

MONTHLY LIST OF RUSSIAN ICCESSIONS. Library of Congress, March 1950. UNCLASSIAND.

- 1. MAHOYLEMKO, A. P.
- 2. UUSR (600)
- 4. Dairy Cattle
- 7. Successes of the dairy section of the "Zhovten'" Collective Farm. Sots. zhiv. 14, no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1973. Unclassified.

3/068/60/000/003/001/003 E071/E233

AUTHORS:

Nechiporenko, N. N. and Manoylenko, B. R.

TITLE:

Oxidative Desulphurisation of Benzole

PERIODICAL:

Koks i khimiya, 1960, No. 3, pp. 37-42

The possibility of desulphurising benzole by oxidation of sulphurous compounds to oxygen derivatives of sulphur by active or activated oxygen, obtained electrochemically or catalytically was investigated. The results of this investigation are described in the paper. The experiments were made with pure benzene to which either 0.91 or 0.50% of thiophene were added. The diagram of the apparatus for the anodic oxidation of thiophene in benzole is shown in Fig. 1. The anode and cathode were separated by a porous diaphragm made from Schott filter. The anode and cathode were made from platinum strip of a surface area of 12.6 and 15.5 cm respectively. The anode current density was varied from 0.2 to 0.94 A/cm² and the electrolytic temperature 25-27 29-30°C respectively. The sulphur containing benzole was fed continuously (through the bottom of the vessel) into the anode section while the electrolyte (340 g/l of (NH4)2SO4 and 80 g/l of

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Oxidative Desulphurisation of Benzole

H2SO4) was fed from the top into the cathode section of the electrolyser. The benzole and electrolyte in the anode section were continuously stirred. The gas evolved during the electrolysis together with benzole vapours was passed through a condenser, where benzene was condensed and returned into the electrolyser. The electrolytically treated benzene was washed with a 20% solution of sodium hydroxide and redistilled. the degree of desulphurisation obtained was measured by the bromine number (Ref. The experimental results are given in Table 1. The best results were obtained at a current density of 0.47 A/cm2 when up to 50% desulphurisation was obtained. A further increase in the current density (0.94 A/cm²) leads to a decrease in the effectiveness of the process. An addition of 5 g/l of sodium chloride (experiments 11-13) improved considerably the desulphurising effect. In the experiments 14 and 15 an electrolyte containing 100 g/l of (NH₄)2SO₄, 550 g/l of H₂SO₄ and 50 g/l of M₂SO₄ also gave good desulphurising results. However, in the latter case the formation of manganic acid was observed, so that a partial Card 2/4

S/068/60/000/003/001/003 E071/E233

Oxidative Desulphurisation of Benzole

oxidation of thiophene due to secondary reactions is possible. Oxidation of thiophene in benzole by oxidants at 85°C was also tried. The experimental procedure consisted of bubbling benzole vapours through a layer of (165 mm high) acid solutions of ammonium persulphate, potassium bichromate, potassium permanganate and hydrogen peroxide. The experimental results confirm that, in principle, the desulphurisation of benzole by this method is possible. Oxidising catalytic desulphurisation of benzole was tested by passing air-benzole mixture through a furnace heated to 250-380°C filled with various catalysts. As catalysts the following substances were used: 1) Pretreated activated carbon. The pretreatment consisted of extraction of silica with fluoride compounds, saturation with a solution of ferrous sulphate, precipitation of ferrous hydroxide with ammonia and ignition of the contact mass at 600°C. The product obtained contained about 1% of Fe203. 2) The second type of catalyst was made from Chasov-Yar clay by saturation with ferric nitrate and ferric hydroxide precipitated with ammonia, washed from alkali ions and ignited at

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S/068/60/000/003/001/003 E071/E233

Oxidative Desulphurisation of Benzole

600°C. The catalyst contained about 10% of ferric oxide. This catalyst was also made in two additional modifications: a) containing phosphates and b) phosphates and a homogeneous oxygen transferring medium (not specified). In all experiments 25 ml of the catalyst was placed into the furnace; velocity of air stream -500 ml/min, and of benzole (containing 0.5% of thiophene) 75 ml/hr. The experimental results are given in Table 3. The best results (practically complete elimination of thiophene) were obtained with the clay catalyst activated with phosphates and containing some homogeneous oxygen transferring agents. It was also confirmed that on catalytic oxidation thiophene is completely oxidised to sulphuric acid. It is concluded that the possibility of oxidising resistant sulphurous organic compounds was proved in principle and that the catalytic method is most effective. The process however, requires further studies on a larger scale. There are 3 figures, 3 tables and 13 references: 11 Soviet and 2 non-Soviet.

ASSOCIATION:

Khar kovskiy politekhnicheskiy institut

(Kharkov Polytechnical Institute)

Card 4/4

5/068/62/000/012/001/001 E071/E436

AUTHORS:

Nechiporenko, N.N., Kakulin, G.P., Fedorchenko, I.G.,

Manoylenko, B.R.

TITLE:

An investigation of the process of chlorination of

thiophene

PERIODICAL: Koks i khimiya, no.12, 1962, 43-45

In view of the possibility of applying chlorine for the production of a high purity benzene, the authors investigated the process of chlorination of thiophene dissolved in benzene in order to establish the necessary amount of chlorine for a complete purification of benzole from thiophene. In addition, the influence of temperature and velocity of supply of chlorine to the reactor on the degree of purification of benzole with a given thiophene content was studied. The apparatus consisted of a reactor fitted with a mercury scaled stirrer, thermometer and inlet and outlet for chlorine. The outlet gases (air and traces of chlcrine) were scrubbed in a solution of potassium iodide, crystalline sodium hydroxide (for NC1) and activated carbon (for benzene vapours). A cryoscopic benzene with an addition of 1% of thiophene was used Card 1/2

for experiments. The purification process was followed by the bromine number, determined by the bromide-bromate method. It was established that the degree of purification of benzole depends mainly on the amount of the reagent used and is practically independent of temperature (7 to 40°C) and rate of supply of chlorine. Refining with chlorine can produce a product practically free from thiophene. For a complete purification of benzole from thiophene, it is necessary to use 1.5 to 2.0 weight units of chlorine per 1 weight unit of thiophene. There are 1 figure and 3 tables.

ASSOCIATION: Khar!kovskiy politekhnicheskiy institut (Khar!kov Polytechnic Institute)

Card 2/2

MANOYLENKO, K.V.; KONOVALOV, I.N.; ZHUYKOVA, I.V.

Study of the combined effect of gibberellin, heteroauxin and mineral nutrition on woody plants. Fot.zhur. 49 no.ll:1600-1608 N *64. (MIRA 18:1)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.

MANOY LENKO. Kseniya Viktorovna; BAKHTEYEV, F.Kh., prof., retsenzent; KANAYEV, I.I., prof., retsenzent; KONOVALOV, I.N., prof., retsenzent; YAKOVLEV, M.S., prof., retsenzent; RAYKOV, B.Ye., zasl. deyatel nauki prof., otv. red.

Nikolai Ivanovich Zheleznov. Moskva, Nauka, 1965. 203 p. (MIRA 18:12)

OBNORSKIY, V.; LITYAGIN, A.; YASTREBOV, G., slesar (Chirchik); MANOYLENKO, L.

This is the way we are living. Izobr.i rats. no.5 (201):28-29
(MIRA 16:7)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov Vsesoyuznogo gosudarstvennogo proyektnogo instituta strčitel'stva elektrostantsiy (for Obnorskiy). 2. Starshiy inzh. Tul'skogo oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov (for Lityagin). 3. Chlen Soyuza zhurnalistov SSR for Yastrebov). 4. Predsedatel' Soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov Rubezhanskogo khimicheskogo zavoda (for Manoylenko).

(Technological innovations)

MATVIYENKO, I.N., mladshiy nauchnyy sotrudnik; Pri uchastii: MANOYLENKO S.M., vrach

Experience in outpatient service for patients with various pruritic dermatoses in a machine manufacturing plant. Vest. derm.i ven. [35] no.2:70-73 F *61. (MIRA 14:3)

1. Iz kozhnogo otdela (zav. - prof. Z.N. Grzhebin) Ukrainskogo nauchno-issledovatel kkogo kozhno-venerologicheskogo instituta (dir. - dotsent A.I. lyatikop).

