"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIN, Yu.Ye., kandidat tekhnicheskikh nauk.

Planning railroad routes and profiles for electric locomotive traction. Trudy TSNIS no.12:89-135 '54. (MLRA 9:2)
(Electric railroads)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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CHERNOMORDIK, Grigoriy Il'ich; RYVKIN, Yuliy Yefimovich. Prinimali uchastiye: USHAKOV, S.S.; GERONIMUS, B.Ye.; GORODNICHEV, N.G., red.; BOBROVA, Ye.N., tekhn.red.

[Fundamentals of designing railroads with electric and diesel traction] Osnovy proektirovaniia zheleznykh dorog s elektricheskoi i teplovoznoi tiagoi. Moskva, Gos.transp.izd-vo, 1959. 327 p. (MIRA 12:12)

(Railroad engineering)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIN, Z.Ya.

From the practices of the operation of steam boilers with cyclones. Sakh.prom. 36 no.4:42-44 Ap '62. (MIRA 15:5)

1. Veselo-Podolyanskiy sakharnyy zavod.
(Separators (Machines)) (Sugar manufacture)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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Defektoskopiya metallov; sbornik statey (Flaw Detection in Metals; Collection of Articles) Moscow, Oborongiz, 1959. 458 p. Errata slip inserted. 4,550 copies printed.

Ed.: D.S. Shreyber, Candidate of Technical Sciences; Ed.: M.D. Lagovskaya; Tech. Ed.: V.P. Rozhin; Managing Ed.: A.S. Zaycvnikova, Engineer.

PURPOSE: This book is intended for engineers and technicians in the field of nondestructive inspection and testing of metals.

COVERAGE: This collection of articles deals with methods of nondestructive inspection and testing of metals. Results of investigations conducted at scientific research institutes and plants of magnetic, electrical, X-ray, ultrasonic, and fluorescent-penetrant methods of flaw detection are described. Detailed descriptions of flaw-detection methods and equipment are presented. Data are given on the status of the development of flaw-detection methods in non-Soviet countries. No personalities are mentioned. References follow several of the articles.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 | CIA-RDP86A00013R001446520004-5

Tissue metabolism at wound healing. D. E. Ryskina and A. R. Striganova. *Bull. acad. sci. U. R. S. S., Sér. Méd.* **1939**, 415-55 (in English, 455-6). During wound healing in animals the metabolism is greatly increased. There is an increase in the respiratory coeff., consumption of carbohydrates and cathepsin activity. In the regenerating tissue there is a decrease in the glycogen content and in the amt. of creatine-, pyro- and orthophosphates.

C. Jarowski

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

Study of the biochemical basis of the process of nervous stimulation and blocking with the aid of isotopes. Kh. S. Koshtoyants, T. M. Turpaev, and D. E. Ryvkina. *Sessiya Akad. Nauk S.S.S.R. po Mirnomu Ispol'zovaniyu Atomnoi Energii 1955, Zasedaniya Otdel. Biol. Nauk*, 289–302(English summary, 303–4).—Review of the use of Hg^{203} labels in studies of the action of the nervous system, particularly as related to participation of SH groups in the impulse. 19 references. G. M. Kosolapoff

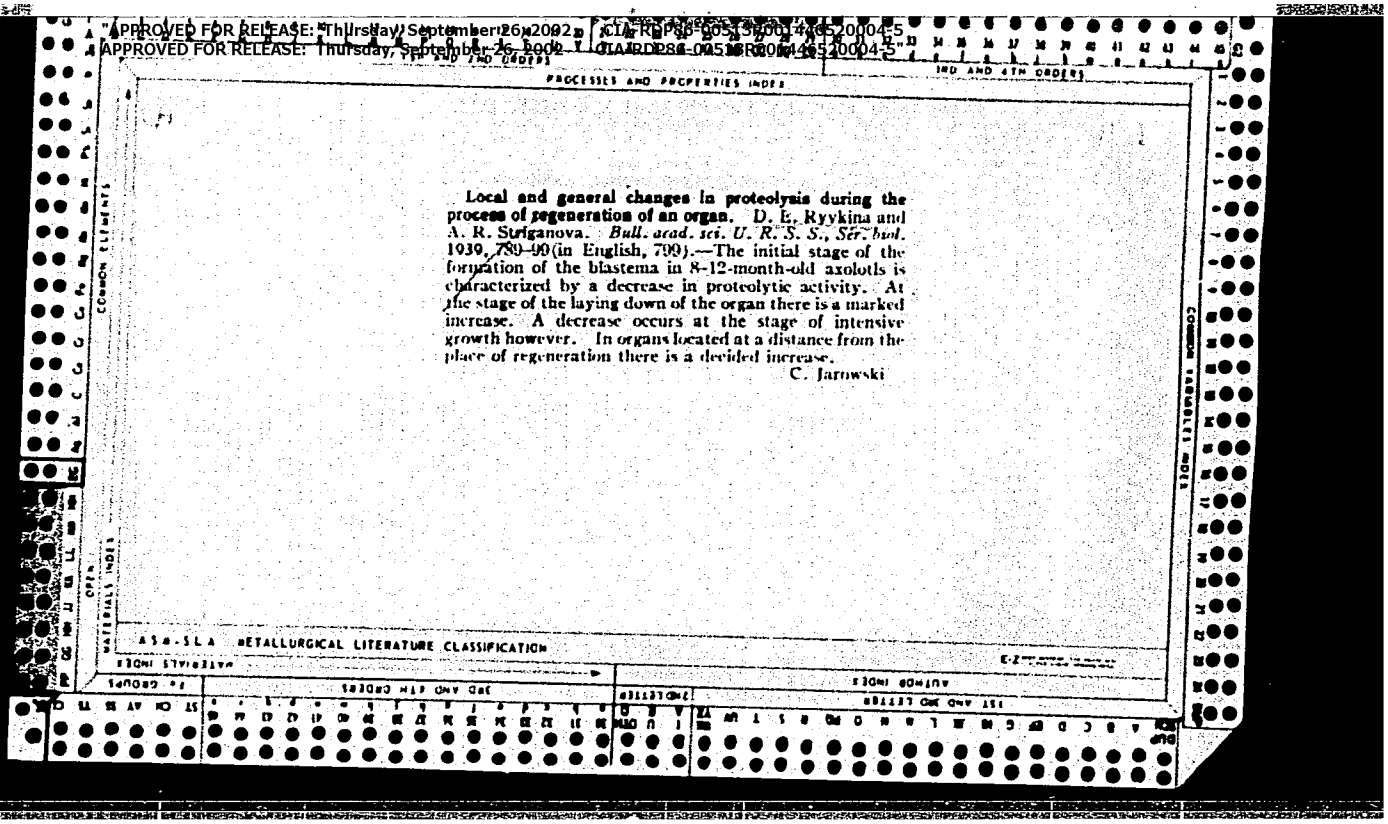
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKINA, D.Ye.

