

SOFILLI, J.

"The Problem of the Petroleum Industry According to Comrade Boleslaw Bierut's Speech at the Meeting of Coal Industry Activists." p. 77 (NFTA, Vol. 9, No. 3, Mar. 1953)  
Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 1,  
October 1953. Unclassified.

SOFILIC, J.

"Applying Soviet methods in the Polish petroleum industry." p. 155. (NAFTA, Vol. 9, no. 6, Jun 53, Krakow)

"A correspondence conference." p. 156. (NAFTA, Vol. 9, no. 6, Jun 53, Krakow)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

SOBIN, A.I., mladshiy nauchnyy sotrudnik

New time and bonus wage system for communication workers in the most common categories. Vest. sviazi 20 no.9:23-24 S'60. (MIRA 13:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut svyazi.  
(Postal service---Salaries, pensions, etc.)

ISAYEV, Ye.D.; GERASIMENKO, V.V.; SOBIN, P.I.

Press for squeezing out oil from oil-rich deposits. Masl.-zhir.  
prom. 27 no.3:43-44 Mr '61. (MIRA 14:3)

1. Nikolayevskiy maslozavod.  
(Krasnodar Territory--Oil industries--Equipment and supplies)

SOBIN, V.L.; KARANCHUK, O.V.

Device for active control in dimensional grinding of butt ends.  
Avt.prom. 27 no.10:39 0 '61. (MIRA 14:10)

1. Minskiy avtozavod.  
(Grinding and polishing)

SOBINA, A.A., med.sestra (Chitinskaya oblast')

Conference of nurses. Med.sestra 17 no.7:46 Jl '58 (MIRA 11:7)  
(NURSERS AND NURSING)

SOBIN, N.N.; BEZUGLYY, V.P.

Polarographic determination of mesityl oxide in diacetone alcohol.  
Zav. lab. 30 no. 10:1212-1213 '64. (MRA 18:4)

I. Khar'kovskiy zavod khimicheskikh reaktivov i Vsesoyuznyy nauchno-  
issledovatel'skiy institut monokristallov, staintillyatsionnykh  
materialov i osoboi chistyykh khimicheskikh veshchestv.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

СОВАЧЕВ, Н.И., ДРОГУШИН, П.Н., ЧЕРНЫЙ, В.В.

Polarographic method for the determination of furfural &  
hydrogenation products. Izv. AN Kazakh. SSR. Ser. khim.  
nauk 14 no.1 91-94 Jan. 1964. (MIR# 14-3)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

POLYAKOV, V.V., inzh.; SOBININ, A.I., inzh.; BATALOV, Sh.Sh., inzh.

Use of ~~optical~~ starting devices in fitting operations. Sudostroenie  
26 no. 3(209) 46-48 Mr '60. (MIRA 14:11)  
(Shipfitting)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

GERSHTEYN, Yu.S.,inzh.; SOBININ, A.I.,inzh.

Installation of electric-propulsion motors and drive shafts on the  
icebreaker "Lenin." Sudostroenie 26 no.9:57-60 S'60. (MIRA 13:10)  
(Lenin (Atomic ship)) (Ship propulsion, Electric)

ANTSYSHKIN, S.P.; BOBYLEV, G.V.; GORYACHEV, I.V.; ISACHENKO, Kh.M.; KOVALIN, D.T.; LAVRENT'YEV, V.A.; LITVINOV, I.V.; MUKIN, A.F.; PEREPECHIN, B.M.; PIS'MENNYY, N.R.; REBROVA, G.I.; SERGEYEV, P.A.; SOBINOV, A.M.; FEDOROV, P.F.; FILINOV, N.P.; KHRAMTSOV, N.N.; KAZAKOVA, Ye.D., red.; BALLOD, A.I., tekhn. red.

[Reference book for foresters] Spravochnik lesnichego. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 894 p. (MIRA 14:7)  
(Forests and forestry)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBINOV, B.M., vrach (Moskva)

Bicycling in winter. Zdorov'e 7 no.1:32 Ja '61.  
(CYCLING) (MIRA 13:9)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBINOV, B.M., vrach, zasluzhenny trener RSFSR

Take up musical gymnastics. Zdorov'e 7 no. 4:25 Ap '61.

(MIRA 14:4)

(MUSICO-CALLISTHENICS)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

SOBINOV, B.M., vrach, zasluzhennyj trener RSFSR

Callisthenics at home. Zdorov'e 8 no.4:25 Ap '62. (MIRA 15:4)  
(MUSICO-CALLISTHENICS)

UGEVSKIY, A.M.; SOBINOV, K.P. (Moskva)

~~Steady-state electromagnetic processes in a full-wave rectifier  
with a center tapped transformer. Elektrichestvo no.5:16-23  
Mys '61.~~  
(Electric current rectifiers)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBINOVA, I.A., inzh.

Concrete construction of spans of a city bridge from a suspended  
unit. Transp. stroi. 12 no.12:13-15 D '62. (MIRA 16:1)  
(Vyatka Valley--Bridge construction)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

ALIMOV, V.V., inzh.; KARPENKO, L.G., inzh.; TARASOVA, L.P., inzh.;  
TIKHOVSKAYA, K.A., inzh.; BERYLOV, N.T., inzh.; YUDIN, V.F.,  
inzh.; SOBINOVA, L.I., inzh.; TRUSKO, A.A., inzh.

"Rapid bottom pouring of killed steel. Stal' 25 no.3:  
1960-231 Mr '65. (MIRA 18:4)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

AUTHORS: Griboev, N. L., Shestopalov, V. I.,  
Sobinyakov, V. A., Fedgurskaya, A. V.

56-5-3/46

TITLE: Interaction of Particles of Energy  $10^{12}$ - $10^{13}$  eV With Light Atomic  
Nuclei (Vzaimodejstviye s legkimi atomyami yadrimi chastits s  
energiyey  $10^{12}$ - $10^{13}$  eV)

PERIODICAL: Zhurnal Ekperimental'noy i Teoreticheskoy Fiziki, 1957,  
Vol. 33, Nr 5, pp. 1099-1109 (JSSR)

ABSTRACT: The interaction of high energetic particles atomic with the atoms  
of the air was measured in an outfit consisting of 44 ionization  
chambers which were arranged in 2 series comprising each 22 super-  
posed chambers. A layer of lead of 2 cm thickness was placed bet-  
ween the two series. A layer of lead of 10 cm thickness was plac-  
ed upon the upper series. The operational surface of each series  
embraced approximately  $0,6 \text{ m}^2$ . In addition to the stable arrange-  
ment a case containing 10 counters could be brought into 3 mea-  
suring positions. Each of these tubes was connected with the hodo-  
scope.  
The measurement of the impacts was carried out in 3200 m above  
sea level. From the probability of the observation of the impacts  
accompanied by air showers, the range may be considered a measur-  
ing index for the interaction of the particles of energy of  $\sim 10^{12}$  eV

Card 1/2

Interaction of Particles of Energy  $10^{12}$ - $10^{15}$  eV with the Light  
Atomic Nuclei. 35-5-5146

with atoms from the air. It results from the experiments that the range of interaction in air with particles of energy  $10^{12}$  eV is less than 80 g/cm<sup>2</sup>.

In such individually occurring cases in which 2 or more impacts occur simultaneously in ionization chambers of measurable size, distant from each other, we may also talk of a three-dimensional structure of the impacts.

There are 3 tables, 6 figures, and 5 Slavic references.

