  
spravochnik, Glav. red. A.M. Terpigorev. Moskva, Gos. nauchno-  
tekhnicheskoe izd-vo lit-ry po ugol'noi promyshl. Vol. 4 [Mining  
and timbering] Provedenie i krepleniye gornykh vyrabotok. Red-  
kollegiya toma: N.M. Pokrovskii... 1958. 464 p. (MIRA 11:7)

(Mine timbering) (Mining engineering)

GORITSKIY, S.G., kandidat tekhnicheskikh nauk.

Effect of rotary forces of Coriolis inertia on the process of re-  
winding yarn. Tekst.prom. 17 no.2:30-33 F '57. (MLRA 10:2)  
(Spinning) (Mechanics)

GORITSKIY, S.G.

GORITSKIY, S.G., kandidat tekhnicheskikh nauk, dotsent.

Second edition of a book on new weaving techniques and technology.  
("New techniques and technology in weaving" by A.V. Kuligina.  
Reviewed by S.G. Goritskii). Tekst. prom. 17 no.7:65 J1 '57.  
(MIRA 10:9)

1. Ivanovskiy tekhnologicheskii institut.  
(Weaving) (Looms) (Kuligina, A.V.)

GORDEYEV, Vasilii Aleksandrovich, prof.; VOLKOV, Pavel Vasil'yevich,  
dotsent; MARKOV, N.F., retsenzent; BLYUER, V.A., retsenzent;  
GORITSKIY, S.G., retsenzent; KULIGIN, A.V., retsenzent; SEGAL',  
N.M., red.; MEDVEDEV, L.Ya., tekhn.red.

[Weaving] Tkachestvo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry  
po legkoi promyshl., 1958. 550 p. (MIRA 12:3)  
(Weaving)

GORITSKIY, S.G. kand. tekhn. nauk, dots.

Ways of shortening the process of preparing yarn for weaving.

Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.1:113-121 '58.  
(MIRA 11:5)

1. Ivanovskiy tekstil'nyy institut.  
(Yarn)

GORITSKIY, S.G.

Simplification of the warping technology. Izv.vys.ucheb.zav.;  
tekh.tekst.prom. no.6:86-90 '59. (MIRA 13:4)

1. Ivanovskiy tekstil'nyy institut.  
(Weaving) (Warping machines)

GORITSKIY, S.G., kand. tekhn. nauk

New book on looms ("Automatic AT-100-2 and ATK-100 looms" by  
A.V. Kuligin. Tekst. prom. 19 no.9:84 S '59. (MIRA 12:12)  
(Looms) (Kuligin, A.V.)

GORITSKIY, S.G., kand.tekhn.nauk

Increasing the speed of cotton yarn rewinding. Tekst.  
prom. 20 no. 12:18-22 D '60. (MIRA 13:12)  
(Winding machines)



GORITSKIY, Sergey Gennad'yevich; GLEBOV, D.V., retsenzent; SIMAKIN, V.V.,  
retsenzent; SIDOROV, Yu.P., spets. red.; SOKOLOVA, V.Ye., red.;  
SHVETSOV, S.V., tekhn. red.

[Basic problems in the development of the technology and equipment of  
cotton weaving] Osnovnye problemy razvitiia tekhniki i tekhnologii  
tkatskogo khlopchatobumazhnogo proizvodstva. Moskva, Izd-vo nauchno-  
tekhn. lit-ry RSFSR, 1961. 121 p. (MIRA 14:11)  
(Cotton weaving)

GORITSKIY, S.G., kand.tekhn.nauk; AGAPOVA, N.P., kand.tekhn.nauk

Once more about the design of the creel and intermittent warping.  
Tekst.prom. 22 no.2:44-46 F '62. (MIRA 15:3)

1. Zaveduyushchiy kafedroy tkachestva Ivanovskogo tekstil'nogo  
instituta (for Goritskiy). 2. Rukovoditel' laboratorii tkachestva  
TSentral'nogo nauchno-issledovatel'skogo instituta shelkovoy  
promyshlennosti (for Agapova).  
(Weaving)

GORITSKIY, S.G.

Possibility of increasing the size of bobbins in the rewinding and warping of cotton yarn. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1: 89-97 '62. (MIRA 15:3)

1. Ivanovskiy tekstil'nyy institut im. M.V.Frunze.  
(Textile machinery)

GORITSKIY, S.G.

New theory of weaves. Izv.vys.ucheb.zav.; tekhn.tekstil.prom.  
no.2:164-167 '63. (MIRA 16:6)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.  
(Weaving--Standards)

GORITSKIY, S.G., kand.tekhn.nauk, dotsent

Increasing the speed and reducing the breakage of warp cotton  
yarn in rewinding. Tekst.prom. 23 no.8:52-55 Ag '63.

(MIRA 16:9)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.  
(Winding machines)

GORITSKIY, S.G., kand.tekhn.nauk

Forming of bobbins with an increased volume on the M-150 winding machine and processing of such bobbins on S-140 warping machines.  
Tekst.prom. 25 no.1:42-43 Ja '65. (MIRA 18:4)

1. Zaveduyushchiy kafedroy tkachestva Ivanovskogo tekstil'nogo instituta imeni M.F.Frunze.

GORITSKIY, S.G.

Classification of nonwoven materials. Izv. vys. ucheb. zav.;  
tekh. teks. prom. no.6:148-151 '65. (MIRA 19:1)

1. Ivanovskiy tekstil'nyy institut imeni M.V. Frunze. Submitted  
October 1, 1965.

GORITSKIY, V.S.