Effect of substances associated with neural stimulation on modifications of the activity of permeability factor. Biokhimiia, Moskva 17 no.1:25-28 Jan-Feb 1952. (CLML 24:5)

1. Laboratory of General and Comparative Physiology of the Institute of Animal Morphology, Academy of Sciences USSR, Leningrad.

APPROVED FOR RELEASE: Thursday, September 26, 2002
CIA-RDP86-00513R001465200045



Local and general changes in proteolysis during the process of regeneration of an organ. D. E. Ryykina and A. R. Striganova. *Bull. acad. sci. U. R. S. S., Sér. biol.* 1939, 789–90 (in English, 799).—The initial stage of the formation of the blastema in 8-12-month-old axolotls is characterized by a decrease in proteolytic activity. At the stage of the laying down of the organ there is a marked increase. A decrease occurs at the stage of intensive growth however. In organs located at a distance from the place of regeneration there is a decided increase.

C. Jarowski

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PROCESSES AND PROPERTIES INDEX

CA

11 D

The amount of reducing substances in tissues during regeneration. D. E. Ryvkina. *Compt. rend. acad. sci. U. R. S. S.* 27, 389–4(1940)(in German).—The tissues of normal extremities of axolotls contain about 6 mg. % of ascorbic acid. The tissues of regenerated extremities contain about twice as much ascorbic acid even as long as 60 days after regeneration has been completed. The ascorbic acid content remains high after the proteolytic activity has decreased. There is a direct relation between the increase in proteolytic activity and the decrease of oxidized glutathione. The decrease in proteolytic activity during the later stages of regeneration is related to the appearance of the oxidized form of glutathione and indicates protein synthesis. At the same time ascorbic acid increases.

Felix Saunders

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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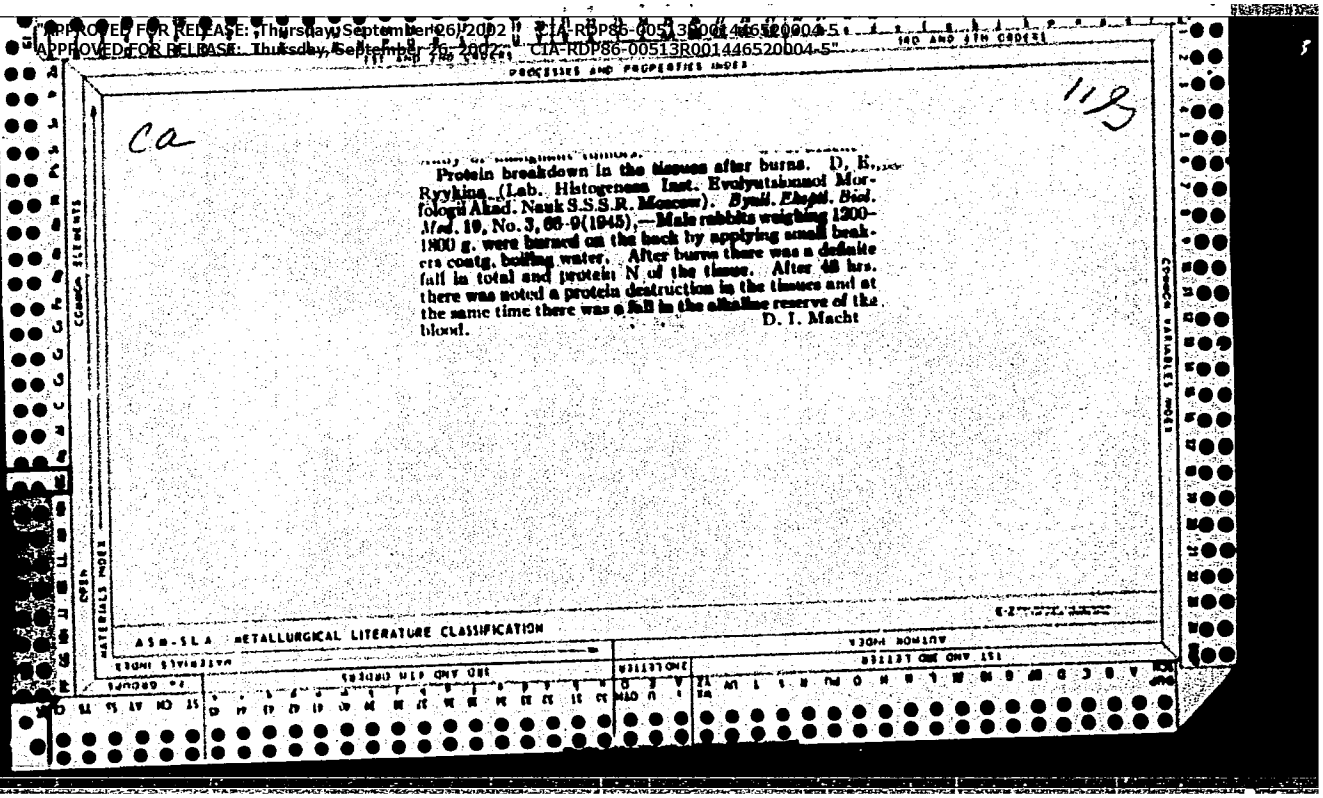
KOSHTOYANTS, Kh. S., RYVKINA, D. Ye.; MITROPOLITANSKAYA, R. L.

