[redacted]

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963820009-3"

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963820009-3"

ZARETSKAYA, I.I.; SOKOLOVA, T.I.; TIKHOMIROVA, O.B.; TORGOV, I.V.

Condensation of 1-β-acetoxyvinyl-6-methoxy-3,4-dihydronaphthalene with 2,4-dimethyl-Δ^2-cyclopentene-1,5-dione. Izv. AN SSSR. Ser. khim. no.6:1051-1058 '65. (MIRA 18:6)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

ZARETSKAYA, I.I.; SORKINA, T.I.; TORGOV, I.V.

Condensation of 1-vinyl-6-methoxy-3,4-dihydronaphthalene with 2,4-dimethyl-Δ^2-cyclopentene-1,5-dione. Izv. AN SSSR. Ser. khim. no.6:1058-1061 '65. (MIRA 18:6)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

SORKINA, T.I.; ZARETSKAYA, I.I.; TORGOV, I.V.

Condensation of 1-β-acetoxyvinyl-6-methoxy-3,4-dihydronaphthalene with citraconic anhydrode and xyloquinone. Izv. AN SSSR Ser. khim. no.11:2021-2028 N '64 (MIRA 18:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

[redacted], I. I., [redacted], I. V., [redacted], B. M. (USSR)

"Methods of Obtaining Oestrone, Its Derivatives and 19-Norsteroids Starting with 6-Methozytetralone."

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

5.3400

78253
SOV/79-30-3-7/69

AUTHORS: Nazarov, I. N., Zaretskaya, I. I., Sorkina, T. I.

TITLE: The Formation of Cyclopentanolones on Cyclization of Divinyl Ketones

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, Nr 3, pp 746-753 (USSR)

ABSTRACT: Propenyl isopropenyl ketone (I) on treatment with H_3PO_4 at room temperature was cyclized into 2,4-dimethyl-2-cyclopenten-1-one (II) which was simultaneously hydrated to 2,4-dimethyl-2-cyclopentanol 1-one (III; yield 15-20%; mp 34-35° C).

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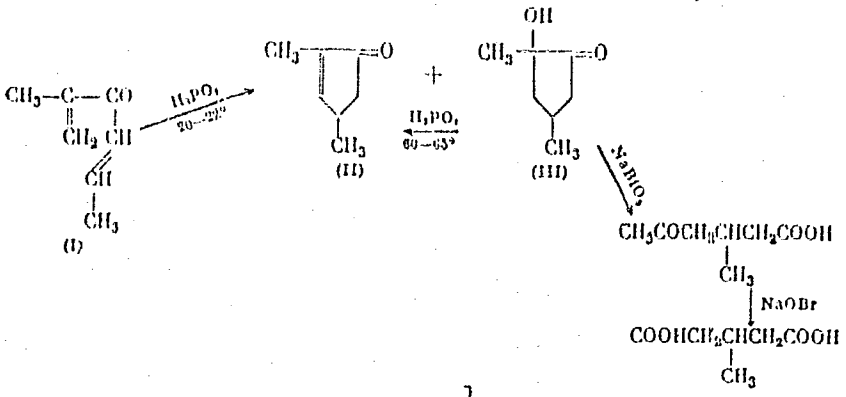
The Formation of Cyclopentanolones on Cyclization of Divinyl Ketones

78253
SOV/79-30-3-7/69



Similarly, propenyl Δ^1-cyclohexenyl ketone (VI) gave 1-methyl-4,5,6,7-tetrahydroindan-3-one (VII) which was hydrated partially to 1-methylhexahydroindan-9-ol-3-one (VIII; yield 10%; mp 71-72° C, from Isooctane).

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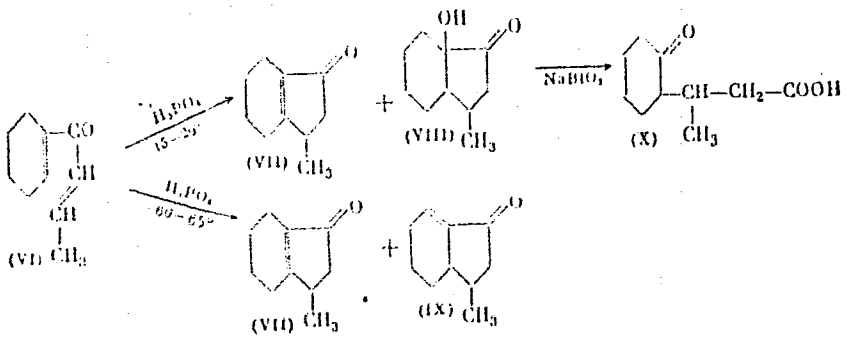
The Formation of Cyclopentanolenes on Cyclization of Divinyl Ketones

78253
SOV/79-30-3-7/69



The structure of (III) was confirmed further by oxidation with sodium bismuthate to 3-methyl-4-acetylbutyric acid, which on oxidation with NaOBr gave β-methylglutaric acid. Cyclization of (VI) with H_3PO_4 at 60-65° C gave a mixture of hydroindans (VII) and (IX). The oxidation of (VIII) with $NaBiO_3$ gave the keto acid (X). Considering the experimental

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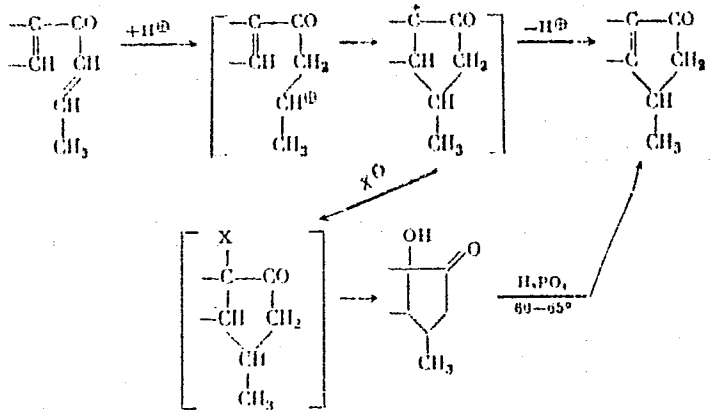
data, the course of divinyl ketone cyclization to cyclopentenes, and the hydration of the latter to cyclopentanolones can be explained by the following reactions:



The Formation of Cyclopentanolones on Cyclization of Divinyl Ketones

78253
SOV/79-30-3-7/69

There are 11 references, 2 U.K., 1 German, 8 Soviet. The 2 U.K. references are: W. Rigby, Nature, 164, 185 (1949); R. Sp. Linstead, A. L. Walpole, J. Chem. Soc., 842 (1942).

ASSOCIATION: Institute of Organic Chemistry, Academy of Sciences USSR (Institut organicheskoy khimii Akademii nauk SSSR)

SUBMITTED: February 20, 1959

Card 5/5

5 (3)
AUTHORS: Nazarov, I. N. (Deceased), Zaretskaya, I. I.