Theoretical and experimental study of the separation and lap joint forming process on the GD-12-1 combing machine. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.6:69-80 '60. (MIRA 14:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti.  
(Combing machines)



GORITSKIY, V.S., inzh.; SAMOYLOV, I.A., inzh.; SUCHKOV, D.P., inzh.

Device for measuring the load volume on the pressing  
rollers of spinning machines. Tekst.prom. 20 no.5:  
28-30 My '60. (MIRA 13:8)  
(Spinning machinery)

GORITSKIY, V.S.

Theoretic and experimental study of separation and piecing-up processes in the G-4 combing machine. Izv.vys.ucheb.zav.; tekhn. tekst.prom. no.3:64-76 '61. (MIRA 14:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti. (Combing machines)

GORITSKIY, V.S., kand.tekhn.nauk, starshiy nauchnyy sotrudnik

Instruments for measuring the load on the pressure rollers of roving and drawing machines. Tekst.prom. 22 no.11:36-38 N '62. (MIRA 15:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopchato-bumazhnoy promyshlennosti (TSNIIKhBI).  
(Spinning machinery--Testing)

GORITSKIY, V.S., kand.tekhn.nauk, starshiy nauchnyy sotrudnik

"Machinery for the combing operations of cotton spinning mills" by A.V. Goncharov. Reviewed by V.S. Goritskii.  
Tekst.prom. 23 no.1:90-91 Ja '63. (MIRA 16:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti (TSNII). (Combing machines)  
(Cotton manufacture) (Goncharov, A.V.)

GORITSKIY, V.S., kand.tekhn.nauk, nauchnyy sotrudnik

Magnetic press rollers of the drawing mechanism of roving machines. Tekst.prom. 23 no.8:37-39 Ag '63. (MIRA 16:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti.

(Spinning machinery)

GORITSKIY, V.A.; ASTASHEV, V.A.

Technological testing of the Rumanian centrifugal spinning  
machine for cotton. Nauch.-iss. trudy TSNIKHBI za 1962  
g. 47-56 '64. (MLPA 18:8)

GORITSYUTE, L.A. (Leningrad, 3, Bol'shoy pr., d.46, kv.30)

Transplantation of adenomatous tumors of the lung in mice [with summary in English]. Vop.onk. 4 no.1:39-48 '58. (MIRA 11:4)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M.Shabad) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I.Serebrov)

(LUNG NEOPLASMS, experimental,  
adenoma, transpl. in mice (Rus))  
(NEOPLASMS, experimental,  
adenoma, pulm., transpl. (Rus))

PALIUSCINSKAJA, N.; KRUKOVSKAJA, I.; GORIUNOVA, N.

Observations on the course of labor in patients with rheumatic heart disease. Sveik. apsaug. 8 no.11:17-22 '63.

1. Respublikine Vilniaus' klinine ligonine. Vyr. gydytojas - V. Zygas, reumatologijos skyriaus vedeja - G. Stasiulionyte, akuserijos-ginekologijos skyriaus vedejas - A. Striupas.

(LABOR) (RHEUMATIC HEART DISEASE)  
(PREGNANCY COMPL., CARDIOVASCULAR)



PALIUSCINSKAJA, N.; PTASEKAS, R.; KRUKOVSKAJA, I.; GORIUNOVA, N.

Clinico-anatomical analysis of mortality of pregnant women with rheumatic heart disease. Sveik. Apsaug. no.4:10-14 '64.

1. Lietuvos respublikine Vilniaus klinine ligonine (Vyr. gydytojas - V. Zygas). TSRS MMA Lietuvos eksperimentines medicinos institutas. (Direktore - E. Karosiene).

GORIUNOVA, S.V. [Goryunova, S.V.]; RJANOVA, G.N. [Rzhanova, G.N.];  
OVSEANNIKOVA, M.N. [Ovsyannikova, M.N.]; ORLEANSKI, V.K.  
[Orleanskiy, V.K.]; KABANOV, V.V.

Importance of synchronous cultures in the biological study of  
Chlorella algae and their practical utilization. *Analele biol* 17  
no.5:69-86 Ag '63.

GORIYENKO, I.I.; SOBOLEVA, Ye.S.; ZARUBINA, I.V.

Action of penicillin with ecmoline on microflora of the pharynx and of the nose in the prevention of influenza and acute catarrhs of the upper respiratory tract. Zhur. mikrobiol. epid. i immun. no.12: 22-26 D '55. (MIRA 9:5)

1. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gigiyeny.  
(INFLUENZA, prevention and control,  
antibiotic ecmoline with penicillin, eff. on  
nasopharyngeal flora)  
(PENICILLIN, therapeutic use,  
influenza & common cold prev., with ecmoline, eff. on  
nasopharyngeal flora)  
(ANTIBIOTICS, therapeutic use,  
same)

GORIYENKO, I.I.; GOL'DBERG, M.S.; LITVINOVA, T.G.; GANCHUK, N.S.;  
KOLBOD'Y, O.M.; KOZMINSKAYA, Ye.I.

Etiological and epidemiological importance of dysentery pathogens and  
certain Salmonella in so-called nonspecific colitis. Zhur.mikrobiol.  
epid. i immun., supplement for 1956:16-17 '57 (MIRA 11:3)

1. Iz Rostovskogo-na-Domu instituta epidemiologii, mikrobiologii i  
gigiyeny i Rostovskoy 1-y gorodskoy bol'nitsy.  
(INTESTINES--BACTERIOLOGY)

GORIYENKO, I. I.: Master Med Sci (diss) -- "The dependence of bacteriophage activity on the age of the lysed microbe population". Rostov na Donu, 1958.  
17 pp (Min Health RSFSR, Rostov State Med Inst), 200 copies (KL, No 1, 1959, 123)

GORIYENKO, I.I.; GONCHAROVA, K.F.