"Histamine Content in Various Divisions of the Nervous System". (Soderzhaniye gistamina v raznykh otdelakh nervnoy sistemy).

In the book, "Reports of Scientific-Research Work during 1944". Department of Biological Sciences. M.-L., AN SSSR, 1945, s. 143-144.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5



Ca

113

Protein breakdown in the tissues after burns. D. E. Ryvkina. (Lab. Histogenesis Inst. Evolyutsionnoi Morfologii Akad. Nauk S.S.S.R. Moscow). *Byull. Eksptl. Biol. Med.* 19, No. 3, 66-9(1945).—Male rabbits weighing 1200–1800 g. were burned on the back by applying small beakers contg. boiling water. After burns there was a definite fall in total and protein N of the tissue. After 48 hrs. there was noted a protein destruction in the tissues and at the same time there was a fall in the alkaline reserve of the blood.

D. I. Macht

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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11 F

Histamine contents of various nerves during excitation. D. E. Ryvkina and N. N. Bulatova (Inst. Evolut. Morphol., Acad. Sci., Moscow). *Byull. Eksptl. Biol. Med.* **22**, No. 9, 32–5(1946).—In the animal species studied the histamine contents of the nerves decreased in the order: phrenic, vagus, and sciatic. In rodents (rats and rabbits) the nerve histamine concn. is greater than in cats and dogs. The irritation of nerves by an elec. current of threshold strength leads to an increase in histamine concn. Stronger currents lead to a histamine depletion. The histamine concn. remains unchanged during morphine narcosis whether threshold or stronger currents are used.

H. A. Wegner

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11 L3

2a

Histamine in the anterior and posterior roots of the spinal cord in mammals. D. E. Ryvkina. *Doklady Akad. Nauk S.S.S.R.* 60, 1301-3(1948).—In using the technique of previous papers (R., Koshtoyants, Mitropolitanskaya, *Ibid.* 49, No. 5(1945); R. and Bulatova, *C.A.* 41, 2791g; *Bull. Exptl. Biol. Med.* 24, 1(1947)) on dogs it was shown that the larger part of the histamine content in the posterior roots is eliminated by administration of morphine narcosis; the increased amt. of histamine in this site in ether narcosis is analogous to its increase in threshold stimulation. The histamine level in anterior roots is not affected. The significance of the greater lability in the 1st instance cannot be ascertained with the data on hand. On efferent stimulation of severed posterior roots there is observed a peripheral dilatation of vessels connected with appearance of histamine in the tissues and the outflowing blood. Dogs under ether narcosis (without morphine) were subjected to stimulation of sciatic nerve (roots LV, SI, SII, SIII); then the severed sciatic nerve was stimulated in the afferent direction by threshold current for 1 min., by using both anterior and posterior roots on both sides. It appears that the afferent impulses from sciatic nerve proceed through anterior and posterior roots corresponding to the stimulated nerve, then are transferred to the other side; histamine may rise in the sciatic nerve on the other side. G. M. K.

Inst. Evolutionary Morphology im. A.N. Severtsov, AS USSR

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11F

Chemical mechanism of stimulus transfer in afferent nerves. D. R. Ryvkina. *Doklady Akad. Nauk S.S.S.R.* 64, 425-8(1949). Cats and dogs were the objects of investigations in which the isolated nerve roots were extd. with cold trichloroacetic acid and the ext. was divided into 2 portions and tested for histamine and treated according to Chang and Gaddum (*C.A.* 28, 5109). Decerebrated frog stomach muscle was used as the index. Cats generally gave more consistent results than dogs, but generally, under the conditions of ether narcosis, acetylcholine is detected in the nerve stems of posterior and anterior classes; like histamine, acetylcholine is more stably detected in anterior roots. The results stress the need for a review of the widely held opinion that the afferent nerves do not operate via acetylcholine mechanism. G. M. K.

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USSR/Medicine - Pain, Therapy Mar 49
Medicine - Analgesics

"The Problem of Chemical 'Mediators' of Pain,"
S. D. Balakhovskiy, D. Ye. Ryvkina, 3 pp

"Dok Ak Nauk SSSR" Vol LXV, No 3

Investigated antiacetylcholine and anthihistamine characteristics of citral solutions mixed with sodium cholate and anhydrous sodium cholate. Solutions mixed in a proportion of 1 : 100,000 (citral) had greater antiacetylcholine activity than pure citral. Same was observed for solutions of 1 : 50,000. Mixed solutions were sent to a clinic since their analgesic action could not be

39/49T76

USSR/Medicine (Contd) Mar 49

tested on animals. Found mixtures were more effective in reducing pain caused by tuberculosis of the throat than was pure citral. Submitted by Acad A. I. Oparin, 27 Jan 49.