SOV/79-29-5-34/75

TITLE: Investigation of the Structure of the Hydration Products of Di-Δ^1-cyclo-hexenyl Acetylene (Issledovaniya stroyeniya produktov gidratatsii di-Δ^1-tsiklogeksenilatsetilena)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 5, pp 1558-1568 (USSR)

ABSTRACT: In an earlier communication (Ref 1) it was shown by examples that by the hydration of divinyl-acetylene hydrocarbons in aqueous methanol solution and in the presence of mercury salts instead of the vinyl-allyl ketones to be expected isomeric vinyl-propenyl ketones are formed. This is in accordance with numerous data available in publications (Ref 2) on the easy rearrangement of the isolated β,γ-double bond into the conjugated α,β-position. The present paper deals with the exceptional case of a stable β,γ-bond. The initial product for the synthesis of a dienone with stable β,γ-double bond was the compound mentioned in the title. By heating with 90 % methanol in the presence of mercury sulfate the

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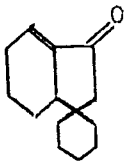
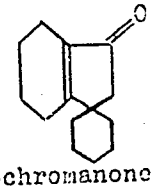
Investigation of the Structure of the Hydration Products of Di-Δ^1-cyclo-hexenyl Acetylene

SOV/79-29-5-34/75

1,2-di-(Δ^1-cyclohexenyl)-ethanone was obtained in a 82 % yield. Its structure was confirmed by hydrogenation, ozonization, and the ultraviolet absorption spectrum. By ozonization no cyclohexane was found as it had to be formed in the presence of isomeric 1-Δ^1-cyclohexenyl-2-cyclohexalidene-ethanone. Attempts to obtain this dienone failed. Yet, by the influence of acids reaction products were obtained which point to a transitory occurrence of this unstable dienone. By the influence of phosphoric acid, for example, the spiroindanones



and



are formed from 2,2-pentamethylene-hexahydro-chromanone. In the six-membered ring the β,γ-double bond is stable. The chromanone mentioned was obtained from the initial product at room temperature by hydration in acid medium. It is also formed by the hydrolysis of semicarbazone and 2,4-diphenyl-

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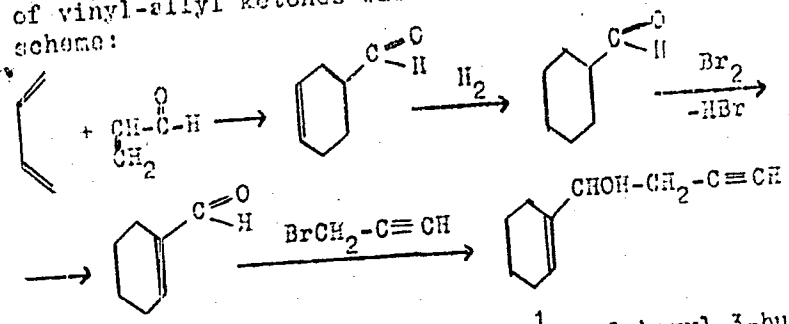
SOV/79-29-5-34/75

Investigation of the Structure of the Hydration Products of Di-Δ^1-cyclo-hexehyl Acetylene

hydrazone of 1,2-di-(Δ^1-cyclohexenyl)-ethanone. The absence of an active hydrogen atom and the absorption maximum in the infrared spectrum indicate that the ring is closed under the formation of a six-membered pyran ring. The direct synthesis of vinyl-allyl ketones was tried according to the following scheme:



All attempts to oxidize this 1-Δ^1-cyclohexyl-3-butinol-1 to the ketone were a failure. The experimental part gives a description of the reactions carried out as well as the analytical and physical data of the resultant compounds.

Card 3/4

Investigation of the Structure of the Hydration Products of Di-Δ^1-cyclo-hexenyl Acetylene SOV/79-29-5-34/75

There are 19 references, 6 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry of the Academy of Sciences USSR)

SUBMITTED: April 2, 1958

Card 4/4

ZARETSKAYA, I.I.

PRIKHOT'KO, A.F.

24(7) p 3 PHASE I BOOK EXPLOITATION SOV/1365

L'vov. Universytet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii. t. 1: Molekulyarnaya spektroskopiya (Papers of the 10th All-Union Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy) [L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies printed. (Series: Its: Fizychnyy zbirnyk, vyp. 1/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii. Ed.: Gazer, S.L.; Tech. Ed.: Saranyuk, T.V.; Editorial Board: Landsberg, G.S., Academician (Resp. Ed., Deceased), Neporent, B.S., Doctor of Physical and Mathematical Sciences, Fabelinskiy, I.L., Doctor of Physical and Mathematical Sciences, Fabrikant, V.A., Doctor of Physical and Mathematical Sciences, Kornitskiy, V.G., Candidate of Technical Sciences, Rayskiy, S.M., Candidate of Physical and Mathematical Sciences, Klimovskiy, L.K., Candidate of Physical and Mathematical Sciences, Milyanchuk, V.K., Candidate of Physical and Mathematical Sciences, and Glauberman, A. Ye., Candidate of Physical and Mathematical Sciences.

Card 1/30

Card 13/30

NAZAROV, I.N.; KAZITSYNA, L.A.; ZARETSKAYA, I.I.

Determining the structure of carbonyl compounds by analyzing absorption spectra of 2,4 -dinitrophenylhydrazones of the same compounds. Fiz. sbor. no.3:185-187 '57. (MIRA 11:8)

1. Moskovskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gosudarstvennyy universitet im. M.V. Lomonosova i Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Stereochemistry) (Carbonyl compounds--Spectra)

NAZAROV, I.N.; KAZITSYNA, L.A.; ZARETSKAYA, I.I.

Determining the structure of carbonyl compounds by analyzing absorption spectra of 2,4 -dinitrophenylhydrazones of the same compounds. Fiz. sbor. no.3:185-187 '57. (MIRA 11:8)

1. Moskovskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gosudarstvennyy universitet im. M.V. Lomonosova i Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Stereochemistry) (Carbonyl compounds---Spectra)

ZARETSKAYA, I.Kh.

Cerebral blood circulation disorders in stenosis and occlusions of the middle cerebral artery. Zhur. nevr. i psikh. 64 no.2:232-238 '64. (MIRA 17:5)

1. Institut nevrologii (direktor - prof. N.V. Konovalov) AMN SSSR, Moskva.

CHUKHROVA, V.A.; ZARETSKAYA, I.Kh.

Changes in the electric activity of the brain in lesions of the middle cerebral artery. Zhur. nevr. i psikh. 64 no.10: 1451-1455 '64. (MIRA 17:11)

1. Institut nevrologii (direktor - prof. N.V. Konovalov) AMN SSSR, Moskva.

ZARETSKAYA, I.Kh.

Clinical variations of rheumatic encephalitis. Sov.med. 22 no.6:24-27 Je '58 (MIRA 11:9)

1. Iz Kliniki nervnykh bolezney (nauchnyy rukovoditel' - prof. V.V. Mikheyev) Moskovskogo meditsinskogo stomatologicheskogo instituta i nervnogo otdeleniya gorodskoy klinicheskoy bol'nitsy No.33 imeni A.A. Ostroumova (glavnyy vrach P.V. Abashkina).

(RHEUMATIC FEVER, in inf. & child.
causing encephalitis, clin. variations (Rus))
(ENCEPHALITIS, in inf. & child.
caused by rheum., clin. variations (Rus))

NAZAROV, I.N.; TORGOV, I.V.; ZARETSKAYA, I.K.; VERKHOLETOVA, G.P.; ANANCHENKO, S.N.; ANDREYEV, V. M.

Steroids

Synthesis of steroids and related substances. Part 16. Condensation of 1-methyl-Δ-cyclohexene-6-one with 2-methoxyl-1, 3-butadiene. Synthesis of 9-methyl-1-vinyl-Δ-octalone-6 and 9-methyl-1-vinyl-Δ octalone-7. Isv. AN SSSR. Otd. Khim. nauk no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

4282. CLINICAL VARIANTS OF RHEUMATIC ENCEPHALITIS (Russian text) - Zaretskaya I. Kh. - SOV. MED. 1958, 22/6 (24-27)

Owing to the variation in severity and localization of the rheumatic process rheumatic encephalitis can develop in various forms. Especially the choreal, chorecathetoid, and choreomyoclonic forms, as well as the forms with distal hyperkinesia, are known. Two cases of rheumatic encephalitis, where the clinical phenomena developed in different forms, are described. In the case of a 19-year-old patient, the symptoms assumed 3 different forms. First, tonic spasm were seen in the right half of the face; next, in the right half of the trunk and in the face; finally, massive hyperkinesia developed, localized in the muscles of the face, trunk, and extremities. In the 2nd patient, a 17-year-old boy, the paralysis developed in the form of periodic spasms, which passed from one part of the body to another. In both these cases, the spasms developed after angina, which was accompanied by elevated temperatures; the spasms disappeared again after a few days. These cases point to the necessity of arriving at an accurate aetiology of these conditions, which are usually regarded as being of endogenous origin. This is particularly true when these disturbances develop in young people, in whom rheumatism is a frequent occurrence.

Dimitrijević - Sarajevo

ZARETSKAYA, I. V.