(PHURITUS) (MEDICINE, INDUSTRIAL)

VYCHEGZHANIN, A. G., nauchnyy sotrudnik; SHKYNIN, B. Ya., nauchnyy sotrudnik; KARAMYSHEV, V. B., nauchnyy sotrudnik; GETMANETS, I. Ya., nauchnyy sotrudnik; MANOYLENKO, S. M., vrach (Xhar'kov)

Influence of washing solutions and cooling and lubricating liquids on the skin of machine shop workers. Vrach. delo no.6: 124-126 Je '62. (MIRA 15:7)

(MACHINERY INDUSTRY WORKERS DISEASES AND HYGIENE)
(SKIN DISEASES)

MANOYLENKO, V.D., inzh.

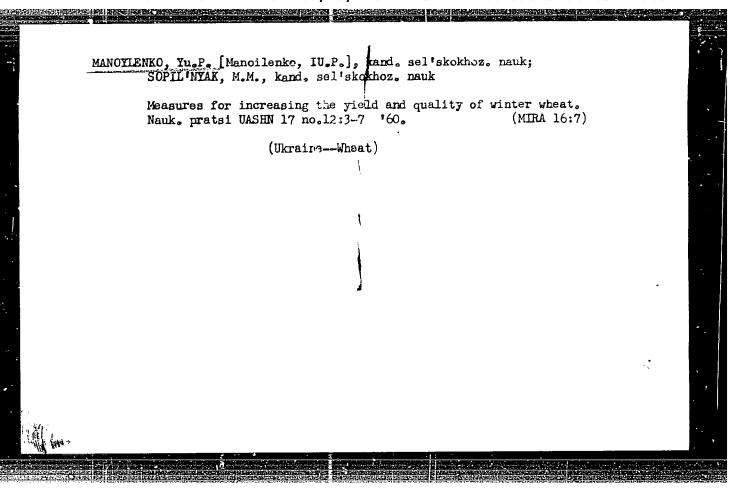
Calculating maximum working stroke and minimum length of cylindrical compression springs with a circular cross section of wire. Vest. mashinostr. 45 no.7:30-32 Jl '65.

(MIRA 18:10)

MANOYLENKO, Ye.F., kand.sel'skokhoryaystvennykh nauk, dotsent

Physiological investigation of plants afflicted with wildfire.
Nauch. trudy UASHN 10:121-130 '60. (MIRA 14:3)

(Plant diseases)



MANOYLINA, A.P. (Kiyev)

Improve the work of subprofessional medical personnel. Sov. zdrav. 21 no.10:60-65 '62. (MIRA 15:10)

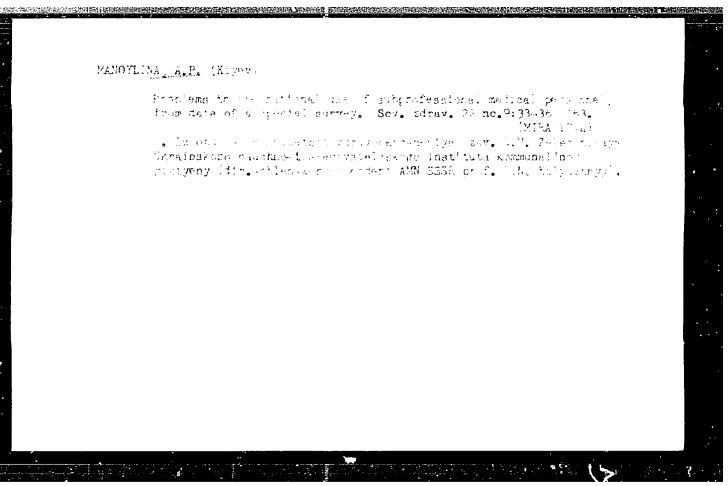
l. Iz otdela organizatsii zdravookhraneniya (zav. G.M.Zelezinskaya, nauchnyy rukovoditel' - prof. S.S.Kagan) Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (dir. - chlenkorrespondent AMN SSSR prof. D.N.Kalyuzhnyy).

(MEDICAL PERSONNEL)

MANOTLINA, A.P. (Kiyev)

Rationalization of the work of subprofessional medical personnel in a rural area. Sovet. zdravookhy. 12 no.1838-41 'c3 (MTRA 1°c2)

1. Is Ukrainskogo nau hno-issled.water'skogo instituta kommunal'noy gigiyeny.



Meterbrick, A.d., prud.; AM PAL TURIT, i.N., kand. tekhn. news; is ubd V., 2011., inzn.; AdW Pa., a.Ye. and Manuage and waste disponent set of throughout the control of the operation machine units. Inv. vys. a neb. zero., eco. and a.d. in 16:10 10:10 1

MAHOYIO, F. Raise the standard of the economic work of Latvian finance agencies. Fin. SSR 15 no.10:38-42 0'54. (MLRA 8:2) 1. Ministr finansov Latviyskoy SSR. (Latvia—Finance)

MANOYLO, F. Enlist the participation of volunteers in financial control more widely. Fin.SSSR 23 no.11:8-12 N '62. (MIRA 15:12) 1. Zamestitel' ministra finansov SSSR. (Anditing and inspection) (Finance)

22(3)

SOV/178-58-7-4/24

AUTHOR:

Manoylo, I., Lieutenant Colonel

TITLE:

Socialist Competition is an Important Stimulus (Sotsialisticheskoye sorevnovaniye - vazhnyy stimul)

PERIODICAL:

Voyennyy svyazist, 1958, Nr 7, pp 14 - 15 (USSR)

ABSTRACT:

The author states that the soldiers, NCO's and officers of his unit are proud of serving in a unit with a glorious military history. In honor of the 40th anniversary since the activation of this unit, a socialist competition was started. The socialist competition, in this case, does not only comprise the military and technical training of this Signal Corps unit, but the political activity as

well. There is 1 photograph.

Card 1/1

MANOYLO, I., podpolkovnik

Formation of young officers. Voen.vest. 43 no.11:117-120 N
(MIRA 15:12)

GALENKO, M.D. [Halenko, M.D.], starshiy nauchnyy sotrudnik; MANOYLO, M.A., starshiy nauchnyy sotrudnik

Use more efficiently hay mowers in pea harvesting. Mekh. sil'. hosp. 14 no.6:6-8 Je '63. (MIRA 17:3)

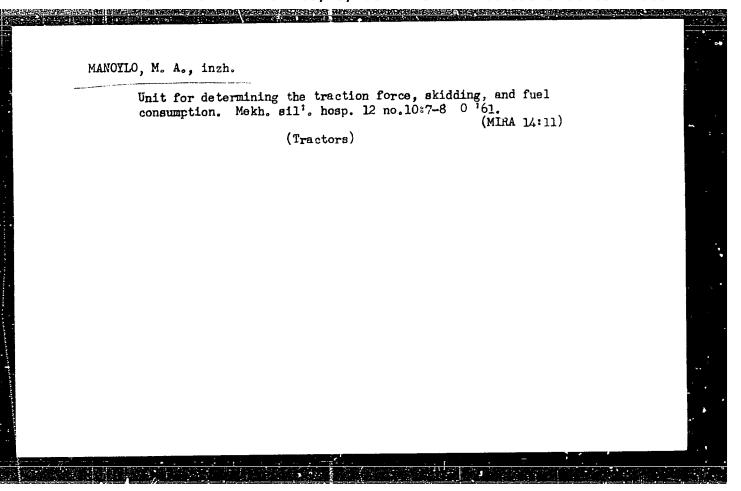
1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

GALENKO, M.D. [Halenko, M.D.], starshiy nauchnyy sotrudnik; MANOYLO, M.A., starshiy nauchnyy sotrudnik; TIMOSHENKO, G.G. [Tymoshenko, H.H.], starshiy nauchnyy sotrudnik

Using machinery in the cultivation of peas. Mekh. sil'. hosp. 12
no. 3:22-24 Mr '61. (MIRA 14:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

(Peas) (Agricultural machinery)



VERNANDER, Natal'ya Borisovna; MANOYLO, N.P., red.

[Soil geography with the principles of soil science]
Geografiia hruntiv z osnovami hruntoznavstva. Kyiv,
Radians'ka shkola, 1965. 179 p. (MIRA 18:7)

MANOY16 S A.

125-58-5-12/13

AUTHORS:

Potap'yevskiy, A.G., Gologovskiy, G.M., and Manoylo, S.A.