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RYVKIN, D. P.

Physiological Chemistry

Histidine decarboxylase - histamine - histaminase system in various functional states of nerves, Trudy Inst. morf. zhiv., No. 6, 1952.

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

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

1. KOSHTOYNATS, Kh. S METROPOLITANSKAYA, R. L. RYBKINA, D. YE. TURPAYEV, T. M.

2. USSR (600)

4. Karakul Sheep

7. Materials on the physiological characterisitics of grey karakul lambs. Trudy Inst. morf. zhiv. no 7 '52.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Change in f') activity of the spreading factor by the action of substances related to nervous excitation. [illegible] kina (Acad. Sci., Moscow). *Biokhimiya* 17, 25-8(1952).—When hyaluronic acid is introduced into an isolated frog heart, and the mixed vagosympathetic nerve stimulated, the enzyme hyaluronidase becomes activated, and the hyaluronic acid depolymerizes. Nerve stimulation is accompanied by the liberation of acetylcholine, histamine, and adrenaline; these substances were therefore studied *in vitro* for their action on hyaluronidase. All 3 substances hastened the depolymerization of hyaluronic acid. The neg. effect obtained by previous investigators was caused by the presence of NaCl. H. Priestley

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RYVKINA, D.Ye.; KUZNETSOVA, N.Ye.

Significance of histamine in reflex reactions of the organism in multiple pain stimulation [with summary in English]. Fiziol.zhur. re no.3:252-258 Mr '57. (MLRA 10:8)

1. Laboratoriya obshchey i sravnitel'noy fiziologii Instituta morfologii zhivotnykh im. A.N.Severtsova AN SSSR, Moskva

(HEART, physiology,
eff. of pain stimulation after admin. of histamine (Rus))
(PAIN, experimental,
eff. on heart of repeated pain stimuli after admin. of histamine (Rus))
(HISTAMINE, effects,
on heart response to multiple pain stimuli (Rus))

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1. RYVKINA, D. Ye.

2. USSR (600)

4. Enzymes

7. Effect of some substances connected with the chemism of neural action and of thiolic poisons on the activity of hyaluronidase, Biokhimiia, 17, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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BAIAKHOVSKIY, S.D.; RYVKINA, D.Ye.; DROZDOVA, N.N.

Physiological properties of substances related to vitamin A in relation to change of their structure; antihistaminic action of allocimene. Doklady Akad. nauk SSSR 88 no. 3:527-529 21 Jan 1953. (CIML 24:1)

1. Presented by Academician A. I. Oparin 20 November 1952.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

BALAKHOVSKIY, S.D.; HYVKINA, D.Ye.; FEDOROVA, V.N.

Physiological effect of substances obtained as a result of the oxidation of carotene (antihistaminic and antiacetylcholinic activeness of retinene). Dokl.AN SSSR 93 no.5:869-870 D '53. (MLRA 6:12)

1. Predstavleno akademikom A.I.Oparinym.
(Carotene) (Retinene)

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Ryvkina, D.E.

MD

Study of the biochemical basis of the process of nervous stimulation and blocking with the aid of isotopes. Kh. S. Koshtoyants, T. M. Turpaev, and D. E. Ryvkina. *Conf. Acad. Sci. U.S.S.R. on Peaceful Uses of Atomic Energy, Session Div. Biol. Sci.* 1955, 173–0 (Engl. translation).—See *C.A.* 49, 16128*d*. B. M. R.

(2)

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

The effect of histamine on the phosphorus metabolism of the peripheral nerves. D. E. Ryvkina (A. N. Severtsov Inst. Animal Morphol., Acad. Sci. U.S.S.R., Moscow). *Biokhimiya* 20, 649-56(1955).—For the study of changes in P metabolism of the nerves shortly after the introduction of histamine, the following methods and materials were used. Rabbits were given subcutaneous injections of histamine chloride at the rate of 2.0-2.5 mg./kg.; 15 min. later the animals were injected subcutaneously with $Na_2HP^{32}O_4$ at the rate of 0.025 mc./kg.; control rabbits received $Na_2HP^{32}O_4$ only. After the animals were sacrificed detns. were made for specific activity (A_{sp}) of P and for acid-sol. P of blood. The sciatic nerves were removed, quickly washed in cold Ringer soln., dried with filter paper, weighed and ground frozen with 5% CCl_3CO_2H. Analytical fractionation was done by the method of Schneider (cf. *C.A.* 40, 913[9]). Detns. were made for A_{sp} for orthophosphoric acid, sol. phosphates, lipides, nucleoproteins, and phosphoproteins. The P content was detd. by the Kuttner and Cohen method (*C.A.* 22, 606). For the study of changes in the P metabolism of the nerves at extended periods after the introduction of the histamine, the following methods and materials were used: one group of rabbits received daily for 15 days subcutaneous injections of 0.007 mc./kg. in the form of $Na_2HP^{32}O_4$ and 0.5-1.0 mg./kg. of histamine dihydrochloride. Another group of rabbits served as controls and received similarly $Na_2HP^{32}O_4$ only. After the last $Na_2HP^{32}O_4$ and histamine injection rabbits were bled to death as previously in small subgroups at intervals of 5, 10, and 15 days. Detns. made were the same as previously described.