"Study of the Blood Proteins During General Irradiation With Roentgen Rays (Experimental Clinical Investigation)." Cand Biol Sci, Odessa State U, Odessa, 1953. (RZhBiol, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

ZARETSKAYA, I.V.

KOROVITSKIY, L.K.; TSUVERKALOV, D.A.; ZARETSKAYA, I.V.; DOROSHENKO, K.G.; TATOMIR, L.G.

Skin allergy test in dysentery and its diagnostic significance. Zhur. mikrobiol. epid. i immun. no.12:76-81 D '54. (MLRA 8:2)

1. Iz kliniki infektsionnykh bolezney (zav. prof. L.K.Korovitskiy) i kafedry biokhimii (zav. prof. D.A.TSuverkalov) Odesskogo meditsinskogo instituta imeni N.I.Pirogova (dir. I.Ya.Diyneka)

(DYSENTERY, diagnosis,
allergic skin test)
(ALLERGY, diagnosis,
skin tests, diag. value in dysentery)

ZARETSKAYA, I. V. and TSUVERKALOV, D. A. (Prof.)

"Nitrogen-Protein Composition of Blood Serum in Patients With Polycythemia Treated With Radioactive Phosphorus", a report presented at the Scientific Conference Devoted to the Application of Radioactive Substances in Medicine, Odessa Medical Institute, December 1954, Arkhiv, Patol., No. 2, 1956

GORCHAKOVA, G.A.; ZARETSKAYA, I.V.; TSUVERKALOV, D.A.

Biological characteristics of Flexner-Hiss dysentery bacteria polysaccharide. Vrach. delo no.2:197-198 F '56. (MLRA 9:7)

1. Kafedra biokhimii (zaveduyushchiy professor D.A.TSuverkalov) Odesskogo meditsinskogo instituta.
(SHIGELLA PARADYSENTERIAE)

ZARETSKAYA, I. V.

591. *Nitrogen and protein composition of the blood of patients with polycythaemia treated with radioactive phosphorus (Russian text)* ZARETSKAYA I. V., DUBOVYI E. D. and TSUVERKALOV D. A. Dept. of Biochem., Odessa Med. Inst., Odessa *Vrac. Delo* 1956, 10 (1015–1018)

Blood nitrogen and protein values in 9 patients with polycythaemia vera treated orally with P^{32} (as Na_2HPO_4) were studied. The disease had been present for periods from 3 months to 17 yr. The total quantity of P^{32} varied from 6 to 7 mc. and side-effects were not noted. In the majority of cases the total serum nitrogen, the residual nitrogen and total protein were initially normal or low. One patient was noted to have hyperazotaemia and hyperproteinaemia. After treatment the total blood nitrogen significantly increased in 8 patients and was lowered in the one patient who had shown initial hyperazotaemia. Later determinations showed a further increase in the serum N and proteins and the morphological picture of the blood remained unchanged at this stage. Changes in blood nitrogen and protein levels of the blood during treatment with P^{32} thus occur earlier than quantitative changes in the red cell fraction of the blood of patients with polycythaemia vera. It is thus possible by means of P^{32} to destroy hyperplastic blood tissues and produce an accumulation of the disintegration products (proteins, polypeptides, amino-acids) in the body.

Guseva – Moscow

KOROVITS'KIY, L.K.; TSUVERKALOV, D.A.; DOROSHENKO, K.G.; ZARETS'KA, I.V.

Using the allergy skin test for diagnosing dysenteria. Report no.2. Mikrobiol.zhur. 18 no.1:34-40 '56. (MLRA 9:7)

1. Z Odes'kogo derzhavnogo medichnogo institutu imeni M.I.Pirogova.
(DYSENTERY--DIAGNOSIS) (ALLERGY)

TSUVERKALOV, D.A.; ZARETSKAYA, I.V.

Intradermal allergy tests in rabbits sensitized with Shigella dysenteriae. Zhur.mikrobiol., epidem. i immun. 27 no.3:21-22 Mr' 56. (MLRA 9:7)

1. Iz Odesskogo meditsinskogo instituta imeni N.I.Pirogova.
(DYSENTERY, BACILLARY, immunology,
intradermal allergic test in rabbits sensitized with Shigella dysenteriae (Rus))

ZARETSKAYA, I.V. [Zarets'ka, I.V.]

Significance of certain functional groups of the dysentery allergen for its biological properties. Ukr.biokhim.zhur. 31 no.4:570-578 '59. (MIRA 13:1)

1. Department of Biochemistry of the Odessa Medical Institute.
(SHIGELLA) (ALLERGY)

ZARETSKAYA, I.V. [Zarets'ka, I.V.]; GORCHAKOVA, G.A. [Horchakova, H.O.]

Some results of biochemical studies on iodinated proteins with allergenic properties. Ukr. biokhim. zhur. 36 no.3:343-348 '64. (MIRA 17:10)

1. Kafedra biokhimii Odesskogo meditsinskogo instituta im. N.I. Pirogova.

ZARETSKAYA, I.V.; GORCHAKOVA, G.A.

Biochemical features of some bacterial proteins with various allergenic activities. Zhur. mikrobiol., epid. i immun. 40 no. 8:101-104 Ag '63. (MIRA 17:9)

1. Iz Odesskogo meditsinskogo instituta imeni Pirogova.

ZARETSKAYA, I.V., kand.biolog.nauk

Significance of some functional groups of the dysentery allergen for its properties. Vrach.delo no.1:61-63 '60. (MIRA 13:6)

1. Kafedra biokhimii (zav. - doktor biolog.nauk, prof. D.A. TSuverkalov) Odesskogo meditsinskogo instituta imeni N.I. Pirogova.
(PROTEINS) (DYSENTERY)

TORGOV, I. V.; ZARETSKAYA, Ida Isaakovna; SORKINA, T. I.

"Synthesis of estrone and D-homoestrone derivatives by the diene condensation method."

Report presented for the 3rd Intl. Symposium on the Chemistry of Natural Products (IUPAC), Kyoto, Japan, 12-18 April 1964.

SAVITSKIY, I.V. [Savyts'kyi, I.V.]; ZAROTSKAYA, I.V. [Zarots'ka, I.V.]; YATSENKO, A.P. [IAtsenko, O.F.]; SHAPKAN, L.M.

Change in proteins and properdin activity of the blood in the process of adapting the organism of seamen to the conditions of Antarctic sailing. Ukr. biokhim. zhur. 37 no.4:501-507 '65. (MIRA 18:9)

1. Kafedra biokhimii Odesskogo meditsinskogo instituta i Sanitarno-karantinnoy stantsii porta Odessa.

KOROBTSOV, Ivan Maksimovich; PASHKOV, A.P., spets. red.; ZAREZIN, I.V., red.

[Technical servicing and repair of the fleet] Tekhnicheskoe obsluzhivanie i remont flota. Moskva, Transport, 1965. 195 p. (MIRA 19:1)

AVER'YANOVA, M.A.; ZARETSKAYA, L.P.; SHEYNIS, M.G. (Leningrad)

Treatment of barbiturate poisoning with strychnine. Vrach.delo no.11:1203 N '59. (MIRA 13:4)

1. Nervnoye otdeleniye bol'nitsy v pamyat' 25 Oktyabrya (nauchnyy rukovoditel' - prof. B.A. Favorskiy).
(BARBITURATES--TOXICOLOGY) (STRYCHNINE)

NECHAYEV, I.; ZARETSKAYA, M.A., otv. red.; MOTORINA, G.M., tekhn. red.

[The story of the elements] Rasskazy ob elementakh. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 141 p. (MIRA 14:6)

(Chemical elements)

NAUMOVA, I.B.; ZARETSKAYA, M.Sh.

Some properties of ribitol teichoic acid isolated from Actinomycon violaceus. Dokl. AN SSSR 156 no.6:1464-1467 Je '64. (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova. Predstavleno akademikom A.N. Belozerskim.

ARKHANGEL'SKAYA, Veronika Mikhaylovna; ZARETSKAYA, N.V., red.; ZENIN, V.V., tekhn. red.