ASSOCIATION: Moscow State University (Moskovskiy gosudarstvennyy universitet)

SUBMITTED: April 29, 1957

AVAILABLE: Library of Congress

Card 2/2

3.24/0  
S/058/61/000/010/016/100  
A001/A101

AUTHORS: Grigorov, N.L., Kondrat'yeva, M.A., Savel'yeva, A.I., Sobinyakov,  
V.A., Podgurskaya, A.V., Shestoporov, V.Ya.

TITLE: Methods of studying the elementary process of interaction with atomic nuclei of nuclear-active particles with energies of  $10^{11}$ - $10^{14}$  ev developed at the Moscow University

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 96, abstract 10B<sup>499</sup>  
("Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Moscow, AN SSSR, 1960, 122 - 133)

TEXT: The authors describe the devices of the Cosmic Radiation Laboratory at the MGU for studying the elementary process of interaction with atomic nuclei of nuclear-active particles with energies of  $10^{11}$  -  $10^{14}$  ev (with the use of a large number of counters, ionization calorimeters, systems of controlled photo-plates).

[Abstracter's note: Complete translation]

Card 1/1

SOBINYAKOV, V.A.

S/058/61/000/010/020/100  
AC01/A101

AUTHORS: Babayan, Kh.P., Grigorov, N.L., Dubrovin, M.M., Mishchenko, L.G.,  
Murzin, V.S., Sarycheva, L.I., Sobinyakov, V.A., Rapoport, I.D.

TITLE: Investigation of interaction of  $10^{11} - 10^{12}$  ev energetic particles  
with nuclei of iron and graphite

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 96-97, abstract 10B506  
("Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Mos-  
cow, AN SSSR, 1960, 176 - 182)

TEXT: The authors present the results of an investigation, carried out by  
means of an ionization calorimeter, of interactions of  $10^{11}-10^{12}$  ev particles  
with nuclei of iron and graphite on the Aragats mountain (3,200 m above sea level).  
It is shown that: 1) Coefficient of inelasticity of interaction of particles  
with energy  $E_0 \geq 2 \times 10^{11}$  ev with iron nuclei  $\sigma_{Fe} = 1.0 \pm 0.09$ ; 2) In the inter-  
action with the iron nucleus of a  $2 \times 10^{11}$  ev nucleon, one energetically outstand-  
ing particle is produced with average energy of  $\sim E_0$ , probability of this occur-  
rence being close to unity; most probable this particle is a  $\pi$ -meson; 3) The  
mean coefficient of inelasticity of interactions of particles with  $E_0 \geq 10^{11}$  ev

Card 1/2

S/058/61/000/010/020/100  
AC01/A101

Investigation of interaction ...

with carbon nuclei  $\bar{\alpha}_c \leq 0.5 \bar{\alpha}_{Fe}$ ; 4) the experimental data obtained for  $\bar{\alpha}_{Fe}$  and  $\bar{\alpha}_{Fe} \leq 0.5$  rule out the possibility of consecutive collisions with individual nucleons of the nucleus (or small groups of nucleons) at interactions of particles with energies  $\geq 10^{11}$  ev with heavy nuclei; 5) in the energy range of nucleons  $10^{10} - 10^{11}$  ev the interaction with heavy nuclei changes its nature.

L. Dorman

[Abstracter's note: Complete translation]

Card 2/2

L 13623-63 EWT(m)/BDS. AFFTC/ASD  
ACCESSION NR: AP3003101

S/0056/63/044/006/1806/1810

58  
57

AUTHOR: Grigorov, N. L.; Yerofeyeva, I. N.; Murzin, V. S.; Mishchenko, L. G.; Rapoport, I. D.; Rostomyan, B. O.; Sobinyakov, V. A.; Titenkov, A. F.

TITLE: Energy spectrum of nuclear-active particles at 3260 m above sea level

SOURCE: Zhurnal eksper. i teor. fiziki, v. 44, no. 6, 1963, 1806-1810

TOPIC TAGS: nuclear-active particle spectrum, high energy atomic interactions

ABSTRACT: The energy spectrum of nuclear-active particles at 3260 m above sea level was studied with an ionization calorimeter. The possible distortion of the spectrum by instrumental effects was reduced by adding the ionization in the ten upper rows of chambers. The effect of incidence of groups of nuclearactive particles on the array was avoided by selecting only those events in which one particle strikes the array. Simultaneous passage of several particles through the apparatus was excluded by considering only the events due to nuclear particles without accompaniment in air. A total of 351 events was found in which a sharply delimited core of an electron-nuclear shower was visible in the calorimeter, and the integral energy spectrum of the nuclear-active particles was plotted. In the

Card 1/42

L 13623-63  
ACCESSION NR: AP3003101

energy range between 200 and 2000 GeV the integral energy spectrum can be approximated by a power law with exponent 1.92, with a statistical error of 5--7% and with a methodological uncertainty of 0.05. It is concluded that in this energy range the exponents of the nuclear-active particle spectrum, the spectrum of bursts from single nuclear-active particles in ionization chambers, and of the energy spectrum of electron-photon cascades produced in nuclear interactions coincide, meaning that the mean inelasticity factor in nuclear interactions remains constant in the energy range under consideration. Orig. art. has: 4 figures and one formula.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta  
(Institute of Nuclear Physics, Moscow State University)

SUBMITTED: 08Jan63 DATE ACQ: 23Jul63 ENCL: 02  
SUB CODE: 00 NO REF Sov: 003 OTHER: 002

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

RECORDED IN THE CLOUDS  
BY THE CLOUDS  
IN THE CLOUDS

WILLIAM H. COOPER, JR., SECRETARY OF STATE  
AND THOMAS JEFFERSON, SECRETARY OF STATE  
AND THOMAS JEFFERSON, SECRETARY OF STATE

WILLIAM H. COOPER, JR., SECRETARY OF STATE  
AND THOMAS JEFFERSON, SECRETARY OF STATE

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

GRIGOROV, N.I.; YEROFEEV, I.N.; MISHCHENEC, I.G.; MURZIN, V.S.;  
RAPOPORT, I.D.; SARYCHEVA, L.I.; TORINYAKOV, V.A.

Interaction paths of nuclear-active particles with energies  
~~10~~1011 ev. Izv. AN SSSR. Ser. fiz. 28 no.11:1798-1800 N '64.

Absolute intensity and the energy spectrum of nuclear-active  
particles at an altitude of 3260 m. above sea level.  
(MIRA 17:12)  
Ibid.:1801-1802

1. Nauchno-issledovatel'skiy institut yadernoy fiziki  
Moskovskogo gosudarstvennogo universiteta.

L 4465-66 EWT(1)/EWP(e)/EWT(m)/EPF(c)/EPF(i)/FCC/T/EWP(b)/EWA(m)-2/EWA(h)

ACC NR: AP5024625 WW/GW/NH

SOURCE CODE: UR/0048/65/029/009/1652/1655

AUTHOR: Bubayan, Kh. P.; Grigorov, N.L.; Mamidzhanyan, E.A.; Sobinskyov, V.A.; Shestoperov, V. Ya.