Biological properties of various races of enteric bacteriophages  
obtained from the external environment in Rostov-on-Don. Zhur.  
mikrobiol.epid.i immun. 31 no.9:84-88 S '60. (MIRA 13:11)

1. Iz Rostovskogo-na-Donu instituta epidemiologii, mikrobiologii  
i gigiyeny.

(ROSTOV-ON-DON--BACTERIOPHAGE)

GORIYENKO, I.I., kand.med.nauk; GONCHAROVA, K.F., nauchnyy sotrudnik

Problem of biological properties of races of intestinal bacteriophages.  
Gig.i san. 26 no.3:101-102 Mr '61. (MIRA 14:7)

1. Iz Rbstovskogo-na-Donu instituta epidemiologii, mikrobiologii i  
gigiyeny. (INTESTINES--MICROBIOLOGY) (BACTERIOPHAGE)

NIKONOV, A.G. [deceased]; GORIYENKO, I.I.; KARNITSKAYA, N.V.; GOL'DBERG,  
M.S.; MANDROVSKAYA, V.D.

Coli-*Proteus* bacteriophage in experimental conditions in vivo. Report  
No. 1. Zhur. mikrobiol., epid. i immun. 40 no. 8:82-85 Ag '63.  
(MIRA 17:9)

1. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gigiyeny.



KLYUCHNIKOVA, Ye.F.; GOPIYENKO, V.G.

Determining the phase-mineralogical composition of the alloys  
NaCl - TiCl<sub>4</sub>. Zav.lab. 31 no.4:469 '65.

(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
alyuminiyevoy, magniyevoy i elektrodnoy promyshlennosti.

GORIYENKO, V.M., zasluzhenyy vrach BSSR

Reorganization of the machine-tractor stations and medical care.  
Zdrav. Belor. 5 no.3:11-12 Mr '59. (MIRA 12:7)

1. Zaveduyushchiy Grodnenskim oblzdravotdelom.  
(WHITE RUSSIA--PUBLIC HEALTH, RURAL)

GORIYENKO, V.M., zasluzhenny vrach BSSR; BOLOZYA, T.G., vrach

Pulmonary resection in tuberculosis. Zdrav. Belor. 5 no.9:5-8 S '59.  
(MIRA 12:12)

1. Iz Grodnenskoj oblastnoy tuberkuleznoy bol'nitsy (glavnyy vrach -  
zasluzhenny vrach BSSR M.A. Serkova).  
(LUNGS--SURGERY)

1872571931

CA 18

COMMON ELEMENTS

COMMON VARIABLES INDEX

PROCESSES AND PROPERTIES INDEX

Determination of hydrogen-ion concentration of industrial aluminate solutions and control of the process of carbonation of such solutions. G. I. Kotlyar and T. A. Gurizda—*Trans. Inst. Chem. Charkov Univ.* 4, No. 13, 175-80 (1938).—The pH of Na aluminate solns. is conveniently detd. with the aid of a HgO electrode. The process of pptn. of Al(OH)<sub>3</sub> from such solns. by satn. with CO<sub>2</sub> is followed electrometrically. B. C. P. A.

OPEN MATERIALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ESOMI NOMINY

COMMON ELEMENTS

COMMON VARIABLES INDEX

PROCESSES AND PROPERTIES INDEX

GORILDR, T-VE.

SECRET  
TOP SECRET  
SECRET  
TOP SECRET

...oxidation in the imidazole ring. V. Preparation of 2-thioxo-4-oxo-1-phenyl-1H-imidazole. N. Z. Vainikova and T. B. Gerasimova (Leningrad Inst. Med. Chem. Acad. Sci. USSR), *Izv. Akad. Nauk SSSR Ser. Khim. Nauk*, No. 2 (1948); 10 450-53 (1948).—To 65 g. KCN and 97 g. KCNS ground in little H<sub>2</sub>O was added 31 ml. 37% HClO<sub>4</sub> and 2 moles 30% HCl, the mixt. left overnight, filtered and the filtrate refluxed 1.5 hrs. on a steam bath and extracted with Et<sub>2</sub>O, yielding 67.9% 2-thioxo-4-oxo-1-phenyl-1H-imidazole (I), m. 130°. This gives a weak SH test in 10% NH<sub>4</sub>OH or Na<sub>2</sub>CO<sub>3</sub> with Na nitroprusside; in 10% NaOH the test is strong. Refluxed with aq. Ba(OH)<sub>2</sub> 8 hrs., it gave some CNS ion; considerable CNS ion; the soln. contained HOCH<sub>2</sub>CO<sub>2</sub>H. I with PhNHNH<sub>2</sub> in EtOH gave some H<sub>2</sub>S even in the cold, and after heating on a steam bath yielded 92.5% 5-(p-ClC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> m. 152° (from AcOAc), apparently not a phenylhydrazone of I but a cyclic oxalyride. I (2.34 g.), 10 ml. AcOH, 3 g. dry NaOAc, and 3.2 g. H<sub>2</sub>NH refluxed 1 hr. gave 72.5% 5-cyano-1-phenyl-2-thioxo-4-oxo-1H-imidazole (II), m. 158° (from EtOH), which, heated with NaOH, gave a strong violet color, with nitroprusside, refluxed with Ba(OH)<sub>2</sub> 4 hrs., it liberated much CNS ion, with some H<sub>2</sub>S, and PhCH<sub>2</sub>COCO<sub>2</sub>H, m. 159°, was obtained. Refluxing II with PhNHNH<sub>2</sub> in EtOH gave a yellow product, C<sub>12</sub>H<sub>11</sub>O<sub>2</sub>N<sub>2</sub>, m. 167°. I heated with a-HOC<sub>6</sub>H<sub>4</sub>CHO, NaOAc, and AcOH gave 80% 5-(o-HOC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> deriv., m. 232° (from EtOH). Similarly were obtained 80% 5-(p-FC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> deriv., m. 175°, 95% 5-(p-MeOC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> deriv., m. 192°, and 76.6% 5-(p-Me<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> deriv., m. 232°. All heated with aq. NaOH gave the SH test. VI. Synthesis and properties of 5-aryl- and 5,5-dialkyl-2-thioxo-4-oxo-1-phenyl-1H-imidazole. *Ibid.* 552-7.—To 39.5 g. KCN and 58.5 g. KCNS in a little H<sub>2</sub>O was added with cooling 53 g. H<sub>2</sub>NH, then 2 moles 30% HCl over 45 min. and the mixt. heated on a steam bath 1 hr., diid. with H<sub>2</sub>O, and cooled, yielding 54% 5-phenyl-2-thioxo-4-oxo-1-phenyl-1H-imidazole (I), m. 130° (from H<sub>2</sub>O); boiled with aq. NaOH it shows a strong SH reaction with