[Elementary theory of numbers] Elementarnaia teoriia chisel; uchebnoe posobie. Saratov, Izd-vo Saratovskogo univ., 1962. 122 p. (MIRA 17:2)

LISTVIN, Viktor Fedorovich; ZARETSKAYA, N.V., red.; ZENIN, V.V., tekhn. red.

[Planned development of socialist production] Planomernoe razvitie sotsialisticheskogo proizvodstva; lektsiia po kursu politicheskoi ekonomii. Saratov, Izd-vo Saratovskogo univ., 1963. 58 p. (MIRA 16:9)
(Russia—Economic policy)

ZUDIN, Vasiliy Fedorovich; ZARETSKAYA, N.V., red.; POLESIN, L.Ya., red.

[Preventing and investigating offenses; according to data on safety violations in coal mines] Predotvrashchenie i rassledovanie prestuplenii; po materialam narushenii pravil bezopasnosti v ugol'nykh shakhtakh. Saratov, Izd-vo Saratovskogo univ., 1963. 314 p. (MIRA 17:12)

PENZOV, YuYe.; RZHEKHINA, N.F.; GOKHMAN, A.V.; KABANOV, N.I.; KONOPLEVA, Yu.K.; LOSIK, M.V.; SPIVAK, M.A.; ZARETSKAYA, N.V., red.

[Problems in vector algebra] Sbornik zadach po vektornoi algebre. Saratov, Izd-vo Saratovskogo univ., 1964. 59 p. (MIRA 18:4)

SEMENOVSKAYA, Ye.N., ZARETSKAYA, R.B.

Perception of the rhythm of intermittant light stimulations by the retina and the cerebral cortex. Probl.fiziol.opt. 12:377-387 '58 (MIRA 11:6)

1. Laboratoriya fiziologicheskoy optiki im. S.V. Kravkova Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney im. Gel'mgol'tsa.

(GLAUCOMA)
(ELECTROENCEPHALOGRAPHY)
(ELECTRORETINOGRAPHY)

EXCERPTA MEDICA Sec.12 Vol.12/5 Ophthalmology May 58

ZARETSKAYA, R.B.

736. THE ACTION OF SOME PHARMACOLOGICAL SUBSTANCES ON THE BIO-ELECTRICAL ACTIVITY OF THE RETINA IN HEALTHY PEOPLE AND IN PATIENTS WITH GLAUCOMA (Russian text) - Zaretskaya R. B. - SBORN. INFORM. -METOD. MATERIAL. INST. 1956, 4 (48-55)

An investigation was carried out on the influence on the retina of pharmacological substances acting on the cortical and subcortical areas of the brain (caffeine, sodium bromide, cordiamin (nikethamide), veronal). The (electroretinogram) recording was carried out on an 8-track oscillograph using a 6-channel amplifier. The electrodes were affixed to a spectacle frame. Caffeine in small doses in healthy people was noted to produce an increase in amplitude of the b-wave. These ERG changes were more marked in patients with glaucoma. Caffeine affected beneficially the biopotentials of the retina in patients with glaucoma. Sodium bromide in healthy people caused an increase in the b-wave. In patients with glaucoma its action was not constant: in some it lowered the ERG parameters, in others it influenced the potentials of the retina positively. No regularity of action by cordiamin or veronal on the action potentials of the retina could be demonstrated. (S)

ZARETSKAYA, R.B.

Methodology of recording the local electroretinogram. Bul. eksp. biol. i med. 56 no.7:120-123 Jl '63 (MIRA 17:3)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa (dir. - prof. A.V. Roslavtsev), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR A.V. Lebedinskim.

ZARETSKAYA, R.B.

EXCERPTA MEDICA Sec.12 Vol.10/12 Ophthalmology Dec 56

1809. ZARETZKAJA R. B. Inst. of Eye Dis., Moscow. *The influence of colours on the electroretinogram of a normal and a glaucomatous eye (Russian text) PROBL. FIZIOL. OPT. (Moscow) 1955, 11 (95-100) Tables 1 Illus. 8

Investigations were carried out on 8 persons with normal sight and 18 patients with glaucoma. In the latter group there were: advanced glaucoma in 18 eyes; initial stage of glaucoma in 7 eyes and glaucoma suspect in 4 eyes. The coloured radiations, obtained by filters, were compared by the method of heterochromic photometry; they corresponded to the following sectors of the spectrum: red filter (from 596 to 700 mμ.), green (from 450 to 635 mμ.), violet (from 312 to 509 mμ.) and blue (from 330 to 580 mμ.). The electroretinogram (ERG) in glaucoma, obtained by stimulation with white light, differred from the ERG of a healthy eye in the basic characteristics of the wave in 50% of the cases. The norm for the height of the wave was on an average 95 μv.; in a case of advanced glaucoma it did not exceed 55 μv. The duration of the wave was on an average 100 msec. as a norm, in an advanced glaucoma case 150 msec. The duration of the latent period and the rapidity with which the maximum was reached were in an advanced glaucomatous eye the same as in the normal eye. Stimulation with green, blue and violet colours produced a well marked ERG both in the normal and in the glaucomatous eye. The green light increased the amplitude of wave 'B', the blue and violet light decreased it in comparison with white light. The stimulation with red light produced only a very weak ERG in normal eyes. In glaucoma the stimulation with red light does not produce an ERG at all. The author supposes that the absence of an ERG by stimulation with red light might serve as a useful auxiliary objective method in the early diagnosis of glaucoma.

Tron - Leningrad (XII, 2)

ZARETSKAYA, R.E.

Zaretskaya, R.E. "Tests for wearing green glasses by sufferers of glaucomatosis," Sbornik nauch. rabot, posvyashch. pamyati akad. Averbakha, Moscow-Leningrad, 1948, p. 60-65

SO: U-3264 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

ZARETSKAYA, R. B.

2/256 ZARETSKAYA, R. B. Usloviya svetovoy i temnovoy adaptatsii kak faktor, opredelyayushchiy napravleniye reaktsiy glaza na ineelevotnyye razdrazhiteli. Problemy fiziol. T. VII, 1949, S. 47-51. - Bibliogr: S. 51.

SO: Letopis, No. 32, 1949.

ZARETSKAYA, R.B.

Effect of proserine and vitamin B_1 on conical sensitivity of the visual apparatus in normal and pathologic conditions. Probl.fiziol. opt. no.10:16-22 '52. (MLRA 7:11)

1. Otdeleniye fiziologicheskoy optiki Gos. nauchn. issled. in-ta glaznykh bolezney im. Gel'mgol'tsa. Zav. Otd. chl.-korr. AN i AMN SSSR prof. S.V.Kravkov [deceased]

(COLOR VISION
eff. of neostigmine & vitamin B_1 in normal & pathol. cond.)
(NEOSTIGMINE, effects,
on color vision in normal & pathol. cond.)
(VITAMIN B_1, effects,
on color vision in normal & pathol. cond.)

ZARETSKAYA, R.B.

Effect of color on an electroretinogram under noraml conditions and in glaucoma. Probl. fiziol.opt. 11:95-103 '55. (MLRA 9:6)

1. Otdeleniye fiziologicheskoy optiki Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(RETINA, physiology,
electroretinography, eff. of colors in normal cond. & glaucoma (Rus))
(GLAUCOMA, physiology,
electroretinography, eff. of colors (Rus))
(COLOR, effects,
on electroretinography in normal cond. & in glaucoma (Rus))

LARINSKAYA, ... K., Engineer Cand Tech Sci

Dissertation: "Construction of Modern Rotary Stages."

8/6/50

Moscow Architectural Inst

SO Vecheryaya Moskva
Sum 71

ZARETSKAYA, S. K., Engineer

"Construction of Modern Circular Stages." Thesis for degree of Cand. Technical Sci. Sub 8 Jun 50, Moscow Architectural Inst.

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

SHOSTAKOVSKIY, M.F.; KUZNETSOV, N.V.; ZARETSKAYA, Ya.B.

New method of synthesizing unsymmetrical acetals. Izv.AN SSSR Otd.khim.nauk no.5:922-923 My '63. (MIRA 16:8)

1. Institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.
(Acetals)

ZARETSKAYA, Yu.M.