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THE EFFECT OF HISTAMINE

The procedures and materials used in the *in vitro* study of nerve sections were on the basis of a Warburg method adapted to the purpose at hand. For the study of the effect of histamine on the P metabolism of the nerves and muscles following neurostimulation the following procedure and material were used: Two groups of guinea pigs were used. One group received subcutaneous injections of 0.007 mc./kg. of $Na_2HP^{32}O_4$ and of 2.5 mg./kg. of histamine. The control group received no histamine injections. Two hrs. later all animals received 0.1 g./kg. of lumittal and both sciatic nerves were severed. Electrode stimulation was then applied to the afferent part of the sciatic nerves. The stimulation threshold was detd. and the load and optimum stimulation magnitudes established. Stimulation was continued for 60 min. Animals were then etherized and the gastrocnemius nerve combination removed, washed free of blood and the radioactivity detd. in 50-mg. portions. Results were expressed as percentage ratios between the radioactivities of the muscle-nerve preps. of the stimulated and non-stimulated specimens. It was found that P^{32} slowly permeates from the blood into the high molecular P compounds of the peripheral nerve. Histamine hastens the process of the

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THE EFFECT OF HISTAMINE

initial permeation of P from the blood to the peripheral nerves; it also hastens the early phases of the inclusion of intracellular P of the nerves into the low-molecular P compounds; however, it exerts no influence on the basic changeability of the high molecular fractions. In the later phases a stabilized metabolic equilibrium becomes established which remains unaffected by histamine. In the *in vitro* tests it was found that histamine stimulates the process of O_2 adsorption by the sections of the peripheral nerves, as well as the process of inclusion of P^{32} into the orthophosphate and phosphoprotein fractions. It was disclosed that a connection exists between the total radioactivity of the nerve and the muscle of the animals which received $Na_2HP^{32}O_4$ and the degree of muscle fatigue. Prolonged nerve stimulation following histamine injection gradually depletes the nerve and muscle tissues of P. The direct effect which histamine may have upon the P of the brain is expressed to a very slight degree only.

B. S. Levine

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RYVKINA, D. E.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Biological Chemistry

(13)

Physiological action of substances obtained as a result of oxidation of carotene (antihistamine and antiacetylcholine activity of retinene). S. D. Balakhovskii, D. E. Ryvkina, and V. N. Fedorova. *Doklady Akad. Nauk S.S.S.R.* 93, 869-70(1953); cf. *C.A.* 41, 5177*i*, 47, 7103g.—Oxidation of carotene with MnO_2 in the dark or in red light gave retinene in 60% yields, which in soln. showed no traces of carotene spectrophotometrically (detn. of retinene was done by optical d. at 385 mμ). The material must be freshly prepd. for biol. tests since the aq. solns. darken and spoil rapidly. Tested on isolated swine-intestine strips, the purified specimens have high antihistaminic and antiacetylcholine activity at 10^{-6} diln. Activity drops to zero at 10^{-7} diln.
G. M. Kosolapoff

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T

USSR/Human and Animal Physiology - The Nervous System.

Abs Jour : Ref Zhur Biol., No 3, 1959, 13209

Author : Ryvkina, D.Ye., Kuznetsova, N.Ye.

Inst :

Title : Importance of Histamine in Reflex Reactions of the Organism due to Multiple Pain Stimuli

Orig Pub : Fiziol. zh. SSSR, 1957, 43, No 3, 252-258

Abstract : Rabbits were subjected to pain stimuli (PS) on the skin of the paw for 30 minutes. Altogether, 30 PS were inflicted, and the experiments lasted ~2 months. The first PS caused an elevation in the blood of the sugar and histamine (I) content. These changes were not observed with multiple applications. With preliminary administration of antihistamine preparations (dimedrol and benadryl) the content of I decreased in the blood, and algesic hyperglycemia increased. Repeated PS called forth a persistant,

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RYVKINA, D.Ye.

New data on the problem of histamine. Usp. sovr. biol. 44 no.3: 389-395 N-D '57. (MIRA 11:1)

(LONDON--HISTAMINE--CONGRESSES)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKINA D.E.

4395. RYVKINA D.E. and KUZNETZOVA N.E. *The effect of histamine in responses to repeated painful stimulation (Russian text) FIZIOL. Ž. 1957, 43/3 (252-258) Graphs 3

Pain produced by electrical skin stimulation in rabbits first increases the histamine concentration in blood, but decreases it after about 15 repetitions within one month. Tachycardia, produced by pain stimulation, can be suppressed by antihistamine. Simonson - Minneapolis, Minn.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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BALAKHOVSKIY, S.D.; RYVKINA, D.Ye.; FEDOROVA, V.N.

Physiological effects of substances obtained by oxidation of carotene; antihistaminic and antiacetylcholinic effect of retinene. Doklady Akad. nauk SSSR 93 no.5:869-870 11 Dec 1953. (CIML 25:5)

1. V. N. Fedorova, deceased. 2. Presented by Academician A. I. Oparin 15 October 1953.

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DROZDOVA, N.N.; PROVOLOVICH, Ye.Ye.; RYVKINA, D.Ye.; BALAKHOVSKIY, S.D.

Antimediatoric activity of oxidized and unoxidized carotene.
Dokl. AN SSSR 112 no.2:294-296 Ja '57. (MLRA 10:4)

1. Predstavleno akademikom A. I. Oparinym.
(Carotene)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

HYALURONIDASE, U.S.S.R.

Effect of certain substances relation to chemistry of neural action and of thiol poisons on the activity of hyaluronidase. Biokhimiia, Moskva 17 no.5:563-569 Sept-Oct 1952. (CLML 25:1)

1. Institute of Animal Morphology imeni A. N. Severtsov of the Academy of Sciences USSR, Moscow.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIN, B.A.; RYVKINA, F.Z. (Leningrad)

Statistical recording of myocardial infarct. Terap. arkh. 35 no.5:100-101 My '63 (MIRA 16:12)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

ACC NR: AR6035550 SOURCE CODE: UR/0269/66/000/010/0059/0059

AUTHOR: Ryvkin, B. A.; Ryvkina, F. Z.