nitroprusside. I heated with PhNHNH<sub>2</sub> in EtOH until H<sub>2</sub>S evolution stopped gave 50% product, m. 151°, identified as the phenylhydrazone of I. KCN and KCNS with Me<sub>2</sub>CO with slow addition of 30% HCl gave 64% 5-(p-tert-butyl-2-thioxo-4-oxo-1-phenyl-1H-imidazole, m. 151°, which with PhNHNH<sub>2</sub> in EtOH yielded the phenylhydrazone, m.p. not stated. Me<sub>2</sub>CO with KCN and KCNS gave 60% 5-(p-tert-butyl-2-thioxo-4-oxo-1-phenyl-1H-imidazole, m. 151°. The phenylhydrazones melt to 150° on the steam even in the cold, with a color change to red. VII. Condensation of the imidazole with esters of thioacids and with cyclic ketones. B. M. Tatarskiy and N. M. Tarkovskiy, *Izv. Akad. Nauk SSSR Ser. Khim. Nauk*, No. 2 (1948); 10 450-53 (1948).—Phenylamine I condenses with poorly reactive keto derivs. in sealed tubes at 150-50°. I (1.53 g.), 1.95 g. AcCH<sub>2</sub>CO<sub>2</sub>Et, 10 ml. AcOH, and 2 g. NaOAc heated in a sealed tube 5 hrs. at 150-50° gave much CO<sub>2</sub> and a trace of H<sub>2</sub>S. Diid. gave the 5-(AcCH<sub>2</sub>CH<sub>2</sub>)<sub>2</sub> deriv. of I, C<sub>12</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>S, m. 160-2°. Similarly AcCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>Et gave a mixt. which on extraction with Et<sub>2</sub>O and treatment with alc. AgNO<sub>3</sub> yielded the Ag salt of the 5-(p-ClC<sub>6</sub>H<sub>4</sub>)<sub>2</sub> deriv. of I; the Ag salt was obtained similarly from HgCl<sub>2</sub>. 5-Phenyl-2-thioxo-4-oxo-1-phenyl-1H-imidazole (I) with AcCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub>Et gave the A<sub>1</sub> and A<sub>2</sub> salts of the 5-(CH<sub>2</sub>)<sub>3</sub> deriv. of I, C<sub>12</sub>H<sub>13</sub>O<sub>2</sub>N<sub>2</sub>S, m. 160-2°. I similarly heated with PhCH<sub>2</sub>(CH<sub>2</sub>)<sub>2</sub>CO<sub>2</sub>Et gave the 5-(EtO)<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CO<sub>2</sub> deriv. of I, decomp. above 150°, which, refluxed 20 min. in dil. NaOH, then acidified with HCl, gave AcCH<sub>2</sub>CO<sub>2</sub>Et/CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>MeC(=O)CO<sub>2</sub>H, decomp. above 160°. I heated with AcC(=CHOEt)CO<sub>2</sub>Et 3 hrs. gave the 5-(AcCH<sub>2</sub>CH<sub>2</sub>)<sub>2</sub> deriv., decomp. above 160°. I (1.33 g.) similarly refluxed with 1.57 g. cyclohexanone, 10 ml. AcOH, and 1.3 g. NaOAc 5 hrs. gave on diid. 1 g. 5-(cyclohexylidene)deriv., m. 170° (from EtOH). It heated with the above reagents in sealed tubes 5 hrs. to 150-50° gave 5-(cyclohexylidene) deriv. of I, m. 170-2°. Cyclopentanone with I gave 5-(cyclopentylidene)deriv., m. 155-6.5° (decomp.). Refluxing I with diid., NaOAc, and AcOH 5









USHENKO, N.K.; BARANOV, S.H.; GORIZDRA, T.Ye.

Reaction of oxazolidines with  $\alpha$ -mercaptocarboxylic acids. Ukr.  
khim.zhur. 20 no.1:64-70 '54. (MIRA 7:3)

1. L'vovskiy gosudarstvennyy meditsinskiy institut, kafedra organi-  
cheskoy khimii. (Oxazolidine) (Thioacids)

GOVERNMENT

Prepared by  
[Illegible text]

BARANOV, S.N.; GORIZDRA, T.Ye.

Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic  
 $\alpha$ -keto acids. Part 3: Synthesis of some thiopteridines. Zhur.-  
ob.khim. 32 no.4:1220-1226 Ap '62. (MIRA 15:4)

1. L'vovskiy meditsinskiy institut.  
(Pteridine) (Pyrimidine) (Acids, Organic)

BARANOV, S.N.; GORIZDRA, T.Ye.