Interoceptive reactions from lymph nodes under the effect of ionizing radiation on the organism. Med. rad. 1 no.3:20-29 My-Je '56. (MLRA 9:10)

(RADIATIONS, eff.
ionizing radiations causing interoceptive reflexes of chemoreceptor appar. of lymph nodes)
(REFLEXES
interoceptive of chemoreceptor appar. of lymph nodes, eff. of ionizing radiations)
(LYMPH NODES, blood supply intervation
chemoreceptor appar., eff. of ionizing radiation in interoceptive reflex)

Zhetskaya Vol. 27

ZARETSKAYA, Yu.M.

Appearance of Haemobartonella canis following splenectomy and abdominal lymphadenectomy in a dog. Med. paraz. i parazit.bol. 26 no.3: 350-354 My-Je '57. (MIRA 10:11)

(HAEMOBARTONELLA,
canis, appearance in dog after splenectomy & abdom. lymphadenectomy (Rus))
(SPLEEN, effect of excis.
Haemobartonella canis in dogs after splenectomy & abdom. lymphadenectomy (Rus))
(LYMPH NODES, effect of excis.
same)

ZARETSKAYA, Yu. M. Cand Biol Sci -- (diss) "On the problem of the [redacted] role of lymphoid tissues in radial reactions." Mos, 1958. 12 pp (Acad Med Sci), 350 copies (KL, 13-58, 94)

ZARETSKAYA, Yu.M.

Problem of the protective factor of the hemopoietic tissue; review of foreign literature. Med.rad. 3 no.2:81-85 Mr-Ap'58 (MIRA 11:5)

(HEMOPOIETIC SYSTEM, physiol.
protective factor in radiation inj.,review (Rus))
(RADIATION PROTECTION,
hemopoietic protective factor, review (Rus))

ZARETSKAYA, Yu.M.

"Radiation; what it is and how it affects you" [in English] by J. Shubert, R.E. Lapp. Reviewed by IU.M. Zaretskaia. Med.rad. 3 no.6:71-73 N-D '58. (MIRA 12:1)
(RADIATION--PHYSIOLOGICAL EFFECT)
(SHUBERT, J.) (LAPP, R.E.)

ZARETSKAYA, Yu.M.

Radiation sickness in dogs following extirpation of the lymphoid organs. Med.rad. 4 no.6:32-37 Je '59. (MIRA 12:8)
(LYMPHOID TISSUE, physiol.
eff. of excis. of various organs on exper. radiation sickness in dogs (Rus))
(ROENTGEN RAYS, eff.
same)

ZARETSKAYA, Yu.M. (Moskva)

Substrate of chemical stimulus activity in perfusion of the vascular system of the lymph node. Biul.eksp.biol. i med. 48 no.7:19-21 Jl '59. (MIRA 12:10)

1. Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(LYMPHATIC SYSTEM - blood supply)

ZARETSKAYA, Yu.M.

Effect of irradiation on myeloid cell lysis of the aqueous humor.
Med.rad. 5 no.10:25-28 '60. (MIRA 14:2)
(AQUEOUS HUMOR)
(RADIATION--PHYSIOLOGICAL EFFECT)

ZARETSKAYA, Yu.M., kand.biologicheskikh nauk; ANDREYEVA, M.P.; KVASNIKOVA, L.N.; SIMKINA, S.A.

Transplantation of the bone marrow in radiation injuries; survey of the literature. Vest.AMN SSSR 15 no.2:63-72 '60.
(MIRA 14:6)

(RADIATION SICKNESS) (MARROW--TRANSPLANTATION)

PHASE I BOOK EXPLOITATION SOV/5811

Zaretskaya, Yuliya Mikhaylovna

Limfoidnyye organy v luchevoy patologii (Lymphoid Organs in Radiation Pathology) Moscow, Medgiz, 1961. 114 p. Errata printed on the inside of back cover. 3000 copies printed.

Ed. (Title page): A.V. Lebedinskiy, Member of the Academy of Medical Sciences, Professor; Ed.: Ye.F. Baranova; Tech. Ed.: Yu.S. Bel'chikova.

PURPOSE: This book is intended for physicians and medical research specialists concerned with the pathology of lymphoid organs and particularly with the effects of ionizing radiation.

COVERAGE: The lymphoid organs are of interest from the viewpoint of pathogenesis as well as for the therapy of radiation sickness; thus a systematic generalization of the data relative to the reactions of lymphoid tissue and organs to radiation exposure is badly needed. The book was completed under the supervision of Professor A.V. Lebedinskiy, Member of the Academy of Medi-

Card 1/4

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S/205/61/001/006/011/022
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AUTHOR: Zaretskaya, Yu.M.

TITLE: Verification of hormonal action on the fate of transplanted bone-marrow cells in the irradiated animal body

PERIODICAL: Radiobiologiya, v. 1, no. 6, 1961, 892 - 898

TEXT: Experiments were made to determine the fate of transplanted bone-marrow cells, the factors governing their adaption in the body of the irradiated host, and the effect of testosterone propionate on these processes. Heterologous "radiation chimarae" consisting of mice protected by rat bone-marrow were used as subjects. At 5 and 4 days before radiation male mice were twice injected subcutaneously with a 1 % oil solution of testosterone at 0.05 ml./mouse/injection. Irradiation was with an experimental Co^{60} gamma-source with a dose of 800 r. 200 subjects were used divided into 4 groups: 1) Irradiation as control; 2) irradiation + bone-marrow; 3) testosterone + irradiation + bone-marrow; and 4) testosterone + irradia-

Card 1/5

Verification of hormonal action ...

tion. Transfusion of rat bone-marrow elements was intravenous on the day after irradiation. Donor leukocytes i.e. granulocytes were identified in the host by histochemical "marking". The control mice developed severe radiation sickness with typical blood changes and indications of hemorrhagic syndrome, and all died by the 13th day after irradiation. In group 4 radiation sickness was somewhat aggravated, duration of life being less than in the control. The introduction of bone-marrow alone and especially with testosterone increased the duration of life. In groups 2 and 3 there were 20 and 40 % of the subjects respectively still alive at the 13th day after irradiation, and 5 and 18 % at the 30th day. Mice given bone-marrow alone developed a pronounced period of "secondary disease", all dying in the 5 - 6th week. In half the group 2 mice which survived the 30 day period, adynamia, dystrophy, and other symptoms of secondary disease were not observed. About 10 % of the original number survived the period and lived ca. 200 days. There was little difference between groups 2 and 3 in the number of leukocytes in the peripheral blood. The number of erythrocytes was identical in both at 5 hours after irradiation, and somewhat less than the ini-

Verification of hormonal action ...

tial level. Subsequent replacement of their number, however, was more intense in group 3 than in group 2. At the end of the 30 day post-radiation period the number of erythrocytes in groups 2 and 3 reached 4 and 7 million as against an initial level of ca. 9 million. No donor granulocytes or erythrocytes were noted in the peripheral blood of the host 24 hours after the introduction of bone-marrow elements. Spleen was studied in mice dying during the first 10 days following irradiation, and in most of them rat granulocytes were found in spleen tissue. In group 2 mice rat granulocytes started to appear in the peripheral blood 6 - 7 days after irradiation. The transplanted rat cells adapted well in this group with active reproduction in 60 % of the mice. Granulocytes appeared after 5 hours in 13 % of group 3 mice and in the peripheral blood during the 5 - 8 days. There was persistent adaptation with active reproduction in 70 % of group 3 mice. Group 2 and 3 mice developed their own leukocytes at the end of the second week. The dynamics of granulocyte change in chimeral peripheral blood was used to demonstrate hemopoiesis by the transplant in the host. In both groups there were 2 developments: In one lot of mice the number of rat granulocytes increased and that of their own leukocytes fell gradually,

Card 3/5

Verification of hormonal action ...