TITLE:

Semi-Automatic Device for Welding Thin-Sheet Steel Under Assembly Conditions (Poluavtomat dlya svarki tonkolistovoy

stali v montazhnykh usloviyakh)

PERIODICAL:

Avtomaticheskaya Svarka, 1958, Nr 5, pp 89-91 (USSR)

ABSTRACT:

A semi-automatic device for arc welding in carbon dioxide has been especially devised for assembling sheet metal structures. It permits welding in any position. The feed mechanism which weighs only 3 kg, is placed in a small knapsack carried by the operator on the back. It does not hamper the operator. The design and operation information is illustrated by a drawing and an electric diagram. The device is designed by the Electric Welding Institute imeni Paton and built at the Kiyev Mechanical Plant. There are 2 figures and 3 Soviet

Card 1/2

references.

125-58-5-12/13

Semi-Automatic Device for Welding Thin-Sheet Under Assembly Conditions

ASSOCIATION: Institut elektrosvarki imeni Ye.O. Patona AN UKrSSR (Welding

Institute imeni Ye.O. Paton of the AS UkrSSR) and Kiyevskiy

mechanicheskiy zavod (Kiyev Mechanical Plant)

SUBMITTED: February 22, 1958

AVAILABLE: Library of Congress

Card 2/2

MANOYLOV, D.

Experience of the Lower-Irtysh steamship line in towing vessels by pushing. Mor. i rech.flot 14 no.8:13-15 Ag 154. (MIRA 7:8)

l. Hachal'nik konstruktorskogo otdela Hishne-Irtyshskogo parokhodstva.

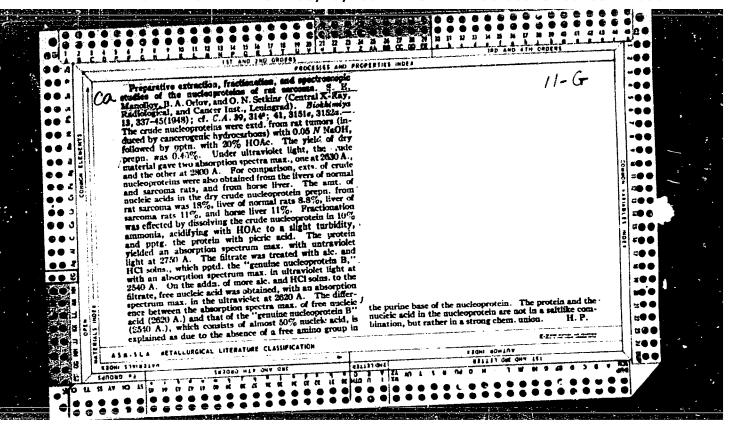
(Irtysh river--Towing)

MANOYLOV, I. In collaboration with collective and state farms. From.koop. 14 no.9:24-25 5 '60. (MIRA 13:11) 1. Predsedatel' pravleniya Krymskogo oblpromsoveta, g.Simferopol'. (Crimea--Service industries)

MANOYLOV, S. YE

25805 Manoylov, S. Ye Uproshonen - NYY Hetod Opreteleniya Aktivogo I
Ostatodinogo Enlora V Vode I Khlornoy Izvesti. Vode. - Ked. Ziminal,
1948, No. 6, S 53 - 54.

S0: Letopis' Zburnal Statem, No. 36, Noscow, 1948



| MAN GYLOV, S.YE. | the hypothesis and albumin in a smine group of a lorre 7 May 49. | Acid and Adenine With Amino Acide Acid and Adenine With Amino Acide Cen X-ray, Radiol and Cancer Inst The Took Ak Nauk SSER" Vol LIVII, No tra, fermentative synthesis of a pounds for which only a pentide of between the amino group of adeni group of tyrosine, and absence o hypcanthine-tyrosine system are | user/) be dicine - I |
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| | Nucleic Acid (Contd) Jul 49 of a connection between nucleic acid a true nucleoproteid through the adenine. Submitted by Acad A. F. | "The Fermentative Synthesis of Compounds of Nucleic Acid and Adenine With Amino Acids," S. Ye. Manoylow. Cen X-ray, Radiol and Cancer Inst, Leningrad, 3.7%, Ply Took Ak Nauk SSSR" Vol LXVII, No 2 "Dok Ak Nauk SSSR" Vol LXVII, No 2 From experimental data and study of absorption spectrs, fermentative synthesis of adenine-tyrosine compounds for which only a pentide connection is passible between the amino group of adenine and the carboxyl between the amino group of adenine and the carboxyl hypoanthine-tyrosine, and absence of synthesis in the hypoanthine-tyrosine system are sufficient proof of hypoanthine-tyrosine system are sufficient proof of | Sucleic Loid Blochemistry |
| | Jul 49 nucleic acid cough the hoad A. F. | of Nucleic [a. Manoylow, grad, 35% pp arrive spectification tyrosine com- m is parable the carboxyl esis in the ent proof of 54/49762 | OF THE |

MANOYLOV, S. YE.

USSR/Physics- Photochemistry Ultraviolet Radiation

1 Nov 49

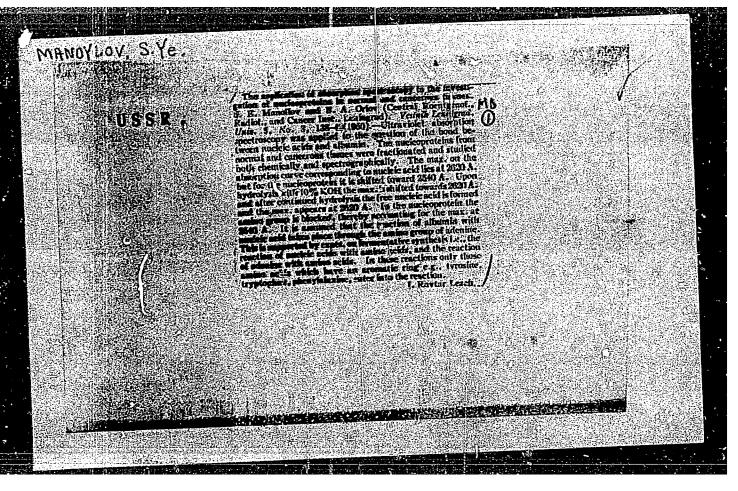
"Photochemical Variations in Protein, Amino Acids, and Nucleonic Acids Subjected to Ultraviolet Radiation," M. P. Bukhman, S. Ye. Manoylov, State Opt Inst, 4 pp

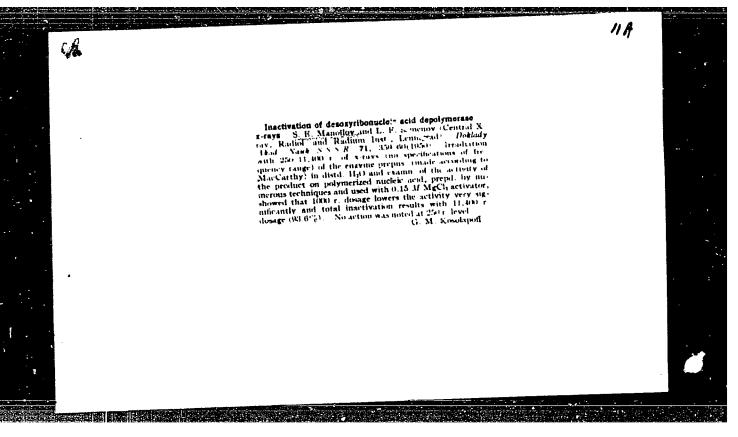
" Dok Ak Nauk SSSR" Vol LXIX, No 1

Experiments show specific photochemical reaction goes on as result of illumination of some organic substances found in cells, particularly in protein and nucleonic acid. Suggests this phenomenon can be used to determine some substances which make up cells in histological preparations. Submitted by Acad S. I. Vavilov 16 Au; 49.

PA 156T87

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001032210001-1





MANOYLOV, S. Ye.

USSR/Medicine - Tumors

Apr 52

"Problem of the Liberation of Nucleic Acids Upon Injury of Normal and Tumor Tissues," S. N. Aleksandrov, S. Ye. Manoylov, B. A. Orlov, Cen X-Ray, Radiol, and Cancer Inst, Min of Pub Health USSR, Leningrad

"Dok Ak Nauk SSSR" Vol LXXXIII, No 5, pp 725-728

When the action of hypotonic Ringer solns or of heat leads to a reversible injury, ribonucleic acid is liberated by the cell proteins of tissue slices subsequently excised for examination; when the injury is irreversible (i.e., permanent), descoyribonucleic acid is liberated.