Synthesis of pteridines from 4,5-diaminopyrimidines and aromatic  $\alpha$ -keto acids. Part 4: Alkylation of some thiopteridines. Zhur.-ob.khim. 32 no.4:1226-1230 Ap '62. (MIRA 15:4)

1. L'vovskiy meditsinskiy institut.  
(Pteridine) (Alkylation)

LEVCHENKO, Serafim Vasil'yevich, kand.geologo-mineral.nauk; ZUBKOV, Anatoliy Ivanovich, kand.ekonom.nauk; GORIZONTOV, Boris Borisovich; LYZHIN, K., red.; GIL'DEBRANT, Ye., takhn.red.

[Industrial development of Krasnoyarsk Territory; popular scientific study] Problemy promyshlennogo razvitiia Krasnoyarskogo kraia; nauchno-populiarnyi ocherk. Krasnoyarsk, Krasnoyarskoe knizhnoe izd-vo, 1958. 170 p. (MIRA 13:4)  
(Krasnoyarsk Territory--Natural resources)  
(Krasnoyarsk Territory--Industries)

GORIZONTOV, B.B., inzh.

Growth of transportation in the Yenisey Basin. Rech. transp. 17  
no. 7:15-18 J1 '58. (MIRA 11:8)  
(Yenisey River--Inland water transportation)

GORIZONTOV, B.B.

Conference on the development of transportation in Irkutsk  
Province. Izv. AN SSSR. Ser. geog. no.2:130-132 Mr-Ap '61.  
(MIRA 1443)  
(Irkutsk Province--Transportation--Congresses)



GORIZONTOV, Boris Borisovich, kand. ekon. nauk; ZUBKOV, Anatoliy  
Ivanovich, kand. ekon. nauk; DMITRIYEVA, L.A., red.; KLYUCHEVA,  
T.D., tekhn. red.

[In the land with a great future] V kraiu bol'shogo budushchego.  
Moskva, Izd-vo "Sovetskaya Rossiya," 1961. 188 p. (MIRA 15:6)  
(Krasnoyarsk Territory--Economic conditions)

ZUBKOV, Anatoliy Ivanovich; GORIZONTOV, Boris Borisovich

[Land of the great future; development of industry in  
Krasnoyarsk Territory]Krai velikogo budushchego; razvitie  
promyshlennosti Krasnoyarskogo kraia. Krasnoyarsk, Krasno-  
yarskoe knizhnoe izd-vo, 1959. 143 p. (MIRA 15:9)  
(Krasnoyarsk Territory--Economic conditions)

GORIZONTOV, B.

International socialist division of labor and the development  
of transportation. Vop. ekon. no.5:136-143 My '63.

(MIRA 16:6)

(Communist countries--Division of labor)

(Communist countries--Transportation)

ZUBKOV, Anatoliy Ivanovich; GORIZONTOV, Boris Borisovich;  
NEZICHINOV, V.S., akademik, otv. red.; RUBE, V.A.,  
red.; TIKHOMIROVA, S.G., tekhn. red.

[Industrial centers of the Krasnoyarsk Territory] Pro-  
myshlennye uzly Krasnoiarskogo kraia. Moskva, Izd-vo  
AN SSSR, 1963. 110 p. (MIRA 16:11)  
(Krasnoyarsk Territory--Industries)

GORIZONTOV, N. I.

Gorizontov, N. I. "On the penicillin therapy of septic diseases of the female sexual organs and general postnatal sepsis," Trudy Kazansk. gos. med. in-ta, 1948, Issue 2, p. 69084.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).