the hosts dying in the 4 - 6th post-radiation week; in the other the hemopoiesis of the host increased, that of the transplant declining, with no rat granulocytes in the peripheral blood in the 4 - 5th week. Death ensued in the 9 - 10th week. The results of these experiments showed that the introduction of testosterone propionate before irradiation increased the effectiveness of bone-marrow therapy. It is suggested that 2 mechanisms are involved: 1) The immuno-biological activity of the host body was depressed, the hormone acting synergistically with the irradiation, increasing the reaction to it in group 3 mice, and 2) The erythrocyte and leukocyte constituents in peripheral blood increased with the introduction of the hormone prior to irradiation, confirming Tolmachev's data (Ref. 13: Tr. Novosibirskogo gos. in-ta usoversh. vrachey, 24, 93, 1945). It is therefore suggested that testosterone is able to induce hyperactivity in hemopoietic tissue, first of all affecting the acclimatized transplant. The effect of the hormone on the transplantation process requires further specialized study. There are 5 figures, 1 table and 13 references: 1 Soviet-bloc and 12 non-Soviet -bloc. The 4 most recent references to the English-language publi-

Card 4/5

Verification of hormonal action ...

cations read as follows: K. Porter and N. Cauch, Brit. J. Exptl. Pathol., 40, 52, 1959; C. Congdon, Blood, 13, 270, 1958; F. Shekarchu and T. Makinodan, Proc. Soc. Exptl. Biol. and Med., 100, 414, 1959; L. Jacobson and E. Simmons, Radiology, 75, 6, 1960.

SUBMITTED: April 21, 1961

Card 5/5

ZARETSKAYA, Yu.M.

Alkaline phosphatase activity in granulocytes of irradiated rats.
TSitologiia 4 no.1:76-79 Ja-F '62. (MIRA 15:4)

1. Akademiya meditsinskikh nauk SSSR, Moskva.
(LEUCOCYTES) (PHOSPHATASE) (RADIATION—PHYSIOLOGICAL EFFECT)

PETROV, Rem Viktorovich; ZARETSKAYA, Yuliya Mikhaylovna;
SOLDATENKOVA, T.A., red.

[Transplantation immunity and radiation chimeras]
Transplantatsionnyi immunitet i radiatsionnye khimery.
Moskva, Atomizdat, 1965. 230 p. (MIRA 19:1)

L 31964-66 EWT(m)
ACC NR: AP6018212 SOURCE CODE: UR/0219/66/061/006/0038/0039

21
B

AUTHOR: Zaretskaya, Yu. M. (Moscow)

ORG: none

19

TITLE: Therapeutic effect of bone marrow in irradiation with high-energy protons

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 6, 1966, 38-39

TOPIC TAGS: bone marrow, radiobiology, radiation biological effect, astrobiology, animal physiology, cell physiology, tissue physiology

ABSTRACT: The therapeutic effectiveness of bone marrow injections against high-energy (240 Mev) protons was studied in mice. CBA mice weighing 20—24 g were irradiated with 950 ± 50 rad (dose rate, 1.13 rad/sec) on the synchrocyclotron of the Joint Institute of Nuclear Research in Dubna, and injected at various time intervals after irradiation with 2.7—3 x 10^6 cells of isologous bone marrow in a physiological suspension. Controls received equal amounts of the physiological solution without the bone marrow cells. Erythrocyte and leuco-

Card 1/2 UDC: 617-001.28-089:616.419-089.844

L 31964-66
ACC NR: AP6018212

cyte counts were made every 10 days after irradiation. It was found that bone marrow injection 24 hr after irradiation had the greatest therapeutic effect. Orig. art. has: 1 table and 2 figures. [LS]

SUB CODE: 06/ SUBM DATE: 21Nov64/ ORIG REF: 004/ OTH REF: 002
ATD PRESS: 5122

Card 2/2

ACC NR: AM6006277 Monograph UR/

Petrov, Rem Viktorovich; Zaretskaya, YUliya Mikhaylovna

Transplantation immunity and radiation chimera (Transplantatsionnyy immunitet i radiatsionnyye khimery) Moscow, Atomizdat, 65. 0230 p. illus., biblio. 1,980 copies printed.

TOPIC TAGS: radiation, radiation biologic effect, radiation damage, blood, transplantation, biologic transplant, tissue transplant, organ transplant

PURPOSE AND COVERAGE: This compilation deals with the problems and achievements in transplanting blood-producing (hematogenous) tissue after overexposure to radiation. Problems of the incompatibility of tissues after transplantation (transplantation immunity), and the methods for overcoming this immunity are analyzed in the light of extensive literature and of the authors' experiments. Several chapters are devoted to methods of transplanting marrow and to the effectiveness of this operation. Biology of radiation chimera (organisms originating as a result of accepting the transplants after irradiation of cells and tissue) is presented in detail. The possibility of utilizing radiation chimera for solving actual radiobiological problems is discussed. A separate chapter deals with the authors' theory on the aftereffects of overexposure to radiation. The monograph is of interest to a large

Card 1/2 UDC: 578.089.843:621.039.553.5

L 50136-65 AMD Pu-4/Pa-4

ACCESSION NR: AM4039361 S/0299/64/000/008/R020/R020

SOURCE: Ref. zh. Biologiya, Abs. 8M121

AUTHOR: Petrov, R. V.; Zarotskaya, Yu. M.

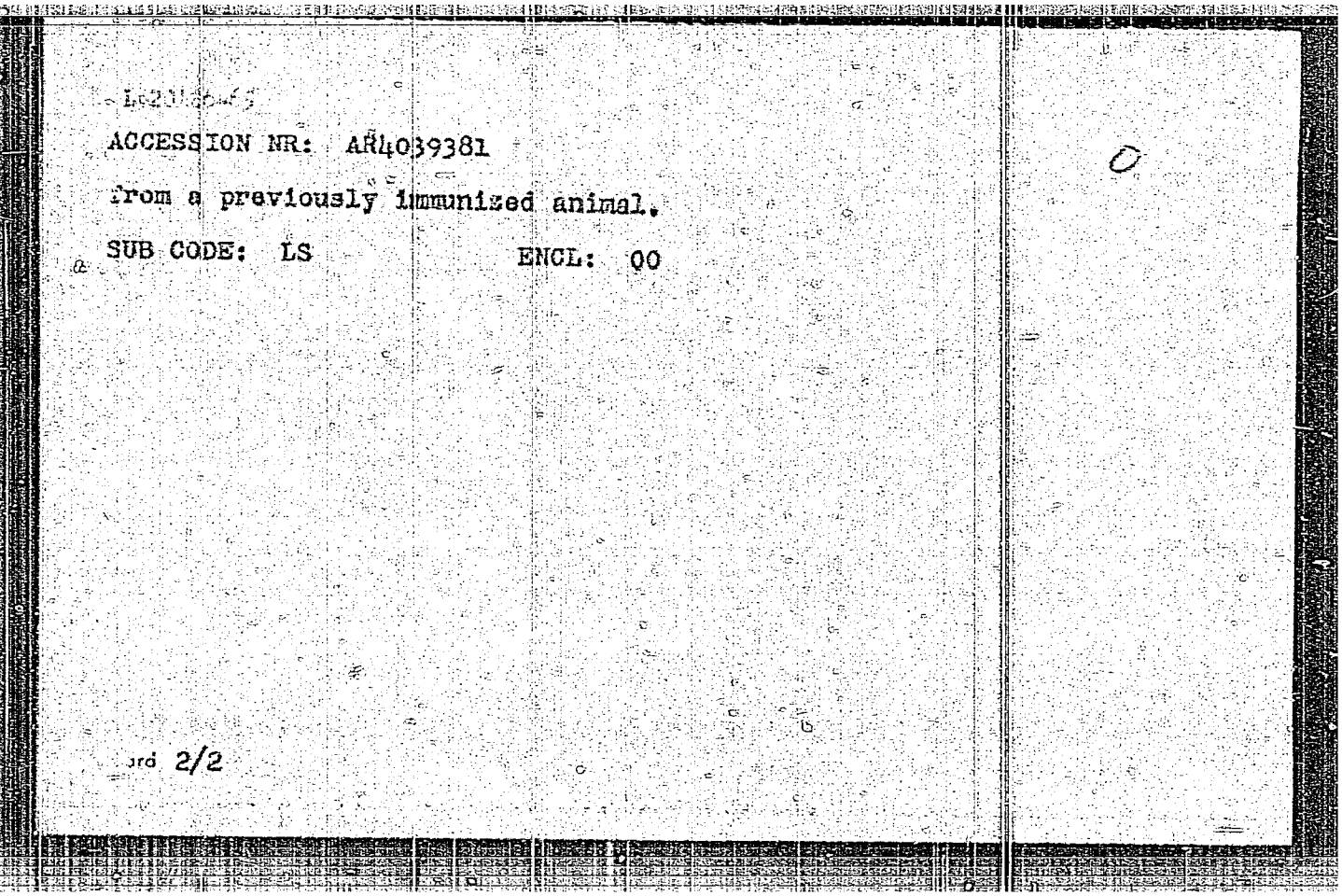
TITLE: Transplantation of immunologically competent cells in irradiated animals