LARIONOV, L.F.; MANOYLOV, S.Ye., doktor meditsinskikh nauk, zaveduyushchiy; RYSKINA, S.I.; SONOKINA, Te.L.; POBEDINSKIY, M.N., professor, direktor.

Bischemical changes of nucleoproteids of malignant tumors under the effect of X-rays. Vest.rent.i rad. no.3:3-6 My-Je 153. (MLRA 6:8)

1. Biokhimicheskoye otdeleniye TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR (for Manoylov, Larionov, Ryskina and Sorokina). 2. TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut Ministerstva zdravookhraneniya SSSR (for Pobedinskiy).

(Tumors) (X-rays--Therapeutic use)

MANOYLOV, S. E.

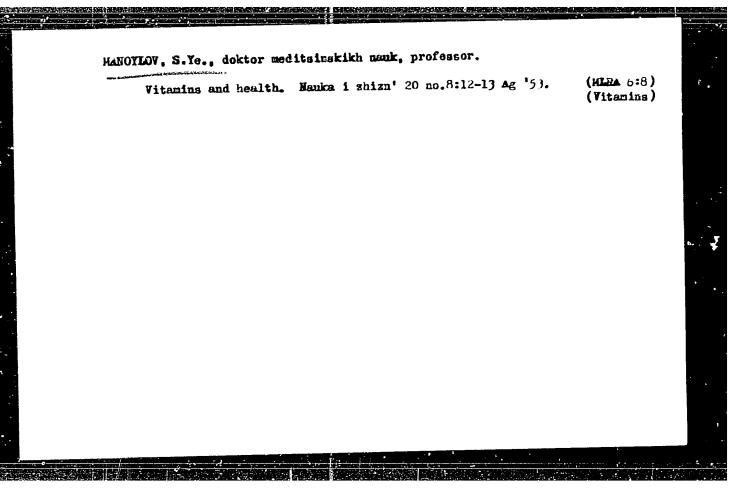
USUR/hedicine - Radiation Effects

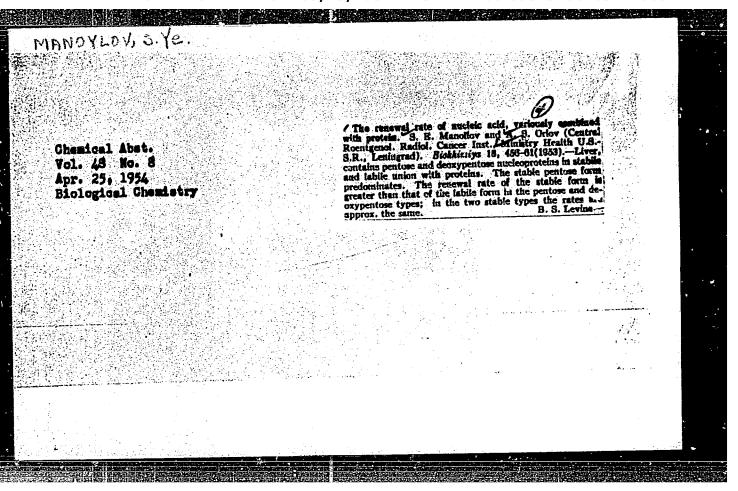
"Effects of Aneurin (Vitamin B) on the Glycogen Forestion function of liver of Rats During General Exposure to Various Doses of X-Rays," b. F. Grayevsk ya, R. Ya. Keylina, and S. S. Fanoylov, Dept of Blochem, Gentral Roentgenologic and Gancer Inst, kin of Health USSR

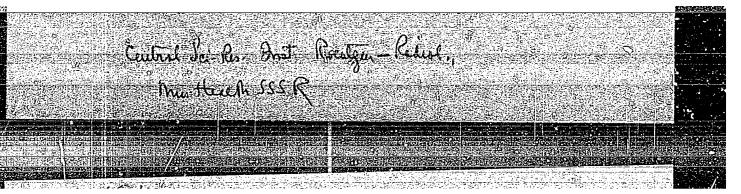
Vest Rentgen i Radiol, No 6, pr 22-25 (453

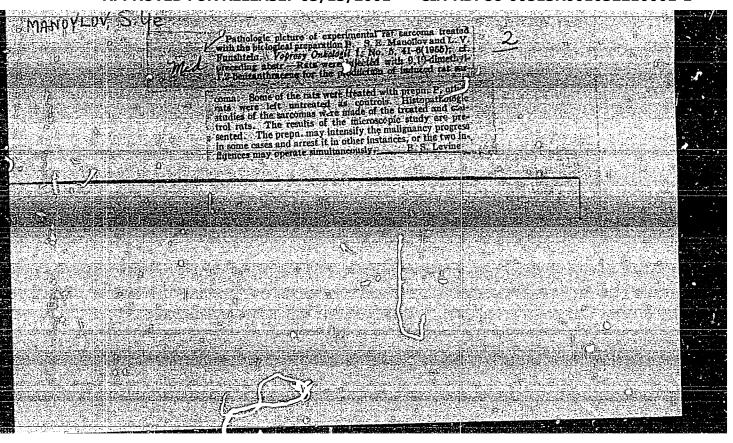
Expts conducted on 15 rats showed that the glycogen formation function of the liver may be partially restored if vitamin by is given after rats have been exposed to X-rays. Enough evidence was collected to justify the assumption that the quality of blochem changes in the organism of rats repends upon the extent of exposure to X-rays: small doses (500 r) of X-rays suppress the oxidation systems of the whole organism: larger doses (1,000 and 2,000 r) also cause oreakdown of the substances that oxidize. It is possible that interference with the synthesis of the behydrogenase coenzyme takes place and that vitamin by locus its capacity to continuation phosphoric acid. This follows from a rejection of the restorative effect of it in by on the liver.

275T31









GRAYEVSKAYA, B.M.; KONONENKO, A.M.; HANOYLOV, S.E.

Distribution of radium in the body of a rat and its excretion rate. Vest.rent. i rad. no.2:10-16 Mr-Ap 155. (MLRA 8.5)

1. Iz biokhimicheskogo otdeleniya (zav. --prof. S.Ye.Manoylov) i radiologicheskogo otdeleniya (zav. A.A.Bashilov) Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta (dir. --prof. M.N.Pobedinskiy) Ministerstva zdravookhraneniya SSSR. (RADIUM, metabolism, distribution & excretion rate in rate)

MANOYLOV, S.Ye.; PROZOROVSKAYA, L.D.

Investigation on dental intake rate of phospherus in normal conditions and in scurvy in guinea pigs. Stomatologia no.5:22 \$-0 '55.

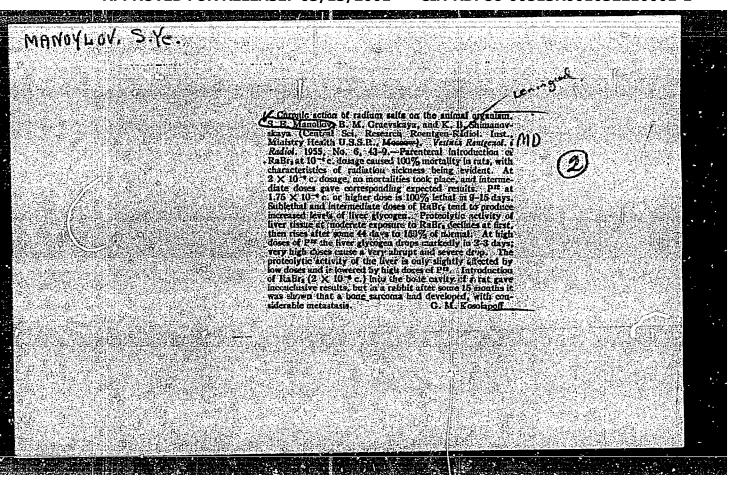
(MERA 9:2)

1. Is kafedry biokhimii (zav. - prof. S.Ye. Manoylov) Leningradskogo meditsinskogo stomatologicheskogo instituta.

(SURVY, metabolism in, teeth phosphorus intake in guinea pigs)

(TMETH, metabolism, phosphorus intake in normal cond. & exper. scurvy)

(PHOSPHORUS, metabolism, teeth, intake in normal cond. & exper. scurvy)



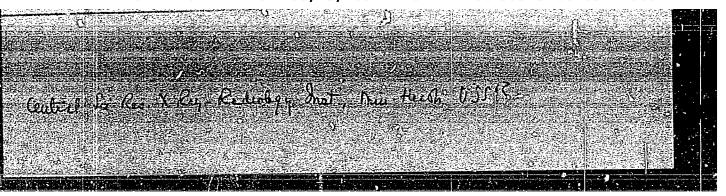
| MANOYLOV, S.Ye. | | W | |
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| V2582 | | 717 | |
| ON CERTAIN BIOLOGICAL EV FECTS OF PENETRATING RADIATION: 1. E. Montolov and K. P. Ivanov (Enline) Baste Medical Inst.: Daklady Kost. Nauk. 5.5.8.R. 105. P. D. 150-103051 Nov.: I. (In Hansian) Aerabic phases of biological exidation in tigenes | | | |
| expose; to redistion were investigated. Isolated frog hearts were analyzed and the electrocacitiographs are given; (R.V.J.) | Want fr | | |
| | | | |

MANDYLOYS. YE.