ORG: Scientific Research Institute of Nuclear Physics, Moscow State University im. M.V.Lomonosov (Nauchno-issledovatel'skiy institut Yadrenoy fiziki Moskovskogo gosudarstvennogo universiteta); Physics Institute of the State Committee on Use of Atomic Energy, SSSR (Fizicheskiy institut Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR)

TITLE: Investigation of interactions of particles with energies of the order of one TeV by the ionization calorimeter technique /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1652-1655

TOPIC TAGS: primary cosmic ray, secondary cosmic ray, energy distribution, air shower, nucleon interaction

ABSTRACT: The authors have employed the  $10 \text{ m}^2$  ionization calorimeter described in the preceding article (Izv. AN SSSR Ser. fiz., 29, 1648, 1965 / see Abstract ACC NR AP5024624/) to determine the energy spectrum at 3200 meters above sea level of single nuclear-active particles in the cosmic radiation. A hodoscope consisting of 200 Geiger-Muller counters and several scintillation and Cerenkov counters, located at dis-

Card 1/2

09010333

L 4465-66

ACC NR: AP5024625

tances up to 10 meters from the calorimeter, recorded the showers accompanying the nuclear active particle. Events were selected in which a single nuclear-active particle traversed the ionization calorimeter unaccompanied by a shower of more than  $10^3$  particles, and 109 such events were observed in which the energy of the nuclear-active particle exceeded  $5 \times 10^{11}$  eV. The counting rate was 0.32 particles/m<sup>2</sup> sterad hour and was independent of whether a 60 g/cm<sup>2</sup> graphite absorber was present or absent. The exponent in the integral energy spectrum of solitary nuclear-active particles in the atmosphere was found to be approximately 2.5 for energies between  $5 \times 10^{11}$  and  $10^{13}$  eV. This exponent is considerably greater than that in the energy spectrum of the primary cosmic rays at the top of the atmosphere, and it is suggested that the difference is due to an energy dependence of the interaction mean free path. It is shown that the data are consistent with an interaction free path of 102 g/cm<sup>2</sup> at  $10^{11}$  eV and 72 g/cm<sup>2</sup> at  $10^{13}$  eV. Orig. art. has: 6 formulas, 2 figures, and 1 table.

SUB CODE: NP/ SUBM DATE: 00/

ORIG REF: 008/ OTH REF: 001

BC  
Card 2/2

SOBIS, Halina; SZADOWSKA, Anna

Effect of penicillin, streptomycin and sulfathiazole on pulmonary changes in mice infected with influenza viruses. Med. dosw. mikrob 10 no.3:357-366 1958.

l. Z Zakladu Anatomii Patologicznej A. M. w Lodzi Kierownik: prof. dr med. A. Pruszynski z Oddzialu Wewnetrznego Szpitala im. dr Rydgiera w Lodzi Ordynator: dr med. J. Hajman z Zakladu Farmakologii A. M. w Lodzi Kierownik: prof. dr med. E. Leyko.

(INFLUENZA, exper.

eff. of penicillin, streptomycin & sulfathiazole on pulm.  
changes in mice (Pol))

(PENICILLIN, effects,

on exper. influenza, pulm. changes in mice (Pol))

(STREPTOMYCIN, effects  
same)

SOBIS, H.; SZADOWSKA, A.; POLAKOWSKI, P.

Effect of calcium pantothenate and vitamin C on pulmonary changes  
in mice infected with the influenza virus. Acta physiol.polon.  
11 no.5/6:883-884 '60.

1. Z Zakladu Anatomii Patologicznej A.M. w Lodzi, Kierownik: prof.  
dr A.Pruszczyński. Z Zakladu Farmakologii A.M. w Lodzi, Kierownik:  
prof.dr E.Leyko.

(PANTOTHENIC ACID pharmacol)

(VITAMIN C pharmacol)

(INFLUENZA exper)

SOBIS, Halina; SZADOWSKA, Anna; POLAKOWSKI, Przedzislaw

Effect of vitamin C and calcium pantothenate on pulmonary changes  
in mice infected with influenza viruses. Med.dosw.mikrob. 12 no.4:  
397-404 '60.

1. Z Zakladu Anatomii Patologicznej A.M. w Lodzi, Kierownik: prof.  
dr med. A.Pruszczynski i z Zakladu Farmakologii A.M. w Lodzi,  
Kierownik: prof. dr nauk med. E.Leyko.

(INFLUENZA exper)

(VITAMIN C pharmacol)

(PANTOTHENIC ACID pharmacol)

CIBORSKA, Halina; SOBIS, Halina

Aneurysm of the pulmonary artery related to rheumatism. Polski  
tygod.lek. 15 no.38:1451-1455 19 S '60.

1. Z Oddzialu Wewnetrznego Szpitala im. dr L.Rydygiera w Lodzi;  
ordynator: dr med. St.Multanski i z Zakladu Anatomii Patologicznej  
A.M. w Lodzi; kierownik: prof. dr med. A. Pruszczynski.  
(PULMONARY ARTERY dis)  
(RHEUMATIC FEVER compl)

SOBIS, Halina

Pulmonary carcinosarcoma. Pat. pol. 13 no.3:389-395 '62.

l. Z Zakladu Anatomii Patologicznej AM w Lodzi. Kierownik: prof. dr  
A. Pruszczynski.  
(LUNG NEOPLASMS) (CARCINOSARCOMA)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBIS, Halina

Pathomorphological pulmonary changes in mice in experimental influenza (treated and untreated). Lodz.tow.nauk. 55 - 0:  
1-39 '63.

\*

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

CHOJNOWSKA-JEZIERSKA, J.; SOBIS, H.

Early heart rupture in myocardial infarct.: Kardiol. Pol. 7  
no.2:153-155 '64.

l. Z II Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej  
w Łodzi (Kierownik: doc. dr J.R. Chojnowski) i z Prosektorium  
Szpitala im dr K. Jonschera w Łodzi (Kierownik: dr H. Sobis).

Russia, Moscow, 1981, Report

Angiogramm of the lungs of a 13-year-old child. Pat. No. 15  
proekt 54-26. A. S. \*84

16. 10. 1981. Pierwszy z dnia kolejny. Konsilium Medyczne z  
prof. W. M. Kowalewskiego (prof. S. Chotylewski) i z Pracowni  
Anatomopatologicznej Szpitala imeni K. Bonchera w Lodzi.  
(lekarzka dr. med. E. Kubis).

SOBIS, Halina

Pathomorphological changes in the coronary circulation in  
treated and untreated experimental influenza. Med. dosw.  
mikrobiol. 16 no.3:227-232 '64.

l. Z Pracowni Anatomopatologicznej szpitala im. dr K. Jonschera  
w Łodzi (Dyrektor Szpitala; dr med. M. Taube).

POLAND

SOBIS, Halina, Jr; head of the Department of Pathological Anatomy at the Hospital imeni Dr K. Jonscher, Lodz (hospital director: Dr M. TAUBE)