TITLE: Effect of solar and geomagnetic disturbances on the cellular composition and the blood prothrombin index

SOURCE: Ref. zh. Astronomiya, Abs. 10.51.427

REF SOURCE: Solnechnyye dannyye, no. 1, 1966, 76-78

TOPIC TAGS: solar activity, solar disturbance, geomagnetic disturbance, cellular composition, blood prothrombin index

ABSTRACT: The observations were carried out in 1962—1964 during minimum solar activity. It was observed that even then, the nonperiodic increases of solar activity exert a considerable biotropic effect on the blood system. As solar activity increases, the number of people affected also increases. This is probably related to the "sensitivity thresholds" which vary with individuals. [Translation of abstract] [DW]

SUB CODE: 03, 07/

Card 1/1 UDC: 523.7:525.235

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKINA, M.

Big delicatessen stores make more profit. Obshchestv.pit. no.9: 34 S '63. (MIRA 16:12)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

GINGOL'D, A.I.; RYVKINA, S.V.; VLASOV, V.A., professor, zaveduyushchiy.

Multiple progressive ossification of muscles in a twelve year old girl. (MLRA 6:5)
Pediatriia no.2:55-56 Mr-Ap '53.

1. Detskaya klinicheskaya bol'nitsa imeni professora Filatova (for Gingol'd, Ryvkina). 2. Klinika propedevtiki detskikh bolezney pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V. Stalina (for Gingol'd, Vlasov, Ryvkina). (Muscles--Diseases)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

GONCHAROVA, V.I.; ZAV'YALOVA, I.N.; PETROVA, I.A.; ROMANOV, V.V.; RYVKINA, V.B.

Some problems in the hydrology of swamps. Trudy GGI no.60:43-76 '57. (MIRA 10:12)
(Swamps) (Hydrology)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

PROKOF'EV, N.A.; KUDRYASHOVA, A.A.; RYVKINA, Ye.N.

Use of active dyes in resist printing as bottom for insoluble hydroxyazo dyes. Tekst. prom. 25 no.8:63-66 Ag '65. (MIRA 18:9)

1. Direktor Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Prorokov). 2. Nachal'nik opytno-proizvodstvennoy laboratorii Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Kudryashova) 3. Starshiy inzhener-khimik Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Ryvkina).

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKINA-FURMAN, R.M.; METELKIN, D.P., dots., red.; LISINA, V.M., tekhn. red.

[Surgical treatment of chronic osteomyelitis of the tubular bones caused by gunshot or of hematogenic origin] Khirurgicheskoe lechenie khronicheskogo ognestrel'nogo i gematogennogo osteomielita dlinnykh trubchatykh kostei. Novosibirsk, 1960. 278 p. (Novosibirsk. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. Trudy, no.9.) (MIRA 15:6)
(OSTEOMYELITIS) (GUNSHOT WOUNDS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKINA-FUIMAN, R.M. (Novosibirsk, Krasnyy prospekt, d. 51, korpus 4, kv. 34.)

Plastic surgery of bone defects with a pedicle skin and muscle flap from the opposite extremity. Vest. khir. 91 no.11:118-119 N '63. (MIRA 17:12)

1. Iz otdeleniya vosstanovitel'noy khirurgii Novosibirskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (direktor - dotsent D.P.Metelkin).

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKINA - FOORMAN, R.M.

Migrant muscle-skin pedicle flap for residual cavity in plasty of the tibia. Acta chir. plast. (Praha) 6 no.2:114-123 '64

1. Novosibirskiy nauchno-issledovatel'skiy institut travmatologii i ortopedii (U.S.S.R.); Director: Doc. D.P.Metelkin.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

UBIYKO, A.M., inzh.; RYVKIND, A.D., inzh.

High-voltage reversers and contactors with multiple arc-quenching chamber. Elektrotekhnika 35 no.3:48-50 Mr '64. (MIRA 17:5)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Vessels of the sinocarotid reflexogenic zone and their changes in atherosclerosis and hypertension; pathogenesis of "internal carotid artery thrombosis in the neck". Zhur. nevr. i psikh. 64 no.2:172-179 '64. (MIRA 17:5)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

Arterio-venous anastomoses of the small circulation. Final communication. New findings on structural peculiarities of closing arteries and on their functional significance. Arkh. pat., Moskva 14 no.4:80-86 July-Aug 1952. (CLML 23:2)

1. Of the Laboratory of General Pathological Anatomy (Head -- Academician A.I. Abrikosov), Institute of Normal and Pathological Morphology of the Academy of Medical Sciences USSR.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Reorganization of the intrapulmonary vessels related to changes in pulmonary circulation in pneumosclerosis. Arkh.pat. 22 no.5: 41-47 '60. (MIRA 13:9)

(LUNGS--BLOOD SUPPLY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

MIGUNOV, Boris Ivanovich; RIVKIND, A.V., red.; BASHMAKOV, G.M., tekhn. red.