Sum. 1360

"Treatment of Slow-Healing Wounds With Concentrates of Vitamin A, Carotene, and Stickleback Oil With Penicillin," by S. Ye. Manoylov and T. I. Vol'fson, Chair of Biochemistry (head, Prof S. Ye. Manoylov) and Chair of Surgery (head, Prof A. I. Filatov, Corresponding Member of the Academy of Medical Sciences UESR), Leningrad Stomatology Institute (director, Prof E. I. Gavrilov), Khirurgiya, No 7, Jul 56, pp 74-75

Data obtained from the study of the local action of vitamin A, carotene, and stickleback oil in patients with slow-healing ulcers and wounds of soft tissue (result of burns, varicose veins, wounds, etc.) are presented. Good therapeutic results were obtained by an admixture of penicillin with the above substances. (U)



MANOYLOV, S.Ye; VOL'FSON, T.I.

Water Strategies and All Control of the Control of

Treatment of slowly healing wounds with concentrated preparations of vitamin A. carotene and stickleback oil combined with penicillin. Thirurgia 32 no.7:74-75 Jl 156. (MIRA 9:11)

1. Is kafedry biokhimii (zav. - prof. S. Ye. Manoylov) i kafedry khirurgii (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. A.I. Filatov) Leningradskogo meditsinskogo stomatologi-cheskogo instituta (dir. - prof. R.I. Gevrilov)

(WOUNDS AND INJURIES, ther.

carotene, vitamin A. stickleback oil & penicillin)

(VITAMIN A. ther. use

wds., with stickleback oil, penicillin & carotene)

(FISH LIVER OILS, ther. use

stickleback oil in wds., with vitamin &, penicillin & carctene)

(PENICILLIN, ther. use

wds., with stickle oack oil, vitamin & & carotene)

USSR / Human and Animal Physiology. Blood Circulation.

T-4

: Ref Zhur - Biologiya, No 1, 1951, No. 3407 Abs Jour

: Manoylov, S. E.: Lasovskaya, A. V.; Orlov, B. A. Author

: AS USSR Inst

: Effect of Roentgen Reys Emitted from Various Anodes Title

on the Function of the Isolated Frog Heart

: Dokl. AN SSSR, 1956, 110, No 2, 305-307 Orig Pub

: The effect of X-rays (10800 r) of various wavelengths Abstract was revealed after the exposed heart placed in an alti-

tude chamber at a pressure of 80 mm Hg, had ceased working. Control hearts, as a rule, did not stop working under such conditions. Heart irradiation by means of tubes with iron (1985A) and cobalt (1.795A) anodes (in which no stimulation of Fe atoms of the irradiated substrate takes place) induced arrest of the

heart in 16.6 and 28% of the cases respectively. In

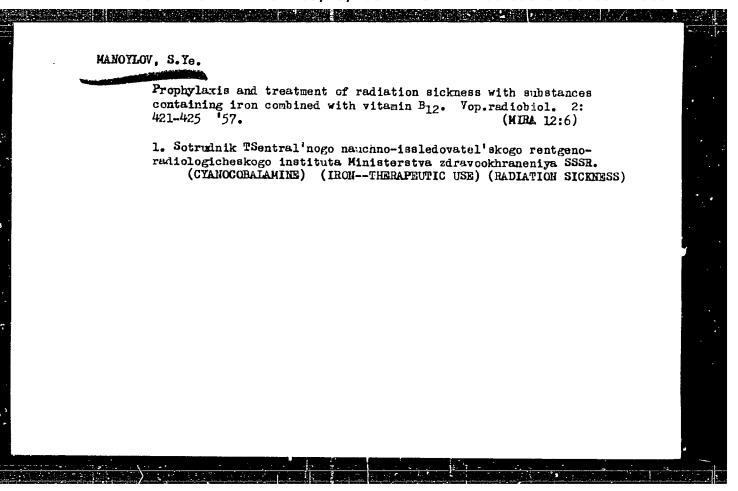
Card 1/2

32

MANOYLOV, S.Ye.

Theory of the biological effect of X rays on the animal organism. Vop.radiobiol. 2:20-29 '57. (MIRA 12:6)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo rentgenorediologicheskogo instituta Ministerstva zdravookhraneniya SSSR. (X RAYS--PHYSIOLOGICAL EFFECT)



Use of some biological preparations (campolonum, vitamin B₁ and adenosinetriphosphoric acid) as prophylactic and therapeutic drugs in radiation sickness. Voprediobiol. 2:426-490 '57.

(MIRA 12:6)

1. Sotrudniki TSentral'nogo nauchno-issledovatel'skygo rentgenorediologicheskogo instituta Ministerstva zdravokhranenira SSSR.

(VITAMINS--B) (RADIATION SICKNESS) (ADENOSINETRIPHOSPHORIC ACID)

MANOYIOV, S.Ye.; NEMCHINSKAYA, V.L.; ALIYEVA, A.Z.; HYTAREVA, L.V.

Problem of the possibility of the mutual transformation of nucleic acids [with summary in English]. Biokhimiia 22 no.6:1013-1018 H-D *57. (MIRA 11:2)

1. TSentral'nyy nauthno-isaledovatel'skiy rentgeno-rediologicheskiy institut Ministerstva zdravookhraneniya SSSR, Leningrad.
(NUCLEIC ACIDS, metabolism,

mutual conversion in various organs (Rus))

MANOYLOV, S. Ye.

"The Importance of the Ionization of Iron-containing Compounds in the Action of X-rays on an Organism" p. 203

Truly Transa/tions of the First Conference on Radioaction Chemistry, Moscow, Izd-vo AN SSAR, 1958. 330pp.
Conference -25-30 March 1957, Moscow

Manoylov, S.Ye., Orlov, A.S.

Method of separating nucleic acids variously bound with proteins in animal tissues [with summery in English]. Blokhimila 23 no.5: 663-668 S-0 '58 (MIRA 11:11)

1. Biokhimicheskiy otdel TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR, Leningrad.

(NUCLEIC ACIDS, determ.

separation of acids various bound with proteins in animal tissue (Rus))

(PROTEINS,

nucleic acid bound, separation from animal tissue (Rus))

MANOYLOV, S YE.

USSF/I General Problems of Pathology. Tumors

11-4

: Ref Zhur - Biol., No 5, 1958, 22983

: Larionov, L.F., Manoylov, S.Ye., Ryskina, S.I., Abs Jour Author

Sorokina, Ye-L.

Inst

Title

: On Biochemical Changes in Nucleoproteins of Malignant

Tumors During the Effect of X-Rays.