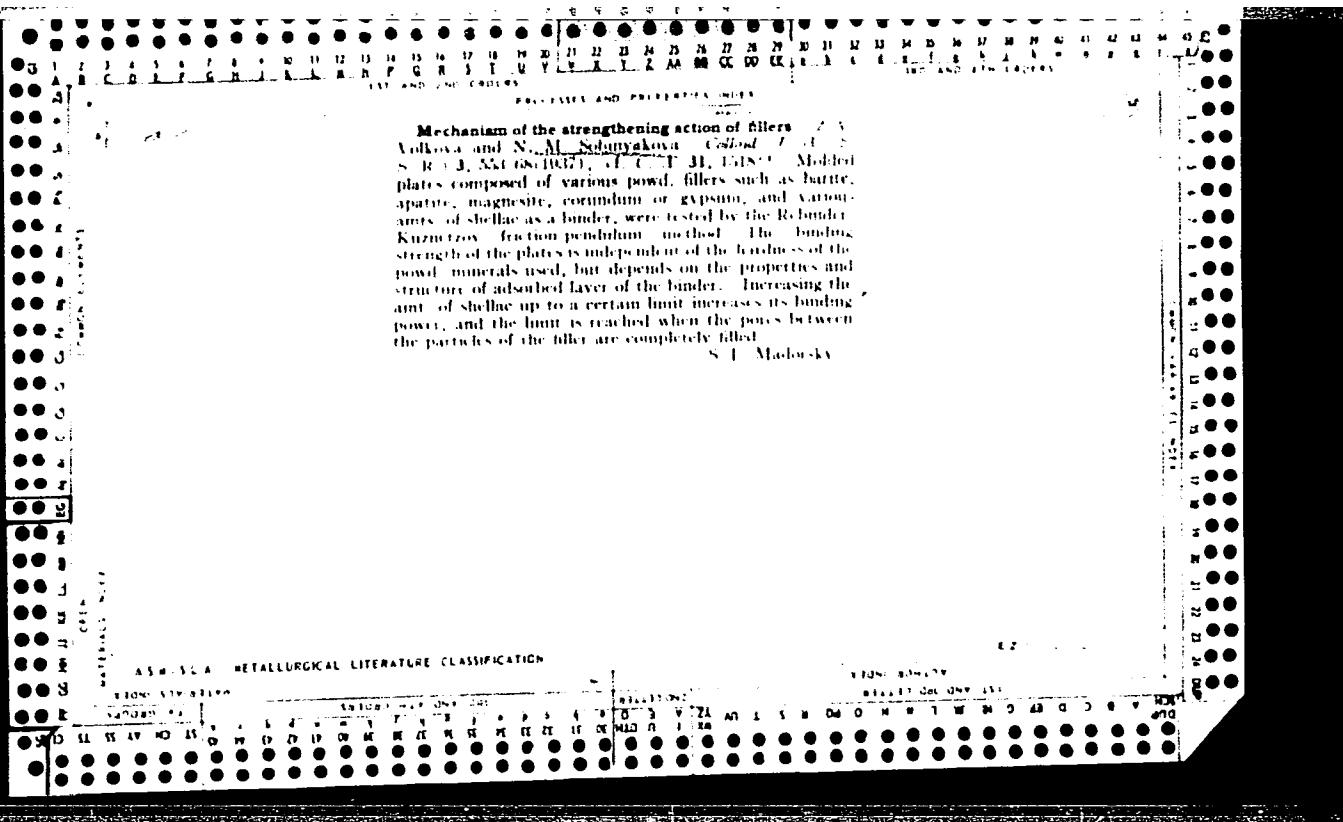
"Pathomorphological Changes in the Kidney Vascular System in the Course of Treated and Untreated Experimental Influenza."

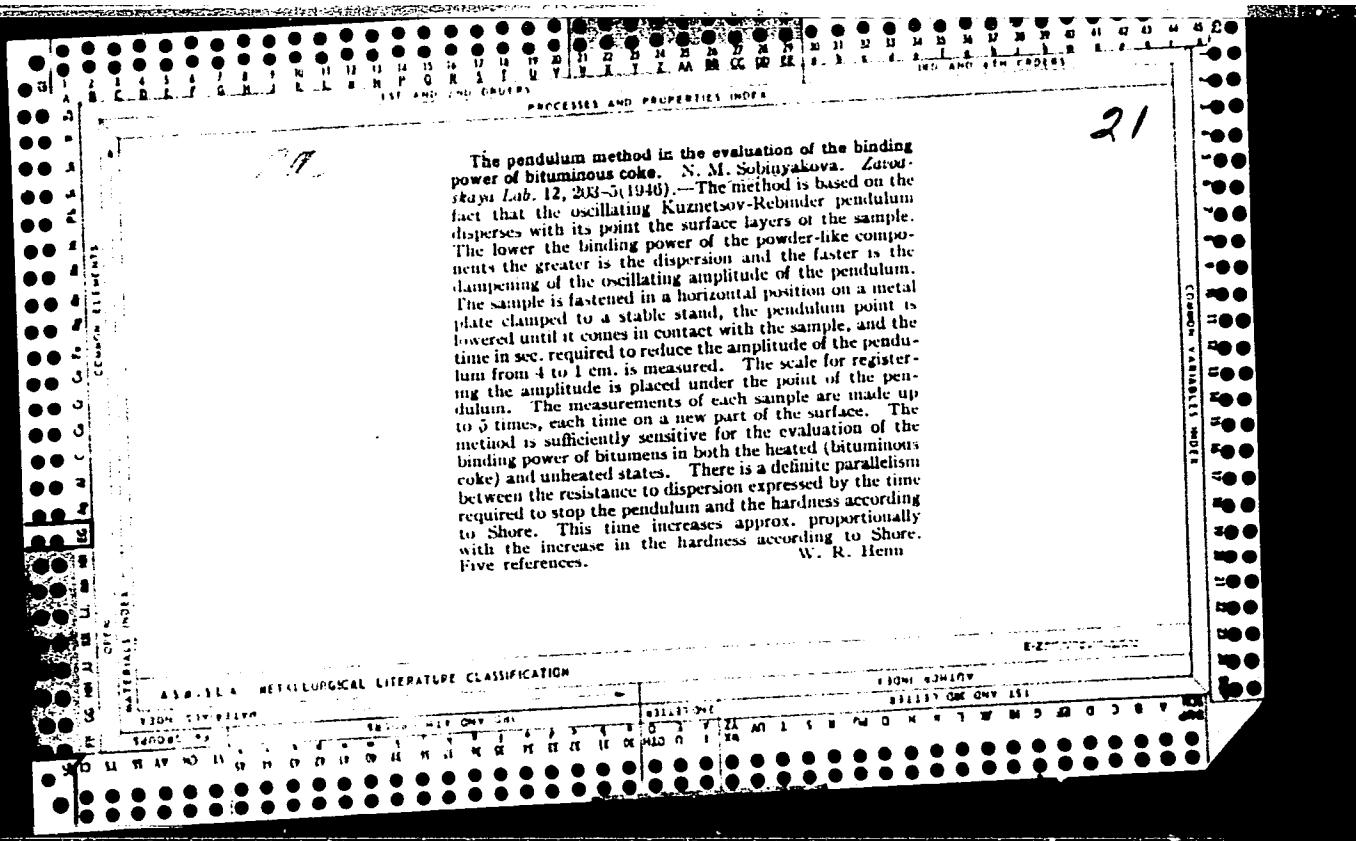
Warsaw, Medycyna Doswiadczeniowa i Mikrobiologia, Vol 18, No 2, 66, pp 141-145

Abstract [author's Russian and English summaries, modified]: The experiments were performed on 160 white mice, 120 of them infected with influenza virus. A proportion of the animals were not treated; another proportion received penicillin, hydrocortisone, or both penicillin and hydrocortisone. Forty mice were the control group. The following conclusions could be drawn. 1. Signs of increased permeability of kidney blood vessels were found in mice infected with influenza virus. 2. Penicillin was without effect on changes in renal blood vessels in the course of influenza infection. 3. Hydrocortisone increased the permeability of the renal blood vessels in both the infected and the control animals, which might be due to an increase in the arterial blood pressure. Eight Soviet-bloc and 9 Western references.

1/1

- 98 -





Sov. U.S.S.R., M.I.

Sedin'yeva, N. I. - "Kerimkin's coal by the low-temperature method", Trudy "Sesorum. ravn.-issled. in-ta"ural. svyazi, Novaya seriya, Issue 1, 1949, p. 36-38, - Bibliogr.: 7 items.

SO. U-kezhi, 1, Sept. 53, (Letopis 'Zhurnal 'nykh stat., No. 2., 1949).

S/137/62/000/003/048/191  
A006/A101

AUTHORS: Sobinyakova, N. M., Soynova, M. A.