PROCESSES AND PROPERTIES NOTES

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Ca

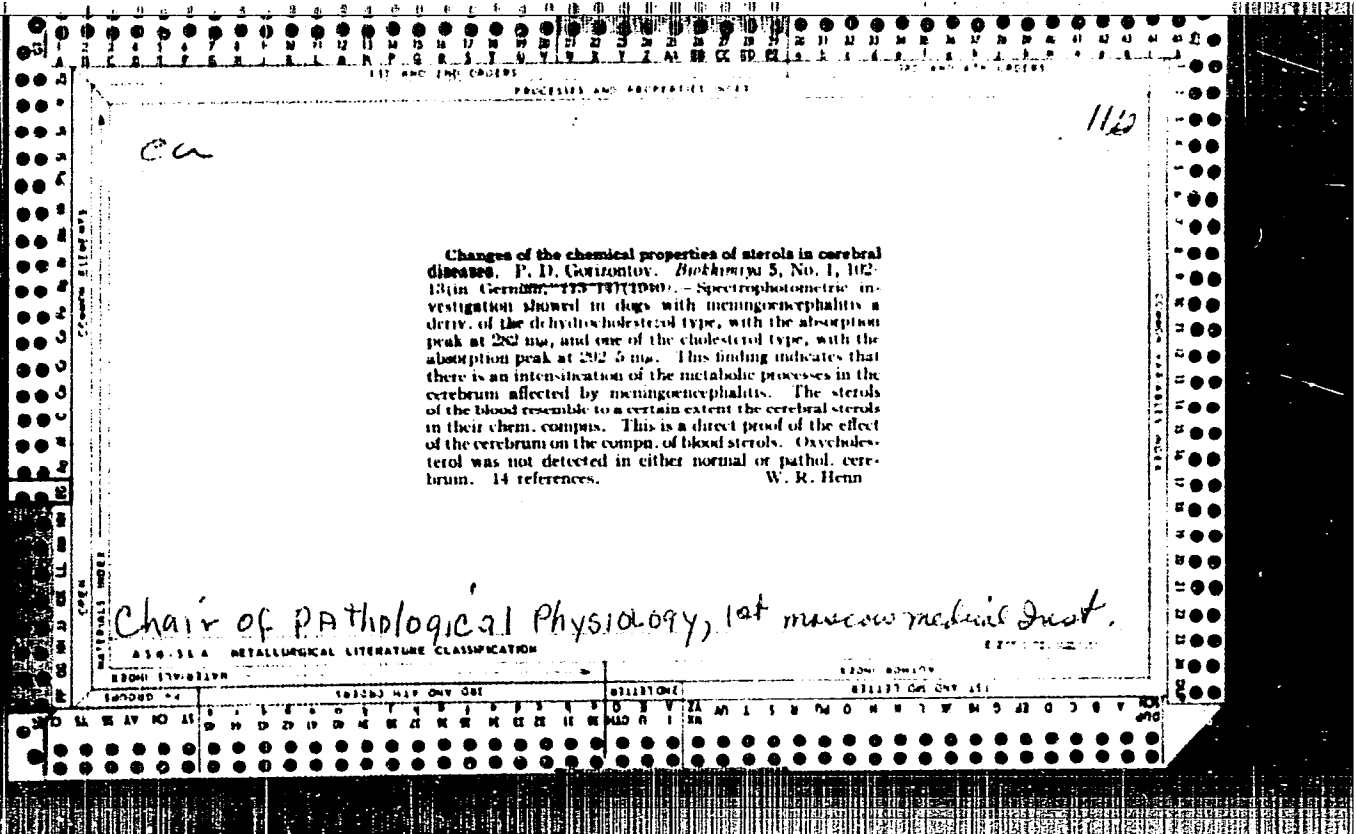
The role of the neuroglia in cholesterol metabolism  
 P. D. Gorizontov. *Bull. biol. med. expil. U. R. S. S. S.* 5, 316-9 (1939); *Chem. Zvest.* 1940, II, 88; cf. *C. A.* 34, 5158. --In the meningoencephalitis experimentally produced in dogs by subdural injection of turpentine or AgNO<sub>3</sub> a condition of hypercholesterolemia developed. Histochem. findings indicated that this was due to an increased cholesterol synthesis taking place in the neuroglial tissue of the brain and was not connected with cytolytic processes in the subcutaneous connective tissue. The hypercholesterolemia appearing in various cases of poisoning (by P, As, etc.), in progressive paralysis and in multiple sclerosis is probably due to an increased rate of synthesis of cholesterol and an increased rate of its discharge from the brain into the blood. M. G. Moore

A I B - S L A METALLURGICAL LITERATURE CLASSIFICATION

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AUTHOR INDEX

1ST AND 2ND LETTERS



ca

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**Changes of the chemical properties of sterols in cerebral diseases.** P. D. Gorizontov. *Biochimica* 5, No. 1, 102-131 (1960). - Spectrophotometric investigation showed in dogs with meningoencephalitis a deriv. of the dehydrocholesterol type, with the absorption peak at 282 m $\mu$ , and one of the cholesterol type, with the absorption peak at 292.5 m $\mu$ . This finding indicates that there is an intensification of the metabolic processes in the cerebrum affected by meningoencephalitis. The sterols of the blood resemble to a certain extent the cerebral sterols in their chem. compns. This is a direct proof of the effect of the cerebrum on the compn. of blood sterols. Oxysterol was not detected in either normal or pathol. cerebrum. 14 references. W. R. Henn

Chair of Pathological Physiology, 1st Moscow Medical Inst.



GORIZONOV, P. D.

"Role of Renal Pressure System in Pathogenesis of Hypertonia During Pregnancy,"  
Akusher i Ginekol., No.3, 1948

Prof., Pathological Physiology Dept., Inst. of Obstetrics, AMS USSR

GORIZONTOV, P. D.

"Effect of Placental Albumin on Cardiovascular System in Conditions of  
Homo sensitisation," Arkhiv Patol., 10, No.3, 191, 1968

Moscow Inst. Obstetrics and Gynecology, AMS USSR  
Chair of Path. Physiol., 1st Moscow Ord. Lenin Med. Inst.

GORIZONTOV, P. D. (PROF)

USSR/Medicine - Literature  
Antigens

Jul/Aug 49

"Review of 'A Collection of Works of the Chair of Pathophysiology, Kazan State Medical Institute, Edited by Professor A. D. Ado," Prof P. D. Gorizontov, 3 $\frac{1}{2}$  pp

"Arkh Patol" No 4

First article in the collection by Ado, "Some Results of Research on Antigen Reception in Cases of Allergy" shows that cholinergic reactions have much to do with allergic reactions. Other articles are by L. M. Ishimova, M. A. Yerzin, V. I. Smirnov, D. B. Pen'kovskaya-Shmul'yan, M. I. Undritsev, N. N. Kovyazin, S. I. Veys, V. I. Bogovarov, A. I. Malinin, and A. M. Khomyakov.

1/50750

GORIZONTOV, P. D.

"Michurin's and Lysenko's Science and Some Problems of Constitution and Heredity  
in Pathology," Arkhiv Patol., 11, No.1, 1949

GORIZONTOV P. D.

~~.....~~  
Konstitutsia s točki zrenia uchenia I. P. Pavlova. /I. P. Pavlov's  
therapy of the constitution. /Arkh. pat., Moskva 12:4 July-Aug 50  
p. 3-17.

I. Moscow

GLML 19, 5, Nov 50

GORIZONTOV, P.D.