CITED SOURCE: Sb. III Vsesoyuz. konferentsiya po peresadke tkaney i organov, 1963. Yerevan, 1963, 217-219

TOPIC TAGS: animal, irradiation exposure, cell, transplantation, lymph node, spleen, bone marrow, immune serum, homotransplantation

TRANSLATION: On the basis of the author's data and literature data, an attempt has been made to chart a course for overcoming complications connected with transplantation of immunologically competent cells (cells of the lymph nodes, spleen, and bone marrow). An analysis of the different methods of acting on the recipient and donor showed that the most promising method is to treat the donor's lymph tissue growth with immune sera and cells sensitized to the donor's growth, taken

Card 1/2



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ACCESSION NR: AR4039381

from a previously immunized animal.

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ard 2/2

ZARETSKAYA, Zel'da Matveyevna [translator]; YAGODKIN, G.I., otvetstvennyy redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor

[American cutter-loaders; a collection of translations] Amerikanskie gornye kombainy; sbornik perevodov. Moskva, Ugletekhizdat, 1956. 55 p. (MLRA 10:2)
(United States--Coal mining machinery)

USSR/Chemistry - Corrosion Jun 51

"Effect of Deformation on the Potential of Metals," Ye. M. Zaretskin

"Zhur Prik Khim" Vol XXIV, No 6, pp 614-623

183T49

Attempted to calc change of electrode potential from deformation work. Calcd values many times lower than exptl values. Deformation of Mg, Mg alloys, Al, Zn, steel, and Cu requires increase in voltage for dissolving the metals. Difference in potential of deformed and nondeformed metals decreases with time. Deformed Mg in 0.1 mol NaCl is cathodically polarized to greater and anodically

USSR/Chemistry - Corrosion (Contd) Jun 51

polarized to lesser deg than nondeformed Mg. Effect of deformation on polarization of Mg decreases as cd increases up to 0.6 mA/sq cm. Microelement models of Mg alloy showed that current strength increases with anode deformation and decreases with cathode deformation. Deformation of both electrodes increases corrosion current.

183T49

ZARETSKIN, Ye. M.

LYUTTS, Aleksandr Fedorovich, prof.; SOROKIN, Vasiliy Pavlovich, dotsent; ZARETSKIY, A.O., insh., red.; SERGEYEVA, A.I., insh., red.; BOBROVA, Yu.N., tekhn.red.

[Survey work in road construction] Geodezicheskie raboty v putevom khoziaistve. Moskva, Gos.transp. zhel-dor.izd-vo, 1959. 183 p. (MIRA 12:9)
(Surveying) (Road construction)

ZARETSKIY, A.O., inzhener

Width of roadbeds at the top. Transp.stroi.5 no.6:18-19 Ag'55.
(Railroads--Earthwork) (MLRA 8:12)

ZARETSKIY, A.O., inzh.

Arranging the lattice of rails and sleepers on the axis. Transp. stroi. 12 no.7:47-49 Jl '62. (MIRA 16:2)
(Railroads—Curves and turnouts)

ZARETSKIY, A. O., inzh.

Observations in connection with the revision of the clearance allowance of the track gauge. Put' i put. khoz. 6 no.9:24 '62. (MIRA 15:10)

(Railroads—Track)

GORINOV, Aleksandr Vasil'yevich, prof. Prinimali uchastiye: TURBIN, I.V., dotsent, kand.tekhn.nauk; KANTOR, I.I., dotsent, kand. tekhn.nauk; KONDRATCHENKO, A.P., dotsent, kand.tekhn.nauk; YEVREYSKOV, V.Ye., prof., retsenzent; LEBEDEV, A.I., dotsent, retsenzent; VOZNESENSKIY, G.D., dotsent, retsenzent; ISAKOV, L.M., dotsent, retsenzent; DZHGAMADZE, O.V., dotsent, retsenzent; CHERNYSHEV, G.P., inzh., retsenzent; MYSHKIN, G.N., inzh., retsenzent; ZAYTSEV, I.M., inzh., retsenzent; OZERETSKOVSKIY, V.P., inzh., retsenzent; ZARETSKIY, A.O., inzh., retsenzent; BUGROV, B.A., inzh., retsenzent; KOSTIN, I.I., prof., red.; BOBROVA, Ye.N., tekhn.red.

[Railroad surveying and designing] Izyskaniia i proektirovanie zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia. Vol.1. Izd.4., perer. 1951. 336 p. (MIRA 14:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov). 2. Kafedra "Proyektirovaniye i postroyka zheleznykh dorog" Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta (for Yevreyskov, Lebedev, Voznesenskiy, Isakov, Dzhgamadze). 3. Gosudarstvennyy proyektno-izyskatel'skiy institut "Gipropromtransstroy" (for Chernyshev, Myshkin, Zaytsev, Ozeretskovskiy, Zaretskiy, Bugrov).
(Railroad engineering)

Zaretskiy, A.K.

PHASE I BOOK EXPLOITATION 215

Pakidov, Petr Aleksandrovich

Novaya metodika rascheta tekhnologicheskikh razmerov i dopuskov pri mekhanicheskoy obrabotke detaley (New Method of Calculating Technological Process Dimensions and Tolerances in Machining Parts) Moscow, Mashgiz, 1956. 42 p. (Opmen tekhnicheskim opytom) 6,500 copies printed.

Reviewers: Zaretskiy, A. R., Engineer, and Kagan, S. L., Engineer; Tech. Ed.: Dugina, N. A.; Ed. of the Uralo-Siberian Branch of Mashgiz: Sustavov, M. I.

PURPOSE: The booklet is intended for engineering and technical personnel.

COVERAGE: The booklet describes the basic properties of dimension chains and methods for chain solutions, characteristic features of allowances and tolerances between successive machining operations. A method is given for calculating technological dimensions and tolerances involved in machining parts. A new method of calculating process dimensions measured from reference planes subject to further machining is presented and a new method of studying complex dimension chains having practical applications in plants is given.

Card 1/3

New Method of Calculating (Cont.)

AVAILABLE: Library of Congress (TJ 1167 .P3)

VK/eag
30 June 1958

Card 3/3

ZARETSKIY, A. R.

PAKIDOV, Petr Aleksandrovich; ZARETSKIY, A.R., inzhener, retsenzent; KAGAN, S.L., inzhener, retsenzent; DUGINA, N.A., tekhnicheskiy redaktor

[New method of calculating technological size and tolerance during machining of elements] Novaia metodika rascheta tekhnologicheskikh razmerov i dopuskov pri mekhanicheskoi obrabotke detalei. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1956. 42 p.
(Machine-shop practice)
(MLRA 10:8)

USSR/Cultivated Plants - Fodders.

II-6

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39354

Author : Zuretskiy, A.Ya.