TITLE: Sorption extraction of niobium and titanium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 24 - 25, abstract  
3G158 (v sb. "Mineral'n. syr'ye", no. 2, Moscow, 1961, 179 - 192)

TEXT: The authors describe in detail the process of sorption separation of Nb and Ti on anionites, and present results of investigating Nb and Ti sorption on anionites from sulfuric and oxalic acid solutions. The practical suitability of this method is evaluated when applied to processing non-conditional Nb concentrates obtained from concentration and chlorination. There are 12 references.

G. Svodtseva

[Abstracter's note: Complete translation]

Card 1/1

S/137/62/000/004/026/201  
A006/A101

New studies in the field ...

out of the solution with the use of new industrial anionite grades [ЭДЭ -10П (EDE-10P), АВ -16 (AV-16), АН -1 (AN-1) and НО (NO)]. It was established that it was expedient to eluate Mo by ammonia solutions with NH<sub>3</sub> concentration of >50 g/l. There are 30 references.

G. Svodtseva

[Abstracter's note: Complete translation]

Card 2/2

S/028/02/000/000/012/017  
E071/E135

AUTHORS: Sobinyakova, N.M., and Soynova, M.A.

TITLE: The extraction of niobium and titanium from sulphuric acid solutions

SOURCE: Razdeleniye blizkikh po svoystvam redkikh metallov.  
Nezhvuz. konfer. po metodam razdel. blizkikh po svoyst.  
red. metallov. Moscow, Metalurgizdat, 1962, 132-147

TEXT: Experiments were carried out with synthetic and technological leaching of solutions, in order to study the possibility of extraction of niobium and titanium with ion exchange substances and liquid extraction agents from sulphuric acid solutions, obtained from concentrates insufficiently enriched in niobium (containing 5 - 10% of niobium pentoxide). The optimum acidity for adsorption was investigated in pure solutions. On the anionites ЭДЭ-10П (EDE-10P) and АВ-16 (AV-16) the maximum sorption of niobium takes place from 6M H<sub>2</sub>SO<sub>4</sub>, and of titanium from 5M H<sub>2</sub>SO<sub>4</sub>. Sulphuric acid concentrations below 2M are not advantageous as iron is adsorbed in the form [Fe(SO<sub>4</sub>)<sub>2</sub>]<sup>-</sup>; L

Card 1/3

The extraction of niobium and ...

S/328/62/000/000/012/017  
E071/E135

sorption of iron stops at acidities above 2M. In the acidity range 1.5-4M the sorption of titanium is at a minimum and conditions are thus more advantageous for the extraction of niobium. In the range 6-7M H<sub>2</sub>SO<sub>4</sub> sorption of Nb and Ti is approximately the same (if their concentrations in the solution are equal) and this range is advantageous for combined extraction of these two metals, so that the solutions impoverished in Nb and Ti can be re-used for decomposing fresh concentrates. The influence of Nb and Ti on each other when these are present simultaneously in the solutions in variable quantities was determined at acidities 3, 4 and 6M H<sub>2</sub>SO<sub>4</sub>. The limit concentrations of Ti/Nb at which the sorption is advantageous for Nb depends on the acid concentration and type of anionite used. On the anionite EDE-10P, with acidity decreasing from 6 to 4 to 3M H<sub>2</sub>SO<sub>4</sub>, the limit of preferential sorption of Nb changes from CTi/CNb = 1.15 to 1.9 and 3.8 respectively. For anionite AV-16 at 4M H<sub>2</sub>SO<sub>4</sub> the ratio CTi/CNb = 2.63. The anionite AV-16 was used for the experiments on the separation of niobium and titanium from technological solutions. The metals were elutriated with 10% hydrochloric acid after a preliminary wash

Card 2/3

The extraction of niobium and ...

S/020/02/000/000/012/017  
E071/E135

with 2.5% sulphuric acid which removed the adsorbed iron. Nb was extracted with the first portions of the elutriant; concentrates with up to 94%  $\text{Nb}_2\text{O}_5$  and 96-99%  $\text{TiO}_2$  were obtained. From the sulphuric acid solutions Nb was extracted with an alkylphosphate extracting agent EIR-2 (EIR-2), dibutylpyrophosphate, di-2-ethylhexylphosphate and trioctylamine. All reagents extract niobium and titanium. The problem of re-extraction of extracted metals and their separation is being investigated.

There are 9 figures and 2 tables.

Card 3/3

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBIRAKOVA, N.M.; IVANTKOVA, G.A.; BALIKHINA, S.I.

Extraction of molybdenum from ores in alkali solutions using a  
catalyst. Min.syr'e no.9:49-57 '63. (MIRA 17:10)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SCHIBEK, S.

Nomo graph to calculate a new turbidity factor for radiation behind the yellow  
filter CG 1 ( $\lambda > 0,525\mu$ ) based on Linke's method. p. 8.  
(Meteocoloricke Zpravy, Vol. 10, No. 1, Feb. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 9, Sept. 1957. Uncl.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

SOBISEK, B

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Hydrometeorological Institute (Hydrometeorologicky ustav),  
Prague

Source: Prague, Meteorologicke Zpravy, Vol XIV, No 1-2, 30 April  
1961, pp 41-42

Data: "Barometric Reduction Tables in Use in the Czechoslovak  
Meteorological Service."

(1)

137

SOPISER, R.

Automation in the meteorological measurement technique.  
Meteor zpravy 15 no.3/4:108-109 Ag '62.

1. Hydrometeorologicky ustav.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBISEK, B.

"Measurement in meteorology" by A.Perlat and M.Petit. Reviewed  
by B.Sobisek. Meteorolog zpravy 15 no.5:151-152 O '62.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

SOBISEK, B.

Problem of area applicability of wind measurements of meteocological stations. Meteor zpravy 17 no. 3:66-73 Je '64.

1. Hydrometeorological Institute, Prague.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SUPISEK, B.

Results of the comparison of rain seuges in Czechoslovakia.  
Meteor zpravy 17 no.18194-106 Ag'64

J. Hydrometeorological Institute, Prague.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3

SOBISEK, B.

Doctor Ferdinand Kocourek, March 20, 1898-October 29, 1964;  
obituary. Meteor zpravy 18 no.1:21 F '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820005-3"

SOBITSKIY, V.V.

Work practices of progressive underground and open-pit mines in  
Cheremkhovo Basin. Ugol' 35 no.9:51-53 S '60. (MIRA 13:9)

1. Nachal'nik Gornorudnogo Kombinata Irkutskogo sovnarkhoza.  
(Cheremkhovo Basin--Coal mines and mining--Labor productivity)

USKOV, A.A., red.; RZHEVSKIY, V.V., prof., doktor tekhn. nauk, red.; SOKOLOVSKIY, M.M., red.; MIKHAYLENKO, I.G., red.; BUGOSLAVSKIY, Yu.K., red.; SOBITSKIY, V.V., red.; VINITSKIY, K.Ye., red.; STAKHEVICH, Ye.B., red.; KENIS, S.I., red.; MERZON, A.S., red.; SITNIKOV, V.P., red.; SOPESHKO, N.F., red; BLAYVAS, M.S., red.

[Studies of the All-Union Scientific and Technical Conference on improving the equipment and technology of mining minerals by the open pit method] Materialy Vsesoiuznogo nauchno-tehnicheskogo soveshchaniia po sovershenstvovaniyu tekhniki i tekhnologii razrabotki poleznykh iskopayemykh otkrytym sposobom. Moskva, Nedra, 1965.  
285 p.

(MIRA 18:6)

1. Vsesoyuznoye nauchno-tehnicheskoye soveshchaniye po sovershenstvovaniyu tekhniki i tekhnologii razrabotki poleznykh iskopayemykh otkrytym sposobom, Cherenkhovo, 1964. 2. Moskovskiy institut radioelektroniki i gornoj elektromekhaniki (for Rzhevskiy). 3. Glavnyy spetsialist Gosudarstvennogo komiteta tyazhelogo, energeticheskogo i transportnogo mashinostroeniya pri Gosplane SSSR (for Bugoslavskiy).