Pavlovian theory on the higher nervous system and problems of etiology.  
Zh. vysshei nerv. deiat., Pavlova 1 no. 2:235-241 Mar-Apr 1951.

(CLML 22:5)

1. Moscow. 2. Application of Pavlov's principle of nervousism to  
etiology of disease.

GORIZONTOV, P. D.

Certain problems of pathogenesis from the viewpoint of  
Pavlov's physiologic theories. Arkh. pat., Moskva 13  
no.2:5-18 Mar-Apr 1951. (CLML 21:1)

1. Professor.

GORIZONTOV, P.D.

[Problems of pathological physiology in the works of I.P.Pavlov]  
Voprosy patologicheskoy fiziologii v trudakh I.P.Pavlova. Moskva,  
Medgiz, 1952. 342 p. (MLPA 10:4)  
(PAVLOV, IVAN PETROVICH, 1849-1936)  
(PHYSIOLOGY, PATHOLOGICAL)



CA

11-H

**Depressor action of fish fat in experimental nephrogenic hypertension.** P. D. Gorizontov, A. Kh. Kogan, and A. I. Ulovich (1st Moscow Med Inst.). *Terap. Arkh* 24, No. 3, 68 (1952). In rats in which hypertension was induced by operative means on the kidneys it was shown that fish fat introduced per os or rectally caused a depressor action; the oral route gave best results. Refined sunflower oil gave but little effect, as did physiol. soln. In rats with normal blood pressure the fish fat had no effect.

G. M. Kosolapoff

GORIZONTOV, P.D.

Pavlovian methodologic principles and development of pathologic  
physiology. Arkh. pat., Moskva 14 no.1:3-18 Jan-Feb 1952. (CML 22:1)

1. Professor. 2. Moscow.

GORIZONTOV, P.D.

I. P. Pavlov as pathophysiologicalist. Zh. vysshei nerv. deiat. 3 no.1:3-  
16 Jan-Feb 1953. (GLML 24:2)

1. Moscow.

GORIZONTOV, P.E.

ADO, A.P., predsedatel'; GORIZONTOV, P.E., sekretar'.

Resolution of the Plenary Session of the Board of Directors of the All-Union Society of Pathophysiologists of February 3, 1953. Zhur.vys.nerv. delat. 3 no.2:310-311 Mr-Apr '53. (MLRA 6:6)

1. Pravlaniye Vsesoyuznogo obshchestva patofiziologov.  
(Physiology, Pathological--Societies)

GORIZONTOV, P.D., professor, doktor meditsinskikh nauk (Moskva).

Pavlov's theory of the physiology of blood circulation. Med.sestra no.5:  
8-11 My '53.

(MLRA 6:5)  
(Blood--Circulation)

LEBEDINSKAYA, S.I. [editor]; GORIZONTOV, P.D., chlen-korrespondent [reviewer].

"Disease, therapy, and recovery." Reviewed by P.D.Gorizontov. Arkh.pat.  
15 no.3:79-82 My-Je '53. (MIRA 6:11)

1. Akademiya meditsinskikh nauk SSSR (for Gorizontov).  
(Diseases) (Therapy)

NEGOVSKIY, V.A., professor [reviewer]; GORIZONTOV, P.D. [author].

Review of P.D.Gorizontov's book "Problems of pathological physiology in I.P.Pavlov's works." V.A.Negovskii. Arkh. pat. 15 no.5: 89-94 S-0 '53.

(MLBA 6:12)

(Physiology, Pathological) (Gorizontov, P.D.)

BAKULEV, A.N., redaktor; GAYEVSKAYA, M.S., redaktor; GORIZONTOV, P.D.,  
redaktor; GULYAYEV, A.V., redaktor; DOBRODEYEV, A.V., redaktor;  
MIL'CHENKO, I.P., redaktor; NEGOVSKIY, V.A., redaktor; NYROVA, P.F.,  
redaktor; PETROV, B.A., redaktor; SARKISOV, S.A., redaktor; SEVERIN,  
S.Ye., redaktor; SHIKUNOVA, L.G., redaktor; NEYMAN, I.M., redaktor;  
BOBROVA, Ye.N., tekhnicheskij redaktor

[Transactions of the conference dedicated to problems of pathological  
physiology and therapy of the terminal states in the clinic and in  
first aid practice; December 10-12, 1952] Trudy Konferentsii posvia-  
shchennoi probleme patofiziologii i terapii terminal'nykh sostoyanii  
v klinike i praktike neotlozhnoi pomoshchi, 10-12 Dekabria 1952 g.  
Moskva, Gos. izd-vo meditsinskoi lit-ry, 1954. 329 p. (MIRA 8:3)

1. Konferentsiya posvyashchennaya probleme patofiziologii i terapii  
terminal'nykh sostoyanii v klinike i praktike neotlozhnoi pomoshchi,  
Moscow, 1952.

(Physiology, Pathological) (Death, Apparent)



**"APPROVED FOR RELEASE: 09/19/2001      CIA-RDP86-00513R000616220002-2**

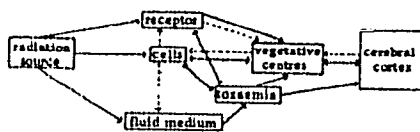
**APPROVED FOR RELEASE: 09/19/2001      CIA-RDP86-00513R000616220002-2"**

GORIZONTOV, P.D.