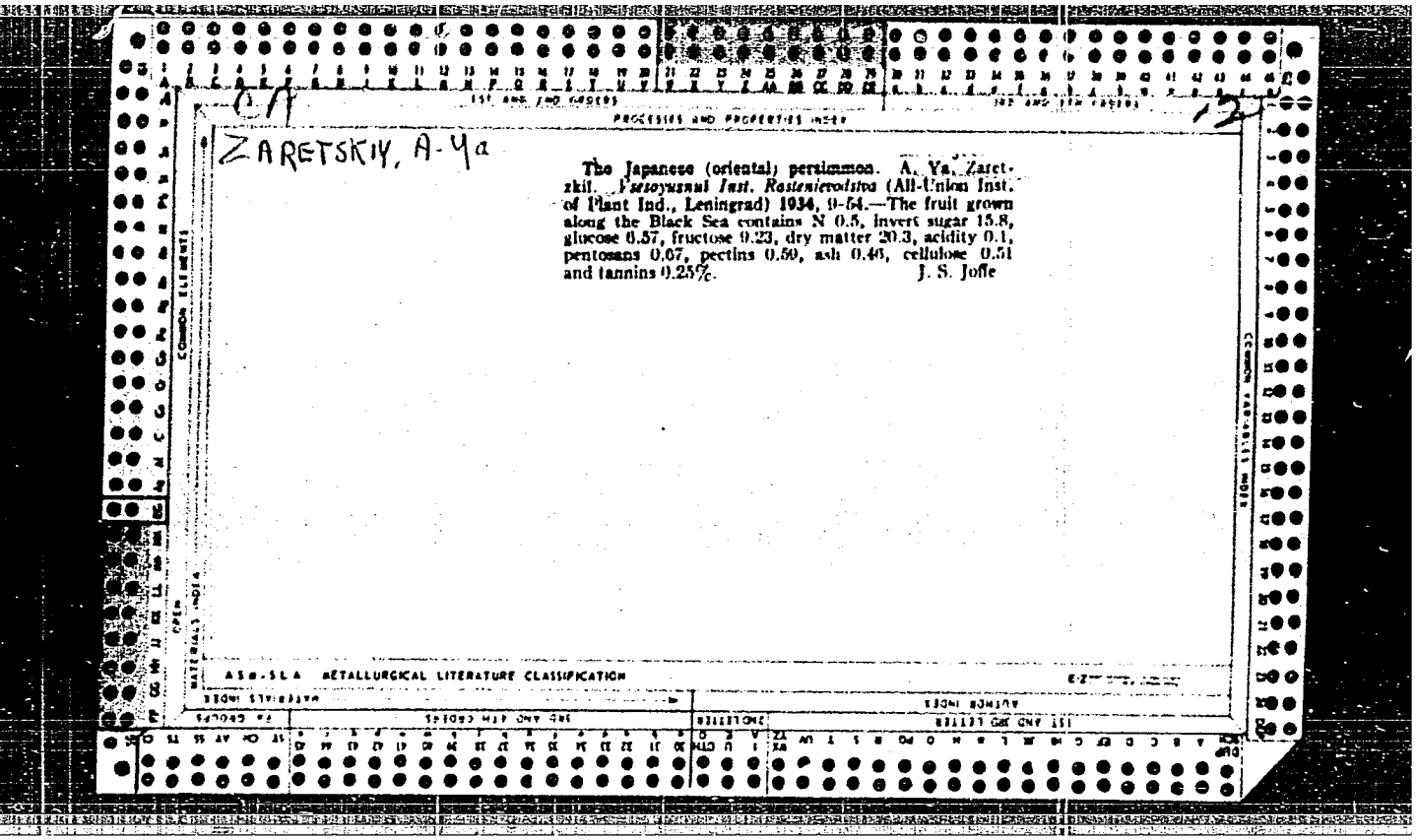
Inst : Tadzhik Scientific - Research Institute of Agriculture.

Title : Contribution to the Problem of Construction of a Long-Lasting Green Conveyer on Supplied Non-Irrigated Land in Tadzhikistan (A Preliminary Communication).

Orig Pub : Byul. nauchn.-tekhn. inform., Tadj. n.-i. in-t sadov., 1957, No 1, 42-44.

Abstract : No abstract.

Card 1/1



ZARETSKIY, A-Ya

The Japanese (oriental) persimmon. A. Ya. Zaretzkii. *Trudy Vsesoyuznal Inst. Rastenievodstva* (All-Union Inst. of Plant Ind., Leningrad) 1934, 9-54.—The fruit grown along the Black Sea contains N 0.5, invert sugar 15.8, glucose 6.57, fructose 9.23, dry matter 20.3, acidity 0.1, pentosans 0.67, pectins 0.59, ash 0.46, cellulose 0.51 and tannins 0.25%. J. S. Joffe

ZAREISKIY, A. YA.

Frost protection for young tangerine, orange and lemon orchards Sukhum, Izd. ABgiza, 1932. 8 P.

Cyr.4 SB71

ALTUNDZHI, A., inzhener.; ZARETSKIY, B., inzhener.

Power-driven slate scab cutter. Stroi. mat. 3 no.2:27 F '57.
(MIRA 10:3)

(Cutting machines)

ZARETSKIY, B., inzhener.

Equipment for loading sacked cement and asbestos on railroad cars.
Stroi.mat. 3 no.3:39-40 Mr '57. (MLRA 10:4)
(Loading and unloading)

ZAMETSKIY, B.

Traktory (Tractors - Layout and Operation)

126 p. 85¢

SO: Four Continent Book List, April 1954

ZARETSKIY, B.

Dredging

Deepening the waterways. Znan. sila no. 4, 1952.

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

BERNEY, I., kandidat tekhnicheskikh nauk; ZARETSKIY, B., inzhener.

Additional press rollers for sheet-rolling machines. Stroi. mat., izd.i konstr. 2 no.9:7-9 S '56. (MLRA 9:11)
(Asbestos cement) (Cement industries--Equipment and supplies)

KURTSER, R., inzhener; ZARETSKIY, B.

Automatic production line for pressed slate. Stroi.mat., izdel.i konstr. 2 no.1:20-22 Ja '56. (MLRA 9:5)
(Roofing) (Assembly-line methods)

VALEYEV, A.M.; GOLEV, Yu.D.; GOLEVA, Z.N.; GOLOVKO, R.Ye.; ZAVYALOVA, B.A.; ZARETSKIY, B.A.; ZVEREV, Ye.A.; LIPINSKIY, F.A.; MANGUSHEV, I.Kh.; MEYZLER, M.Kh.; MUTOVKIN, V.A.; RUDAKOV, Ya.D.; RUKOVANOV, B.P.; KHASANOV, G.M.; ESTRIN, Z.I.; ZUDIN, B.A., red.; BORUNOV, N.I., tekhn. red.

[Adjustment and operation of equipment in the Novo-Ufimskii Heat and Electric Power Plant] Naladka i ekspluatatsiia oborudovaniia na Novo-Ufimskoi TETs. Moskva, Gos. energ. izd-vo, 1961. 175 p. (MIRA 14:9)
(Bashkiria—Electric power plants)
(Bashkiria—Heating from central stations)

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B144/B138

AUTHORS: Golubev, B. N., Zaretskiy, B. F., Konstantinov, V. N.

TITLE: Automatization of screw extruders for plastics

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 454, abstract 22P95 (Mekhaniz. i avtomatiz. proiz-va, no. 3, 1961, 20-24)

TEXT: For automatic temperature control and regulation in the extrusion process, both positional (for larger temperature intervals) and speed-proportional floating control systems are used. But owing to the high inertia of the units hitherto used (e.g., resistance thermometer as pickup, autotransformer as regulating element, control has not proved effective enough. The use of electronic relays and miniature thermocouples gives much better results. At present, electronic machines of the MPC-200 (MARS-200) scan-checking type are still more effective. Each of these machines is able to control 20-40 extruder units. [Abstracter's note: Complete translation.]

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GOLUBEV, B.N., inzh.; ZARETSKIY, B.F.; KONSTANTINOV, V.N.

Automation of worm machines used in manufacturing plastics.
Mekh. i avtom.proizv. 15 no.3:20-24 Mr '61. (MIRA 14:3)
(Automation) (Plastics industry)

ZARETSKIY, B.I., inzh.; NEYFEL'D, M.S., inzh.; MESHKOV, G.V., inzh.; PRUZHANSKIY, G.D., inzh.

Corrugating and assembling unit designed by N.I.Ershov for making slate without using packing material. Stroi. mat. 6 no.11:25-27 N '60. (MIRA 13:11)

(Roofing, Slate)