SOBIYEV, B.M.

Purification of industrial waste waters from ore dressing plants.  
TSvet. met. 34 no. 4:73-74 Ap '61. (MIRA 14:4)  
(Industrial wastes) (Water--Purification)

SOBIYEV, B.M.

Complete utilization of copper-zinc ores from the Urals. TSvet.  
met. 35 no.4:7-9 Ap '62. (MIRA 15:4)  
(Ural Mountains--Nonferrous metals--Metallurgy)  
(Copper ores) (Zinc ores)

SOBIYEV, B.M.; KHODOV, L.V.

Underground leaching holds great promise for the copper industry.  
Gor. zhur. no.9:3-4 S '63. (MIRA 16:10)

1. Gosudarstvennyy komitet Soveta Ministrov RSFSR po koordinatsii  
nauchno-issledovatel'skikh rabot.

SORIYEV, B.M.

Ore-pebble crushing method as a means for reducing ore-dressing costs. Biul.tekh.-ekon.inform.Gos.nauk.-issl.inst.nauch.i tekh.inform. no.12:84-85 '63. (MIRA 17:3)

SOBIYEV, B.M.

Self-grinding is a progressive direction in the improvement of ore comminution techniques. TSvet. met. 36 no.12:6-8 D '63. (MIRA 17:2)

SOBIYEV, B.M.

Industrial experiments on ore pebble crushing. TSvet. ~~no. 36~~ 37  
no. 11:14-17 N '64. (MIRA 18:4)

SOBIYEVA, G.A.

Development of self-control habita in primary grade students  
during Russian language classes. Vop. psichol. 10 no.2:49-  
56 Mr-Ap '64. (MIRA 17:9)

1. Kafedra psichologii Severo-Osetinskogo pedagogicheskogo  
instituta, Ordzhonikidze.

DRAFT STATE U.

- Дмитров Альян Иванович. Им. Азотомицетический центр Азотурик. 1944.  
Инструкция боев и нефтегазовых гидро- Зап. 1945, № 7.  
да флота. 1952. 150 с.  
1054. Сарасин Свистун Мар-  
тасович. Геологическое изучение  
территории. Геологическое изучение  
кимаковой зоны с целью разработки по-  
ского биогенического метода добычи с-  
наффи. Ереван. 1943. 91, 5 с. [5] вкл. Ап-  
пенд. Зап. 1944, 22.
1055. Сажинцев Игорь Конс-  
тантинович. К срезатомной ги-  
гантской кальциновой оболочке морского  
курильского побережья. 1954. 174 с., 39  
табл. Зап. 1955, 21.2.
1056. Соболев Олег Борис-  
евич. Создание института для разработки  
и применения спиртного подсахаринового же-  
леза. Дагестан. 1948. 159 с., рис.,  
табл., прил. Зап. 1948, 25.6.
1057. Маркалов Петро Георгиев-  
ский. Применение антибиотиков при ис-  
кусственном заражении собак и при ис-  
кусственном заражении у промышленного  
тестемония инфекции. Ученые записки Академии  
наук СССР. 1959, № 10, 26.2.
1058. Соболев Олег Борис-  
евич. Создание института для разработки  
и применения спиртного подсахаринового же-  
леза. Дагестан. 1948. 159 с., рис.,  
табл., прил. Зап. 1948, 25.6.
1059. Бадал Мария Антоновна.  
Приспособление инъекции сократи-  
ния фосфатазы в мышцах.  
Зап. 1953, 29.6.
1060. Маркалов Петро Георгиев-  
ский. Применение антибиотиков при ис-  
кусственном заражении собак и при ис-  
кусственном заражении у промышленного  
тестемония инфекции. Ученые записки Академии  
наук СССР. 1959, № 10, 26.2.
1061. Маркалов Петро Георгиев-  
ский. Применение антибиотиков при ис-  
кусственном заражении собак и при ис-  
кусственном заражении у промышленного  
тестемония инфекции. Ученые записки Академии  
наук СССР. 1959, № 10, 26.2.

DRAFT STATE U.  
DISCUSSION  
Dissertation for degree of  
Candidate Biological Sciences

SOBIYEVA, O.B.; ROBINSON, V.Ye.

Modification of the intestinal pancreatic fistula. Fiziol.zhur. 39 no.5:629-  
631 S-0 '53. (MLRA 6:10)

1. Kafedra anatomii i fiziologii Ryazanskogo pedagogicheskogo instituta.  
(Surgical instruments and apparatus)

USSR/Biology - Physiology

FD-2281

Card 1/1      Pub 33-12/18

Author : Sobiyeva, O. B.; Bregadze, I. L.

Title : A new modification in esophagostomy

Periodical : Fiziol. zhur. 40, 604-605, Sep-Oct 1954

Abstract : Describes an improved method for an esophagostomy on dogs which greatly reduces subsequent loss of saliva through the stoma. Photographs. Four references, all USSR (3 since 1940).

Institution: The Chair of Human and Animal Anatomy and Physiology of the Ryazanskiy Pedagogical Institute

Submitted : July 7, 1953

SOBIYEVA, O.B.

Enteropancreatic fistula bringing the intestine into a skin flap.  
Fiziol.zhur. 42 no.10:914-916 0 '56. (MIRA 9:12)

1. Kafedra anatomii i fiziologii Ryazanskogo pedagogicheskogo  
instituta.

(DUDENUM, surgery,  
form. of duodenopancreatic fistula with bringing  
intestine into skin pouch for observation on secretions  
in dog (Rus))  
(PANCHEAS, surgery,  
same)

SQBIIYEVA, O.B.

Effect of hydrochloric acid of various quantities and different concentrations on pancreatic secretion. Biul.eksp.biol. i med. 43 no.1 supplement:102-105 '57. (MIRA 10:3)

1. Iz kafedry anatomii i fiziologii cheloveka i zhivotnykh (zav. - prof. V.Ye.Robinson) Ryazanskogo pedagogicheskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR P.S.Kupalovym.

(PANCREAS, physiol.

secretion, eff. of HCl infusion into stomach in dogs)

(HYDROCHLORIC ACID, eff.

infusion into stomach, eff. on pancreatic secretion  
in dogs)

SOBILEVA, O.B.; SIVETSOVA, V.P.; LUTSENKO, L.A.; SHVAL'BE, A.L.

Influence of infusions of red pepper and mustard on the reflex phase  
of gastric secretion. Fiziol. zhur. 47 no.6:758-763 Je '61.  
(MIRA 15:1)

1. From the Department of Physiology Paedagogical Institute, Riazan.  
(STOMACH SECRETIONS) (CAPSICUM PHYSIOLOGICAL EFFECT)  
(MUSTARD PHYSIOLOGICAL EFFECT)

SOBIYEVA, Z. I.

Immunology

Dissertation: "Practise of experimental analysis of Disease Mechanisms of Anaerobic Infections." Cand Med Sci USSR, 6 April 54. (Vechernaya Moskva, Moscow, 24 Mar 54).

SO: SUM 213, 20 Sep 54

SOBIYEVA, O.B., dotsent

Use of a modification of the enteropancreatic fistula in instruction. Uch.zap.RGPI 13:275-278 '56. (MIRA 12:8)  
(Fistula)

SOBIYEVA, O.B., dotsent

Mode of action of hydrochloric acid on pancreatic secretion.  
Uch.zap.RGPI 13:335-342 '56. (MIRA 12:8)  
(Pancreas--Secretions) (Hydrochloric acid)

USSR / General Problems of Pathology. Pathophysiology U-3  
of Infectious Process.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70741.