EXCERPTA MEDICA Sec.5 Vol.9/11 Gen.Pathology Nov 56

3232. GORIZONTOFF P.D. \* The pathogenesis of acute radiation disease (Russian text) ARKH. PATOL. (Moscow) 1955, 17/4 (3-14) Graphs 2 Tables 2 illus. 2

Ionizing radiation acts on the one hand on the tissues and cells directly, and on the other through complicated mechanisms. On biological substrates there is ionization of the water with liberation of oxidation radicals (atomic H, hydroxide, hydroperoxide, and peroxide). These act on the protein molecule with the sulphhydryl groups (SH) which are converted into inactive disulphhydrils (S-S). Personal experiments on rats showed that in radiation disease definite disturbances (internal inhibition) of the conditioned reflex activity of the cerebral cortex occur. The EEG in rabbits also shows changes after radiation. A toxæmic factor can also be demonstrated by the method of 'crossed blood circulation', and actually hypotensive and leucopenic-producing substances develop as well. In the blood circulating histamine-like substances are especially numerous on the 5th day after radiation; a defect in permeability of the vessels and the intestinal wall occurs, and through this an increased possibility of infection, with autosensitization. The various methods of action of the rays are shown in the annexed figure.



———— routes of radiation damage  
- - - - routes of adaptation

Brandt - Berlin (V,14,16)

GORIZONTOV, P.D., professor (Moskva)

Significance of the principle of unity and the determining role  
of environmental factors in pathology. Klin.med.33 no.8:68-74 Ag  
'55 (MLRA 8:11)

(PATHOLOGY,  
principle of unity in determining role of external  
environment)  
(ENVIRONMENT,  
principle of unity in determining role of external  
environment in pathol.)

GORIZONTOV, P. D.

9080

PROBLEMS IN PATHOGENESIS OF RADIATION SICKNESS.

P. D. Gorizontov. Med. Radiol. 1, 9-19(1956) Jan. - Feb.

[In Russian].

*Gorizontov, P.D.*

USSR/General Division - Congresses. Sessions. Conferences.

A-4

Abs Jour : Ref Zhur - *Biologiya*, No 1, 1957, 87.

Author : P.D. Gorizontov and B.B. Moroz.

Inst :

Title : Problems of Experimental Radiobiology.

Orig Pub : V. Estn. Akad. Med. nauk. SSSR, 1956, No 3, 63-70.

Abst : Review of scientific papers read at the all-union conference on medical radiology held in Moscow, Jan. 30- Feb. 4, 1956.

Card 1/1

GORIZONTOV, P.D., professor (Moskva)

Role of hormones in the general adaptation syndrome and in adaptation disease. Klin.med. 34 no.7:20-29 J1 '56. (MLRA 9:10)

1. Chlen-korrespondent AMN SSSR  
(GENERAL ADAPTATION SYNDROME  
role of endocrine glands)  
(DISEASE  
endocrine gland funct. in adaptation to dis.)  
(ENDOCRINE GLANDS, physiol.  
in adaptation to dis.)

GORIZONTOV, P.D., Prof., Corresponding Member of the Academy of Medical Sciences  
USSR,

"Pathophysiological Characteristics of Certain Forms of Experimental  
Radiation Trauma,"

Paper presented at 11th Session of AMS USSR on Trauma, April 1957.

SO: Sum 1644

GORIZONTOV, P.D., professor, redaktor; BELOUSOV, A.P., redaktor; MOROZ,  
B.B., redaktor; LYUDKOVSKAYA, N.I., tekhnicheskii redaktor;  
BEL'CHIKOVA, Yu.S., tekhnicheskii redaktor

[Transactions of the All-Union Conference on Medical Radiology;  
experimental medical radiology] Trudy Vsesoiuznoi konferentsii  
po meditsinskoj radiologii; eksperimental'naja meditsinskaja  
radiologija. Pod red. P.D.Gorizontova. Moskva, Gos. izd-vo  
med.lit-ry, 1957. 294 p. (MLRA 10:7)

1. Vsesoyuznaya konferentsiya po meditsinskoj radiologii. 2.  
Chlen-korrespondent AMN SSSR (for Gorizontov)  
(RADIOLOGY, MEDICAL)



*GORIZONTAL, P.D.*  
GORIZONTOV, P.D., professor (Moskva)

Problem of stress in modern pathology. Pat.fiziol. i eksp.terap.  
1 no.4:3-10 J1-Ag '57. (MIRA 10:11)

1. Chlen-korrespondent AMN SSSR  
(STRESS,  
(Rus))

USSR/Human and Animal Physiology - Effects of Physical  
Factors. Ionizing Radiation.

T-11

Abs Jour : Ref Zhur - Biol., No 13, 1953, 34689

Author : ~~Gorizontov~~, R.D., Davydova, S.A.

Inst : ..

Title : Exposing the Toxic Properties of Blood in Irradiated  
Animals by Tests with Adrenalectomized Animals.

Orig Pub : Med. radiologiya, 1957, 2, No 5, 51-55.

Abstract : Rats were subjected to general X-ray irradiations with  
1,000 r doses (output, 40.6 r/min); dogs received 500 r  
doses (output, 15.1 r/min). After irradiation blood was  
taken on the 1st, 2nd, and 3rd days, centrifuged for 15  
minutes, and after 20-25 minutes the serum was intraperi-  
toneally injected into previously (1 day before test)  
adrenalectomized (A) mice (0.5 ml) and rats (1 ml). The  
mortality of mice was investigated for 3 days following  
injections, and of rats for 1 month. Sera (3) originating

Card 1/2

GORIZONTOV, P.D., prof.

*Pathological physiology in the U.S.S.R. and its main achievements during the last 40 years. Arkh.pat. 19 no.10:38-60 '59. (MIRA 11:2)*

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Aleksandr Dmitrievich Timofeevskii; 70th birthday. Arkh.pat. 19  
no.12:84-86 '57. (MIRA 11:2)

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(TIMOFEEVSKII, ALEKSANDR DMITRIEVICH, 1887- )