: V sb.: Vopr. radiobiologii, L., 1956, 308-313 Oric Pub

: Rat sarcoms induced by cancerogens, either irradiated (5-7 times, the total dose being 4000-5000 r) or not Abstract

were thoroughly cleared of necrotic areas and the nucle! were separated from the remaining material. The nuclei were isolated in a physiologic solution. In som of the tumors the muclei were dried and dissol-7.4 1 5% NH3. Following centrifugation the absorp-

tion s ectrum (A.S.) in U.V. light was determined. In othe experiments the freshly isolated nuclei were

Card 1/2

USSR/: General Problems of Pathology. Tumors

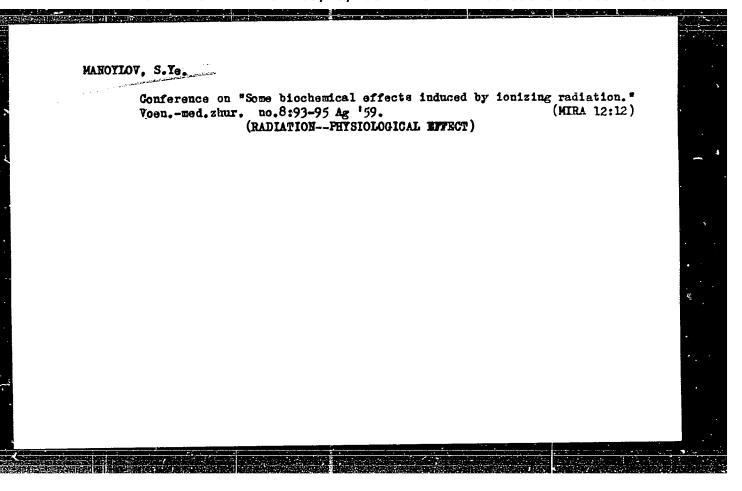
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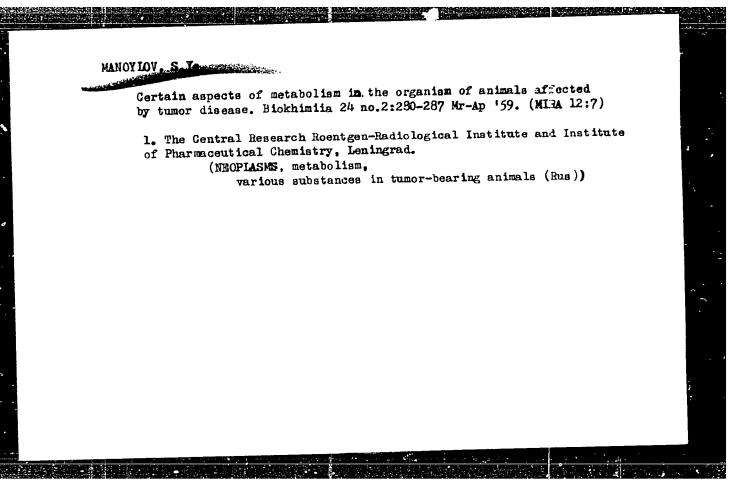
Abs Jour : Ref Zhur - Biol., No 5, 1958, 22983

flooded with a 1 M NaCl solution at low temperature and A.S. was determined after centrifugation and dialysis. Under the effect of therapeutic X-ray doses there was splitting of the "true" nucleopretein, in which DNA was firmly bound to protein, in the nuclei of the tumor cells. In the ammoniacal and salt extracts of nuclei from the non-irradiated tumors a nucleoprotein with a maximum absorption at 2540-2560 A was detected, whereas in the nuclei of the irradiated tumors free nucleic acid (NA), with a maximum absorption at 2600-2620 A, was found. In the tissue of non-irradiated carcomas the total NA content constituted 7.9 mg/g of fresh tissue, whereas in the irradiated sarcomas it was 4 mg/kg. This decrease in the total NA content was due to a 6-fold decrease in the DNA concentration.

Card 2/2

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SHCHERBAN', Z.I. (Leningrad, Vasil'yevskiy ostrov, 3-ya liniya, d.16, kv.7);
       MAROYLOV, S.Ye. (Leningrad, S-15, Suvorovskiy prospekt, d.57, kv.7)
       Histoautoradiographic study of certain peculiarities of matabolic
       processes in organs of tumor-bearing mice. Vop.onk. 5 no.6:681-686
       159.
                                                              (MIRA 12:12)
       1. Iz biokhimicheskogo otdela (zav. - prof. S.Ye. Manoylov) i pato-
       logoanatomicheskogo otdela (zav. - doktor med.nauk L.V. Funshteyn)
       TSentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radio-
       logii Ministerstva zdravookhraneniya SSSR (dir. - prof. M.N. Pobe-
       dinskiy).
                  (NEOPIASMS, metab.
                      proteins in kidneys & liver histoautoradiographic
                      determ. in mice (Rus))
                  (PROTEINS, metab.
                      kidneys & liver, histoautoradiographic determ. in
                      tumor-bearing mice (Rus))
                 (KIDNEYS, metab.
                      proteins, histoautoradiographic determ. in tumor-
                      bearing mice (Rus))
                 (LIVER, metab.
                      same)
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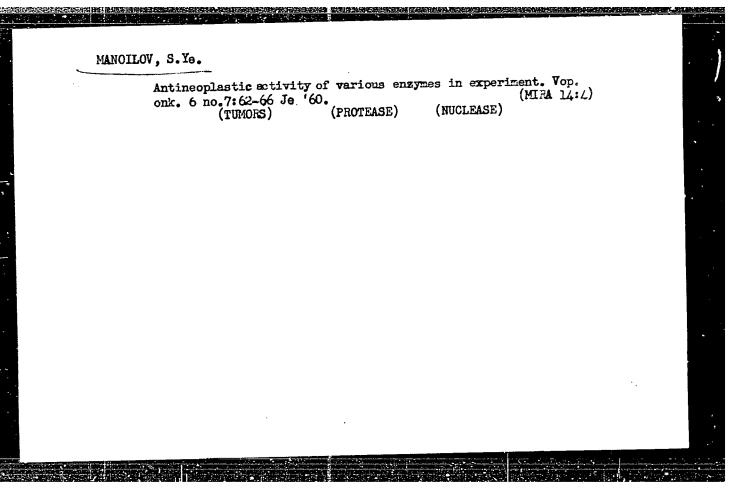




DASHKEVICH, Leonid Borisovich, kand, khim, nauk; MANOYLOV, S.Ye., prof., nauchnyy red.; VOROB'YEV, G.S., red.izd-va; GURDZHIYEVA, A.M., tekun.red.

[Isotopes in chemistry] Izotopy v khimii. Leningrad, Ob-vo po resprostraneniiu polit. i neuchn.znenii RSFSR, Leningr.otd-nie, 1259. 39 p. (MIRA 13:5)

(Isotopes) (Radicactive tracers)



MANOYLOV, S. ye

69

PHASE I BOOK EXPLOITATION

E07/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Veprosy radiobiologii. t. III: Sbernik trudov, posvyashchennyy 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Hiology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M(ikhail) M(ikolayevich) Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdravookhrananiya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation discases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR] during 1958-59. The following

Card 1/10

| Problems in Radiation Biology (Cont.) topics are covered: various aspects of primary effects of radiation; the topics are covered: various aspects of primary effects of radiation; the reactions in irradiated organisms; morphologic changes in radiation disease; sand reparation and regeneration of tissues injured by irradiation. Some and reparation to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles. No personalities are mentioned. References accompany almost all of the articles. Porevord Gusterin, G. A., and A. I. Strashinin. Professor Mikhail Rikolayevich Pobeddinskiy (Commemorating his Sixtieth Birthday) Letedinskiy, A. V. [Member, Academy of Medical Sciences USSR], L. Arlananchenko, and V. N. Mastryukova. On the Mechanism of Trophic Disturbances Dus to Ionizing Radiation Zedgenidzu, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zherbin, K. V. Ivanov, and P. R. Vaynahteyn. Hormonal Activity of the Adrenal Cortex in Acute Radiation Sickness and the Effect of Desoxy-corticosterome Acetate on the Disease | | | هيو شاري | | |
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| topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation. Some and reparation and regeneration of tissues injured by irradiation. Some and reparation and regeneration of tissues injured by irradiation. Some and reparation to the effectiveness of experimental radical treatments. Table GF.CONTENTS: Forevord Gusterin, G. A., and A. I. Strashinin. Professor Mikhail Mikolayevich Fobedinskiy (Commemorating his Sixtieth Birthday) Letedinskiy, A. V. [Member, Academy of Medical Sciences USSR], I. Arlashchenko, and V. N. Mastryukova. On the Mechanism of Trophic N. I. Arlashchenko, and V. N. Mastryukova. On the Mechanism of Trophic N. I. Arlashchenko, and V. N. Mastryukova. Hormonal Activity of the Zedgenidze, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Member, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. Zedgenidze, G. A., [Nember, Academy of Medical Sciences USSR], Ye. A. | | | 7 69 | | : |
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MANDILOV 5 YE

MANOYLOV, S. YE., and SHAMIN, H. N. (UBSR)

"Application of Certain Physicochemical Methods for Controling the Salting out of Pancreas Enzymes."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

MANOYLOV, S.Ye.; CHAMIN, N.N.; DOBRYNINA, T.I.; VOSKOBOYNIKOV, G.V.