Author : Sobiyeva Z. I.

Inst : Not given.

Title : Peculiarities of Anaerobic Infection in Cases of  
Injury to the Cerebral Cortex.

Orig Pub: Byul. Eksperim. biol. i meditsiny. 1956, 42, No 10,  
15-18.

Abstract: The mortality rate of rats caused by anaerobic  
infection showed a marked decrease after extirpa-  
tion of large sections of the cerebral cortex was  
made three to thirty days before infection was  
induced. Inhibition of the infection process  
depends on the area of the inflicted trauma.  
Changes in the response of the animal were more

Card 1/2

20-3-59/59

AUTHORS: Ostryy, C. Ya. and Sobiyeva, Z. I.

TITLE: On Phase Variations in the Reactivity of the Organism in the Pathogenicity of Gas Infection (O fazovykh izmeneniyakh reaktivnosti organizma v patogeneze gazovoy infektsii).

PERIODICAL: Doklady Akademii Nauk, 1957, Vol. 115, Nr 3, pp. 633-635 (USSR).

ABSTRACT: In the study of the pathogenicity of the gas gangrene the authors noticed the fact that the same operation caused different effect according to the development of the stage of the disease. The time factor gained here special importance. It was noticed that in most cases the development of an anaerobic infection could be prevented by such operations as novocainization of the muscles, separation of the three main nerves, or cutting the afferent nerves of an extremity, but only if these operations were performed before or at the moment of the infection. The same operative treatments, performed several hours after the infection, exercised a negative effect and sometimes even deteriorated the course of the infection process by accelerating the death of the animals. In order to determine the analysis of the alteration of the reactivity of the central nervous system in the course of the development of the toxic-infective process and on the search for any phase

Card 1/4

20-3-59/59

On Phase Variations in the Reactivity of the Organism  
in the Pathogeny of Gas Infection.

in the central nervous system between the excitation and retardation process. It could be assumed that these reactivity alterations are connected with the pathogenous irritations arriving constantly from the infection focus at the central nervous system. This appears from former experiments of the author. They had shown that the development of the infection and of the intoxication process can take place only when the afferent nervous tracks are intact. If they are stopped by drugs (novocaine) or by surgical means the development of the mentioned process in gas gangrene is prevented. One succeeded to explain that in the course of the development of the disease the nervous system of the animal changes its reactivity in consequence of the pathogenous irritations effected by the focus of the pathological process. The pathogeny is based upon these pathogenous effects which cause the phase alterations of the reactivity of the organism. For this very reason not only the character of the operation but also the pathogenetic phase, during which the operation can cause a corresponding effect, has to be taken into account when the experimental prophylaxis and the therapeutics are worked out.

There are 2 tables and 7 Slavic references.

Card 3/4

USSR/General Problems of Pathology. Pathological Physiology of Infection U-3

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61011

Author : Sobiyeva Z.I., Ostryy O.Ya.

Inst : Academy of Sciences USSR

Title : Physiological Indicators of Changes in the Functional Condition of the Nervous System at Different Stages of a Progressing Gas Infection

Orig Pub : Dokl. AN SSR, 1957, 115, No 5, 1037-1039

Abstract : In 27 mice infected in the muscle of the shank with a culture of vibrio septique with 2.5 percent solution of  $\text{CaCl}_2$  added, the rheobasis indicators increased accordingly with the progress of the infection, chronaxia became prolonged, and the critical frequency of summation decreased. These changes corresponded to the 2nd phase of parabiosis. Changes of the stimulation of the respiratory and vascular-motor centers also occurred in 2 stages: for 18 hours stimulation was increased, and later it decreased.

Card : 1/1

*Surst Normal & Pathologicheskaya Fizika, AMN SSSR*

OSTRYY, O.Ya.; SOBIYEVA, Z.I.

Neural compensation in an infectious process and asymptomatic infection. Trudy Inst. norm. i pat. fiziol. AMN SSSR no.1:  
23-36 '58 (MIRA 16:12)

1. Iz laboratorii infektsionnoy patologii (zav. - chlen korrespondent AMN SSSR prof. A.Ya. Alymov) otdela obshchey i eksperimental'noy patologii (zav. - akademik A.D.Speranskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

OSTRYY, O.Ya.; SOBIYEVA, Z.I.

Changes in the antigenic structure of the muscle tissue due to  
neural dystrophy. Dokl.AN SSSR 138 no.5:1241-1244 Je '61.  
(MIRA 14:6)

1. Institut normal'noy i patologicheskoy fiziologii Akademii  
meditsinskikh ~~nauk~~ SSSR. Predstavлено академиком V.N.Ghernigovskim.  
(MUSCLE) (NERVES) (ANTIGENS AND ANTIBODIES)

7

OSTRYY, O.YA., SOBIEVA, Z.I., SKVIRSKAYA, E.A., MAGAYEVA, S.V.,  
BABAYAN, S.A., STROKOVA, L.G., VAKAR, M.D., AZHIPA, YA.I.

"The trophic function of the nervous system and the nervous  
dystrophic process."

Report submitted, but not presented at the 22nd International  
Congress of Physiological Sciences.  
Leiden, the Netherlands 10-17 Sep 1962

OSTRYY, O.Ya.; SOBIYEVA, Z.I.

Some characteristics of changes in the composition of the protein fractions of the blood and muscles and the antigenic structure of the latter during the development of a neurodystrophic process. Trudy Inst. norm. i pat. fiziol. AMN SSSR  
6:133-135 '62 (MIRA 17:1)

1. Laboratoriya nervnoy trofiki (zav. - doktor med. nauk O. Ya. Ostryy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

SOBOL'YEV', A.I. (Moskva)

Changes of the reactivity of the organism under the influence  
of the growth of transplanted tumors. Fiz. fiziol. i eksp.  
terap. 6 no.4:75-76 Jl-Ag '62. (MFRA 17:8)

2. Iz laboratorii nervnoy tsifiki (zav. - doktor med. nauk  
O.Ya. Ostryy) Instituta normal'nyy i patologicheskoy fiziologii  
(dir. - deyatel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR.

SOBKEVICH, I.M.

Influence of blood transfusion on carbonic anhydrase in acute sepsis.  
Zdrav. Belor. 5 no.10:57-58 O '59. (MIRA 13:2)

1. Starshiy ordinator khirurgicheskogo otdeleniya Okruzhnogo voyen-nogo gospitalya.  
(CARBONIC ANHYDRASE) (SEPTICEMIA) (BLOOD--TRANSFUSION)

SOBKEVICH, I.M., podpolkovnik meditsinskoy sluzhby

Repeated perforation of a duodenal ulcer in the same place. Zdrav.  
Belor. 5 no.1:59 Ja '60. (MIRA 13:5)

1. Iz khirurgicheskogo otdeleniya (nachal'nik otdeleniya - polkovnik  
medsluzhby Ye.Ye. Bonch-Osmolovskiy) Okruzhnogo voyennogo gospitalya  
(nachal'nik - polkovnik medsluzhby M.V. Khiteyev).  
(DUODENUM--ULCERS)

*Sobkin, I.B.*

BORZENKOV, K.N.; SOBKIN, I.B.; KRIGER, S.M.

Negative results of penicillin therapy in acute gonorrhea. Vest.  
vener. no.2:53-54 Mr-Ap '50. (CIML 19:3)

1. Of the Skin-Venereal Division of the Amalgamated Polyclinic  
of the Ministry for Ways of Communication (Head of Polyclinic --  
Colonel V.P.Gutkin; Head of Division -- S.M.Kriger; Consultant --  
Prof. M.A.Zaigrayev).