[Pathological anatomy of diseases of the maxillodental system and mouth cavity] Patologicheskaia anatomiia zabolevanii zubocheliustnoi sistemy i polosti rta. Moskva, Medgiz, 1963. 134 p. (MIRA 16:5)

(STOMATOLOGY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva, D-57, Leningradskiy prospekt, 75-a, kv.20)

Histological changes in the arteries during development of collateral. Arkhiv. anat. gist. i embr. 43 no.10:79-83 O '62. (MIRA 17:6)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

ABRIKOSOV, Aleksey Ivanovich (1875-1955), akademik; STRUKOV, A.I., prof., otv. red.; RYVKIND, A.V., prof., red.; SEROV, V.V., dots., red.; ABRIKOSOVA, F.D., kand. med. nauk; KUSEVITSKIY, I.A., red.izd-va; UL'YANOVA, O.G., tekhn. red.

[Allergy and problems of pathology]Allergiia i voprosy patologii. Moskva, Izd-vo Akad. nauk SSSR, 1963. 487 p. (MIRA 16:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Strukov).

(ALLERGY) (PATHOLOGY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva) A-57, Leningradskiy prospekt, 75a, kv.20)

Arteriovenous anastomoses of the skin (glomera) and the tumors resulting from them (glomangiomas). Vop. onk. 8 no.9:52-61 '62. (MIRA 17:6)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof. (Moskva)

Osteoblastoclastoma of local fivrous osteodystorphy; problems in pathological anatomy and pathogenesis. Khirurgiia no.9:89-97 '61. (MIRA 15:5)

(BONES—TUMORS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof. (Moskva)

So-called pleurisy. Klin.med. no.12:130-131 '61. (MIRA 15:9)

(PLEURISY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof.

Letter to the editor. Arkh.anat.gist. i embr. 33 no.1:104 Ja-Mr '56
(MIRA 12:1)

(BLOOD VESSELS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

Pathology of closing arteries and of arterlovenous anastomoses. Doklady Akad. nauk SSSR 92 no.1:181-183 1 Sept 1953. (CLML 25:4)

1. Presented by Academician A. I. Abrikosov 27 June 1953.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

"Pulmonary arterial system in cases of congenital heart defects" [in German] by K. Kohn, M. Richter. Reviewed by A.V. Ryvkind. Arkh.anat.gist. i embr. 35 no.6:125-126 N-D '58. (MIRA 12:1)
(LUNGS--BLOOD SUPPLY)
(HEART--ABNORMITIES AND DEFORMITIES)
(KÖHN, K.) (RICHTER, M.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Hyperergic reaction of the organism during roentgenotherapy of malignant tumors; problem of the increased reactivity of the organism during medical treatment. Arkh. pat. 19 no.1:61-66 '57
(MLRA 10:4)

(RADIOTHERAPY, in various diseases,
cancer of nasopharynx, causing hyperergic crisis)
(NASOPHARYNX, neoplasms,
x-ray ther. causing hyperergic crisis)
(ALLERGY, etiology and pathogenesis,
hyperergic crisis causes by x-ray ther. of cancer of nasopharynx)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

24293 RIVKIND, A. V. Ob arterio-venoznykh anastomozakh mologo kruga krovoobrashcheniya. Soobshch. 4. Arteriovenoznyye anastomozy legochnoy i pristenochnoy plevr i plevral'nykh spayek; materialy k gistogenezu zamykayushchikh arteriy. Arkhiv patologii, 1949, VYP. 4, S. 62-69.

SO: Letopis, No. 32, 1949.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

USSR/Medicine - Physiology

Card 1/1 Pub. 22 - 52/53

Authors : Ryvkind, A. V.

Title : [redacted] Arteriovenous anastomosis (of artery closing type) as an adaptation phenomenon

Periodical : Dok. AN SSSR 102/4, 849-851, Jun 1, 1955

Abstract : Data are presented regarding the role of arteriovenous anastomoses in the distribution of the circulating oxygen-rich arterial blood and in maintaining the required oxygen level in venous blood. Three references: 2 USSR and 1 German (1894-1952). Drawings.

Institution : .....

Presented by : Academician A. I. Abrikosov, January 8, 1955

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVKIN, I. F.,
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Prof., L.b. General Pathological Anatomy, Inst. Normal and Pathological Morphology, Dept. Medico-Biol. Sci., Acad. Med. Sci., -1947-49-. "Symptoms of Ulcerous Diseases in Cases of Generalized (Parathyroidal) Osteodystrophia Filbrosa," Klin. Med., 26, No. 6, 1948; "Arteriovenous Anastomosis in a Localized Circulation," Arkhiv Patol., 10, No. 3, 1948; "Arteriovenous Anastomosis of the Pulmonary Circulation: III & IV, ibid., 11, Nos. 2 & 5. 1949;

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.; ABRIKOSOV, A.I., akademik.

Pathology of terminal arteries and arteriovenous anastomoses. Dokl.AN SSSR 92 no.1:181-183 S '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Abrikosov). (Arteries)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVKIND, APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Lungs

Arterie-venous anastomoses of pulmonary circulation; final communication. New findings on the structural peculiarities of closing arteries and on their functional significance. Arkhiv pat. 14 no. 4, 1952.

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

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

G.E. Koritskii and his "transformation theory" of tumors. Arkh. pat. 22 no. 12:68-72 '60. (MIRA 14:1)
(TUMORS) (KORITSKII, G.E.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

KRZHYZHANOVSKAYA, I.A.; GOL'DSHMIDT, E.M.; KRIULIN, V.N.; KUKOLEV, L.G.; RYVKIND, N.D.; SHOKOTOVA, B.G.

Properties of the dust of rotary kilns and ways of using it. Trudy IUzhgiprotsementa no.4:40-54 '63. (MIRA 17:11)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

SYRKIN, Ya.M.; GOL'DSHMIDT, E.M.; SHOKOTOVA, B.G.; RYVKIND, N.D.