Isolation of crystalline catalase from horse erythrocytes and the study of some of its physicochemical properties. Biokhimiia 26 no.3:408-411 My-Je '61. (MIRA 14:6)

1. Chair of Biochemistry, Chemo-Pharmaceutic Institute, Leningrad. (CATALASE) (ERYTHROCYTES)

MANOYIOV, Semen Yevstaf yevich; STRELIN, G.S., doktor biolog. nauk, prof., nauchnyy red.; VOROB IEV, G.S., red. izd-va; GURDZHIYEVA, A M., tekhn. red.

[Biological effect of penetrating radiation] Biologicheskoe deistvie pronikaiushchei radiatsii. Leningrad, Ob-vo po rasprostraneniiu poli; i nauchn. znanii RSFSR, 1961. 39 p. (MIRA 14:10) (RADIATION—PHYSIOLOGICAL EFFECT)

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| MANOYLOU, S. YE. | to 1 | |
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| Some Considerations on the Trigger Mechanism of the Biological Action of fonizing Radiation | 1 1 | :. |
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| S. Ye. Manoylev | | • |
| In 1951 we suggested that ionizing radiation specifically attacks the metal compounds participating in tissue respiration. We assumed that the radiation damage is due to the direct action of ionizing radiation on these | | : |
| SUBSTANCES. THE CAMBRE CAUSES they get deficiency in the irradiated prespient or tissues, the level of account | į. | |
| forth the runture of a bond between the prosphetic group and protein extension of the transition metal calls | | |
| inactivation of metallocazymes. The complex therefore is no longer biologically active. The modification of tissue respiration manifests itself above all in suppressing the synthetic process and stimulating hydrolysis. It is to be | 11 | |
| specially noted that the metallocarymet are also bighly sensitive in viten | | |
| The paper presents data on the early modification of the chromoproteid synthesis and nucleoproteid synthesis in various organs of animals after general X-ray irradiation (100,500,1000 r). The findings of an in vitro action of | 11 ' | |
| X-rays on ferroenzymes (catalase, cytochrome C, haemoglobin) are also communicated. The report gives an outline of current views on the subject. | | |
| Central Scientific Research Institute for Radialogy, Aforeum, USSR | | |
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| report presented at the 2nd Intl. Congress of Rediation Research, | | 2 |
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MANOYLOV, S.Ye.

Enzymes as medicinal substances. Trudy Len. khim.-farm.inst. no.13:5-10 '62. (MIRA 15:10)

1. Kafedra biokhimii Leningradskogo khimiko-farmatsevticheskogo instituta.

(ENZYMES __THERAPEUTIC USE)

MANOYLOV, S.Ye.; CHAMIN, N.N.; DASHKEVICH, L.B.; VOLOKHONSKIY, A.G.;
PUSTOSHKIN, G.I.

Synthesis of some derivatives of adenine. Trudy Len.khim.-farm. inst. no.13:49-54 '62. (MIRA 15:10)

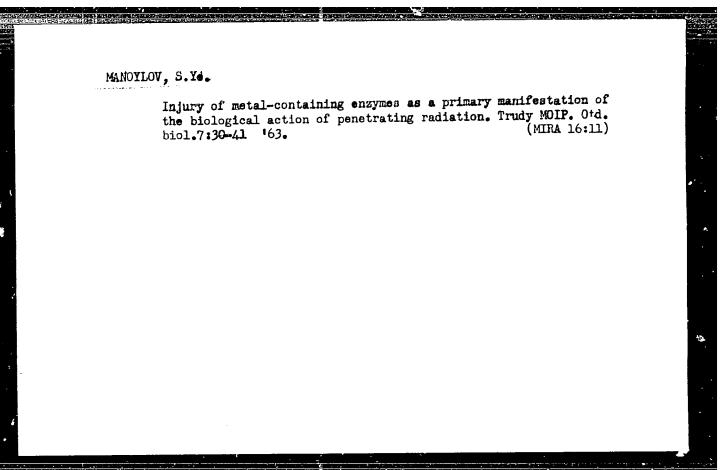
1. Kafedra biokhimii (zav. prof. S.Ye.Manoylov) Leningradskogo khimiko-farmatsevticheskogo instituta,
(ADENINE)

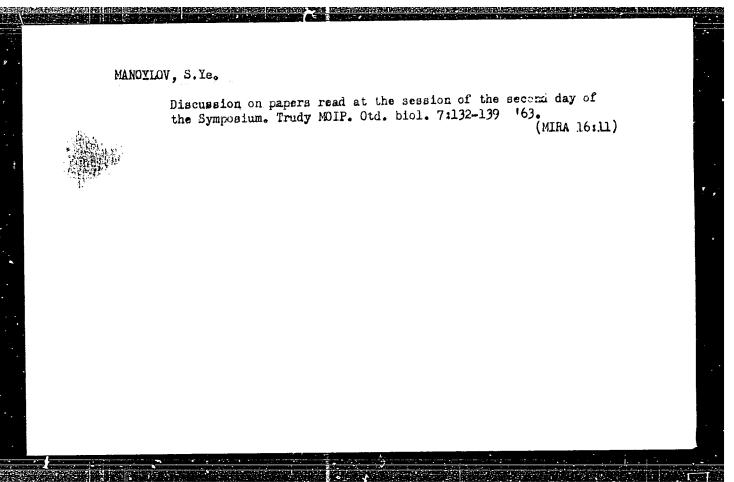
MANOYLOV, S.Ye.; SHVEDOVA, V.N.; RYNDINA, I.L.

Use of ion exchange resins for producing trypsin. Biokhimia 27 no.4:698-701 J1-Ag '62. (MIRA 15:11)

1. Khimiko-farmatsevticheskiy institut Ministerstva zdravookhraneniya RSFSR, Leningrad.

(ION EXCHANGE RESINS) (TRYPSIN)





GRODZENSKIY, D.E.; GORIZONTOV, P.D.; VOROB'YEV, Ye.I.; MANGYLOV, S.Ye.;
FEDOROVA, T.A.; PAVLOVA, M.N.; GABUNIYA, R.I.

Second International Corgress on Radiation Research in England,
Aug. 5-11, 1962. Med. rad. 8 no.3:83-92 Mr '63. (MIRA 17:9)

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Cytochrome effect in radiation. Vop. med. Khim. 9 no. 3: 317-319 My-Je '63. (MIRA 17:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR i Leningradskiy khimiko-farmatsevticheskiy institut Ministerstva zdravookhraneniya RSFSR.

MANOYLOV, S.Ye.; KOMOV, V.P.

Effect of different doses of penetrating (ionizing) radiations on hemoglobin recombination. Vop. med. khim. 9 no.5: 530-531 S-0 163. (MIRA 17:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut, i TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut.

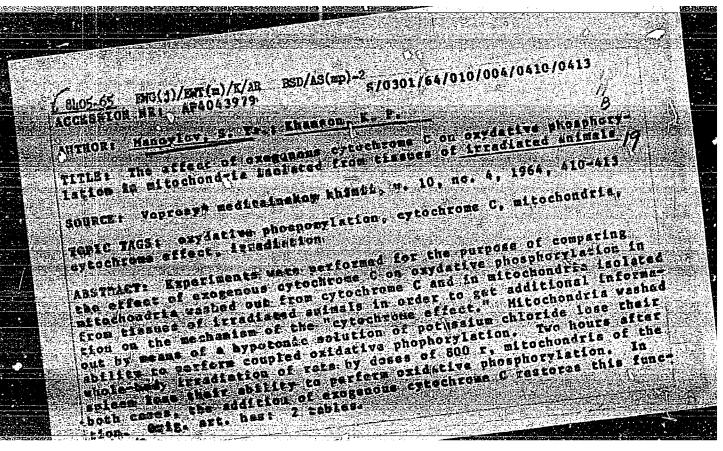
Interretical calculations of thermal which of the anarrouse and astroble exidation of bexases, diorizika a rollinger (64).

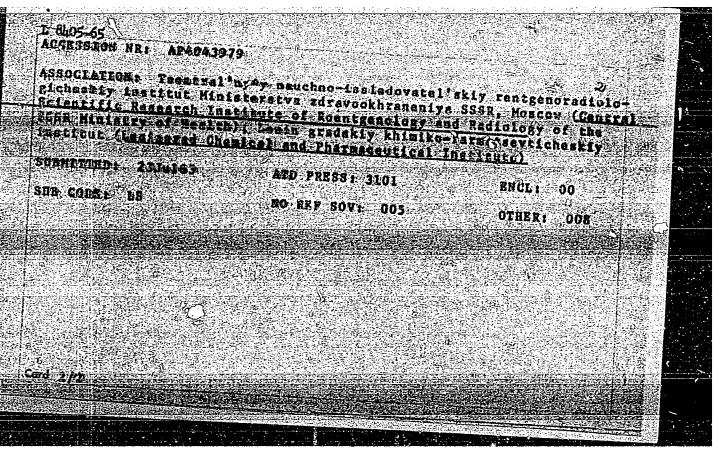
1. Leningradskiy kalatko-farmatseviloneski; insultut Ministerstva zdravookhraneniya RGr Nt.