SERBIN, I.B.  
PORUDOMINSKIY, I.M., ARTEM'YEV, S.A., VARSHAVSKIY, B.V., IOFFE, V.Ye.  
KRIGER, S.M., SOBKIN, I.B.

Incidence, causes, and features of the clinical course of gonorrhea  
reinfection in males [with summary in English]. Vest.derm. i ven.  
(MIRA 11:7)  
32 no.3:42-46 My-Je '58

1. Iz otdela gonorei (zav. - prof. I.M. Porudominskiy) TSentral'nogo  
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta  
(direktor - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya  
RSFSR. 2. TSentral'nyy kozhno-venerologicheskiy institut  
(for Artem'yev). 3. 4-y Moskovskiy kozhno-venerologicheskiy  
dispanser (for Varshavskiy). 4. 2-y Moskovskiy kozhno-venerologicheskiy  
dispanser. 5. Ob'yedinennaya poliklinika Ministerstva putey  
soobshcheniya (for Sobkin).

(GONORRHEA,  
reinfect., incidence & clin. course (Rus))

SOBKIN, S.I., inzhener.

Oxygen blasting of Khalilovo-type synthetic cast iron in a basic  
converter. Sbor.trud.TSMIICHM no.13:300-339 '56. (MLRA 9:11)  
(Khalilovo--Cast iron)  
(Oxygen--Industrial applications)

SOV/137-57-11-21100 D

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 68 (USSR)

AUTHOR: Sobkin, S.I.

TITLE: Some Problems of the Steelmaking Conversion of Charges  
Containing Chromium (Nekotoryye voprosy staleplavil'nogo  
peredela khromsoderkhashchikh shikht)

ABSTRACT: Bibliographic entry on the Author's dissertation for the de-  
gree of Candidate of Technical Sciences, presented to the  
Mosk. in-t stali (Moscow Steel Institute), Moscow, 1957

ASSOCIATION: Mosk. in-t stali (Moscow Steel Institute), Moscow

Card 1/1

37236

S/148/62/000/003/001/011  
E071/E43518.3200  
AUTHOR:Sobkin, S.I.

TITLE:

Desulphurization of metal in a basic, side oxygen blown converter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Chernaya metallurgiya, no.3, 1962, 38-52

TEXT: The process of desulphurization of metal in a basic converter side blown with oxygen and oxygen enriched blast was investigated on the Kuznetskiy metallurgicheskiy kombinat (KMK) (Kuznetsk Metallurgical Combine) and Novo-Tul'skiy metallurgicheskiy zavod (NTMZ) (Novo-Tul'skiy Metallurgical Works). In KMK a high phosphorus iron (0.9 to 2.0 P) with normal and increased sulphur content was processed in a basic oxygen blown converter. The oxygen (6 to 8 atm) was supplied through a water cooled tuyere (of the G.P. Ivantsev system) introduced from the side of the converter and immersed 100 to 150 mm below the level of the metal. In NTMZ basic iron with normal (up to 0.06%) and increased (up to 0.17%) sulphur content was blown with air enriched to 35 to 40% with oxygen. The blast (0.7 to 1.5 atm)

Card 1/3

SOBKIN, S.I.

Characteristics of the technology of steelmaking by the chromium-reduction process in basic open-hearth furnaces. Izv.vys.ucheb. zav.; chern.met. 5 no.4:37-44 '62. (MIRA 15:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii.  
(Chromium steel--Metallurgy)

SOBKIN, S.I.

Chromium distribution between the metal and basic open-hearth  
slag. Izv. vys. ucheb. zav.; chern. met. 6 no.2:45-57 '63.  
(MIRA 16:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy  
metallurgii.

(Open-hearth process) (Slag--Analysis)  
(Chromium--Analysis)

SOBRIN, Vasilii Ivanovich, cataloguer; SEAGORIEISKY,  
B.S., red.

[Accurate calculation] Iccanyi raspish. Volgograd,  
Nizhne-Volzhskoe knizhnoe izd-vo, 1964. 24 p.  
(MIRA 18:2)

SHUMOVA, Zinaida Ivanovna; SOBKINA, Irina Viktorovna; GUSMAN, M.T., redaktor;  
KOVAL'eva, A.A., vedushchiy redaktor; SHIKIN, S.T., tekhnicheskiy  
redaktor

[Concise manual on turbine drills] Kratkii spravochnik po turboburam.  
Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry.  
1956. 141 p.  
(Boring machinery)

(MLRA 9:10)

GUSMAN, M.T.; NIKITIN, G.M.; SOBKINA, I.V.

Some results in operations with multisectioal turbodrills. Trudy  
(MIRA 18:5)  
VNIIIBT no.14:140-150 '65.

SOBK0, A.A., kand.sel'skokhoz.nauk; GORYANSKIY, M.M., kand.sel'skokhoz.nauk  
(Kherson)

Effectiveness of crop irrigation in the southern Ukraine. Gidr. i  
mel. 16 no.2:3-12 F '64. (MIRA 17:3)

SUBED, n.c.

Electrolytical plating machine for the plating of plates.  
Sek. I Rep. 22 no. 133 Je '65. (MIRA 18:6)

SOBK0, A.I.

A useful beginning. Vest.sviazi 17 no.8:26-27 Ag '57.  
(MIRA 10:10)

1.Nachal'nik L'vovskogo oblastnogo upravleniya svyazi.  
(Lvov Province--Technical education)

6(2)  
AUTHORS:

Sobko, A. I., Chief and Belen'kiy, Ye. Z., Chief  
For Wider Dissemination of the Experience in the Opera-  
tion of the School Post

SOV/111.59-3-24/30

TITLE:

PERIODICAL:

Vestnik svyazi, 1959, Nr 8, p 29 (USSR)

ABSTRACT:

This article outlines the operation of the school post at the secondary school in the village of Verkhniye Bilki in the Vinnikovskiy rayon of the L'vov Oblast, originally described in the article "A Useful Beginning" (Vestnik svyazi, 1957, Nr 8), and mentions other activities in connection with the school post. There are groups for the study of postal and telegraphic communications, and radiofication; the school also has an operating radio center. Through the school post have been supplied with 3 workers: Koval' Mariya, post and telegraph agent at the L'vov post office, and Mariya and Stefaniya Maksimets, chiefs of the communications sections in Shernushhevichi and Verkhniye Bilki respectively. A. A. Gnatoskiy, supervisor of the Vinnikovskaya kontora svyazi (Vinniki

Card 1/2

Ca

SOBKO, A.I.

Protection of the interests of the radio and television audience.  
Vest. sviazi 20 no.7:7 Jl '60. (MIRA 13:11)

1. Nachal'nik L'vovskogo oblastnogo upravleniya svyazi.  
(Radio--Interference) (Television--Interference)

1

KULESKO, I.I., prof.; SOKO, A.I., nauchnyy sotrudnik

Diffusicon precipitation reaction on the agar plate for the  
diagnosis of hog cholera. Veterinaria 37 no.10:68-73 0  
'60. (MIRA 15:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy  
veterinarii. 2. Chlen-korrespondent Vsesoyuznoy akademii  
sel'skokhozyaystvennykh nauk imeni Lenina (for Kulesko).  
(Hog cholera)

K.V. Sav., T.I., prof.; SOBKU, A.I., starshiy nauchnyy sotrudnik

Pathologic visual changes in ribs during hog cholera. Veterinaria  
41 no. 9:34-36. 3 '64. (MIRA 18:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy  
veterinarii. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skogo -  
**svyazannyykh** nauk im. V.I.Lenina. (for Kulcsko).