BUZNIKOV, G.A.; VERZHBINSKAYA, N.A.; MANOYLOV, S.Ye.; MENFARN, S.A.;
POGLAZOV, S.F.; SEVIRIN, S.Ye.

International symposium on molecular cellular; hysiclory in
Berlin and the annual meeting of blochemists in Jena. Vop.
med. khim. 10 no.1:95-103 Ja-F (c.).

(MRA 17:12)





MANOYLOV, S.Ye. (Leningrad, S.15, Suvorovskiy prospekt, 57, kv.7); CHELUDOV, V.I. (Leningrad, K.44, Lesnoy prospekt 3436, kv.68)

Effect of catalase on the growth of a transplanted lymphosarcoma and on some aspects of metabolism. Vop. onk. 10 no.12:42-44 '64. (MIRA 18:6)

1. Iz Leningradskogo khimiko-farmatsevticheskogo instituta (rektor - dotsent A.G. Yagorov).

L 500f3-65

ACCESSION NR: AP5010329

AUTHOR: Komov, V. P.; Manoylov, S. Ye.

TITLE: Effect of penetrating radiation on the heme-protein bond of some hemoproseina

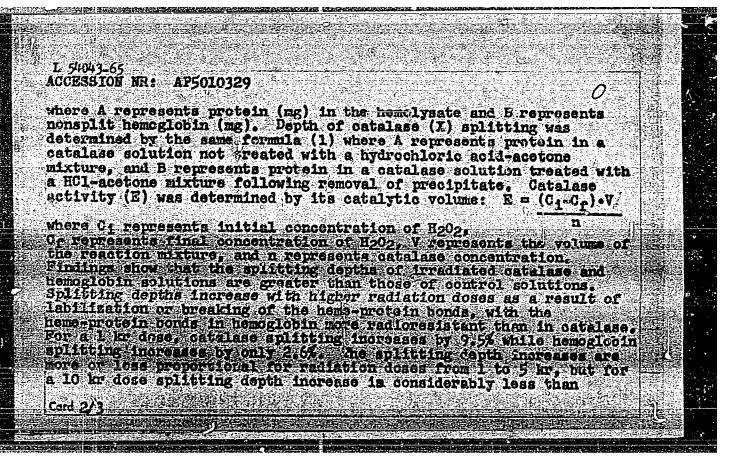
SOURCE: Radiobiologiya, v. 5, no. 2, 1965, 166-168

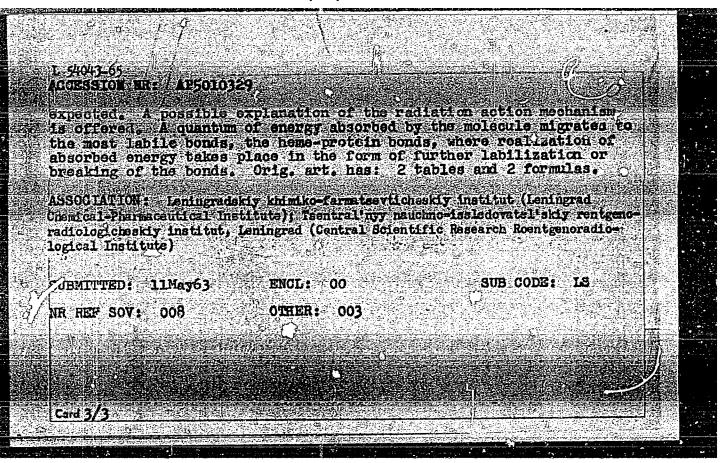
TOFIC TASS: radiation effect, ionixing radiation, conjugated protein, conjugated bond system, hemoglobin, oathlase, radiation chemistry

ABSTRACT: Catalase and hemoglobin solutions prepared from horse enviluency tess and containing squal amounts of iron were X-irradiated (RUM-3 unit, 15 mg, 180 ky, filter 1 mm Al, 80 r/min) with single dosse (0.5, 1. 3 and 10 kr) to determine the effect of radiation on hema-protein splitting. Depth of splitting in the solutions was determined by formula 3 hrs after irradiation. Depth of hemoglobin (X) splitting was determined by:

X = (1 - B/A) - 100

Cord 1/3





MANOYLOV, S.Ye.; NIKOGOSYAN, I. Kh.; YATSENKO-KHMELEVSKIY, A.A.

Effect of ionizing radiation on mitoses in onion rectlets following irradiation of various parts of the bulb.

TSitologiia 7 no.5:660-663 S-0 165. (MIRA 18:12)

1. Kafedra farmakologii i biokhimii Leningradskogo khimiko-farma-tsevticheskogo instituta. Submitted Aug. 1, 1960.

MANOYELV. Years; REMOV. V.P.; MANOYICV, S.Ye.

Study of infrared spectra — Americans and their components.

Elefizika 10 no.52782-787 ... (MIRA 18:10)

1. Leningradskiy khimike-farmatsevticheskiy institut Ministerstva zdravookhraneniyə SSSR i leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova.

MANOYLOV, S.Je.; DERKACHEV, E.s.

Effect of X rays on cytochrons C in vitro. Vop. med. khim. 11 no.1:
95-96 Ja-F '65. (MIRA 18:10)

1. TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut Ministerstva zdravookhraneniya SSSR i Leningradskiy khimiko-farmatsevticheskiy institut Ministerstva
zdravookhraneniya RSFSR.

MANOYLOV S.Ve.: KANTIN, A.V.; VOSKOBOYNIKOV, G.V.; GERASHIYAK, V.G.; NIKONOVA, O.N.; SHIH! VEY-CHAON

Electrophoretic analysis of block serum proteins in malignant tumors before and following treatment. Vop. onk. 11 no.2:74-77 (MIDA 18:7)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radio-logicheskogo instituta Ministerstva zdravcoki.raneniya GSSR (direktor: Ye.I. Vorob'yev).

Surinov, 8.F.; MANOVIN, F.Ye.

[atermination of the activity of protectivity enzymes with the aid of azocasein. Vop.med.khim. 11 no.5155-58 [SC 165. (MFA 1921)]

1. Jeningradskiy khimiko-farmatsevtichookiy institut. Submitted May 11, 1984.

MANOYLOV, S.Ye.; VOVSI, B.A.; DMITRIYEVA, V.A., POLOGOVA, R.G.

Role of catalese in the processes of tissue respiration in the liver of white mice. Vop.med.khim. 11 no.5-100-101 \$20.165. (MIRA 1941)

1. Leningradskiy khimiko-farmatsevticheskiy austutut Ministerstva zdravookhraneniya RSFSR. Submitted Jaruary 17, 1965.

L 44313-66 EWT(m) ACC NRI AP6029429 SOURCE CODE: UR/0205/66/006/004/0630/0630 AUTHOR: Manoylov, S. Ye.; Grannikova, A. V. ORG: Central Scientific Research Institute of Roentgenology and Radiology, MZ SSSR, Leningrad (Tsentral'nyy nauchno-issledovatel'skiy rentgano-radiologicheskiy institut MZ SSSR); Leningrad Chemical and Pharmaceutical Institute, MZ RSFSR (Leningradskiy khiniko-farmatsevticheskly institut MZ RSFSR) TITLE: The effect of dicaptol in acute radiation sickness SOURCE: Radiobiologiya, v. 6, no. 4, 1966, 630 TOPIC TAGS: biologic radiation effect, radioprotector, dicaptol, mouse, metal enzyme, tissue respiration, x ray, RADIATION SICKNESS, ANTIRADIATION DRUR The effect of protective agents in acute radiation sickness was investigated using dicaptol, which was chosen for its ability to form complex compounds with metal enzymes and to inhibit their function. Thirty-nine hybrid white mice were injected intramuscularly twice in four hr with 0.2 ml dicaptol, and, immediately following the last injection, were irradiated with 800 r on a RUM-3 device (18 ma, 180 kv, 0.5 mm Cu and 1 mm Al filters, 50 r/min). The effect of the preparation was determined on the basis of viability, body weight, and Card 1/2