Properties of dust and ways of using it. TSement 27 no. 2:11-12 Mr-Ap '61. (MIRA 14:5)

(Cement plants) (Salvage (Waste, etc.))

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RIVKIND, (A. L.)

Saturation coil calculation.

"Elektrichestvo", No. 8, 1950.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIS, I.K.

Blood picture during radiotherapy for malignant tumors of the female genitalia. Vop. onk. 6 no. 9:76-79 S '60. (MIRA 14:1)
(GENERATIVE ORGANS, FEMALE—CANCER) (BLOOD CELLS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

NIKOLAYENKO, Ye.G.; HYVKIS, Ya.M.; ADAMOV, G.G.; KUDRINSKIY, V.M.

Semiautomatic machine (model P84) for coremaking. Lit. proizv. no.11:34-35 N '60. (MIRA 13:12)

(Coremaking)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

NIKOLAYENKO, Ye.G.; BURAKOV, S.L.; RYVKIS, Ya.M.

Foundry pouring machines. Lit.proizv. no.3:12-14 Mr '62.
(MIRA 15:3)

(Foundries--Equipment and supplies)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

S/128/62/000/003/001/007
A004/A127

AUTHORS: Nikolayenko, Ye. G., Burakov, S. L., Ryvkis, Ya. M.

TITLE: Foundry pouring machines

PERIODICAL: Liteynoye proizvodstvo, no.3, 1962, 12 - 14

TEXT: The authors describe a number of pouring machines developed by the Tsentral'noye konstruktorsko-tekhnologicheskoye byuro (Central Designing and Technological Bureau) (TsKTB) of the Odessa Sovnarkhoz, G. A. Yarovinskiy, K. M. Gonchar, G. G. Adamov and V. M. Kudrinskiy participating in the development work. The stationary Л161 М (L161M) single-position pouring machine is remote-controlled from a panel and designed for ladles of 250 and 500 kg holding capacity. For nearly one year it has been in operation at the TsKTB experimental shop for casting plow stands of high-strength cast iron. Taking into account a plow stand weight of 25 kg, the L161M pouring machine has a capacity of 100 castings/hour at a pouring rate of 0.1 to 15.0 kg/sec. The machine overall dimensions are 1,500 x 1,000 x 1,550 mm, it weighs 800 kg without ladle. The authors give a detailed description of the machine design and operation and point out that the machine hydraulic system makes it possible to smoothly regulate the pouring rate and to

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Foundry pouring machines

stop pouring at any moment. Metal overflow and rejects because of pouring short of the top are completely eliminated. The labor productivity of pouring could be increased by a factor of 2. The three-position Л 199 М (L199M) pouring machine is intended for mechanized metal pouring into chills in the big-lot production of castings on automatic lines. This machine has been installed in casting lines at the Odessa Plant im. Oktyabr'skaya revolutsiya for casting high-strength cast iron plow stands, at the Torets and Kiselev Mechanical Engineering Plants for casting mine car wheels and at the Volgogradskiy traktornyy zavod (Volgograd Tractor Plant) for casting supporting rolls. The presence of three positions makes it possible to change the ladles with the metal without interrupting the working cycle of the line. Since the machine frame pivoting direction can be reversed, the liquid metal can be supplied from two sides. The machine is intended for ladles of 250 and 500 kg holding capacity, the angle of rotation of the magazine with the ladle is 90°, the pouring rate can be regulated from 0 - 50 kg/sec; the whole machine has a lifting speed of 60 mm/sec. The L199M machine has a hydraulic drive, the motor power is 4.5 kW. The machine weighs 5,530 kg, it is attended by one worker. The authors present a detailed description of the machine design. There are 5 figures.

Card 2/2

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RYVKIS, Ye.I.

Results of control of diphyllobothriasis in collective fish farms. Med.paraz. i paraz. bol.24 no.3:252-253 Jl-S '55. (MLRA 8:12)

1. Iz Primorskoy sanitarno-epidemiologicheskoy stantsii Kaliningradskoy oblasti.

(TAPEWORMS, INFECTIONS, prevention and control
diphyllobothriasis, in Russia, in fish farms)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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[illegible], Vasil', [illegible]; GAVRIKOV, N.Ya., [illegible]

Automating the pouring of the metal into molds. Lit. proizv. no.7:13-14 (MIRA 13:9)
[illegible].

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

PA 47/49T85

RYVLIA, L. S.

USSR/Medicine - Skin Diseases, Mar/Apr 49
Therapy
Medicine - Electrotherapy

"Dosage and Application of Ultrahigh Frequency for the Treatment of Certain Dermatoses," L. S. Ryvlia, Dermatol Clinic, First Leningrad Med Inst imeni Acad I. P. Pavlov, Lab of Skin Path, Acad Med Sci USSR, 3½ pp

"Vest Venerol i Dermatol" No 2

Ultrahigh frequency has definite therapeutic effect on neurodermatitis and prurigious eczema. Optimum results are obtained at 10 volts for 10 minutes. Tangent exposure of spinal cord [redacted]

47/49T85

USSR/Medicine - Skin Diseases, Mar/Apr 49
(Contd)

10 volts absorptive power is recommended as an effective method. Dir, Lab of Skin Path: O. N. Podvysotskaya, Corr Mem, Acad Sci USSR, Active Mem, Acad Med Sci USSR.

47/49T85

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

BUZUYEV, A., aspirant; RIVLIN, A., mladshiy nauchnyy sotrudnik

Calculating the resistance of icebreakers sailing in small floe ice. Mor. flot 21 no.8:36-38 Ag '61. (MIRA 14:9)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut.
(Ice-breaking vessels) (Ship resistance)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"
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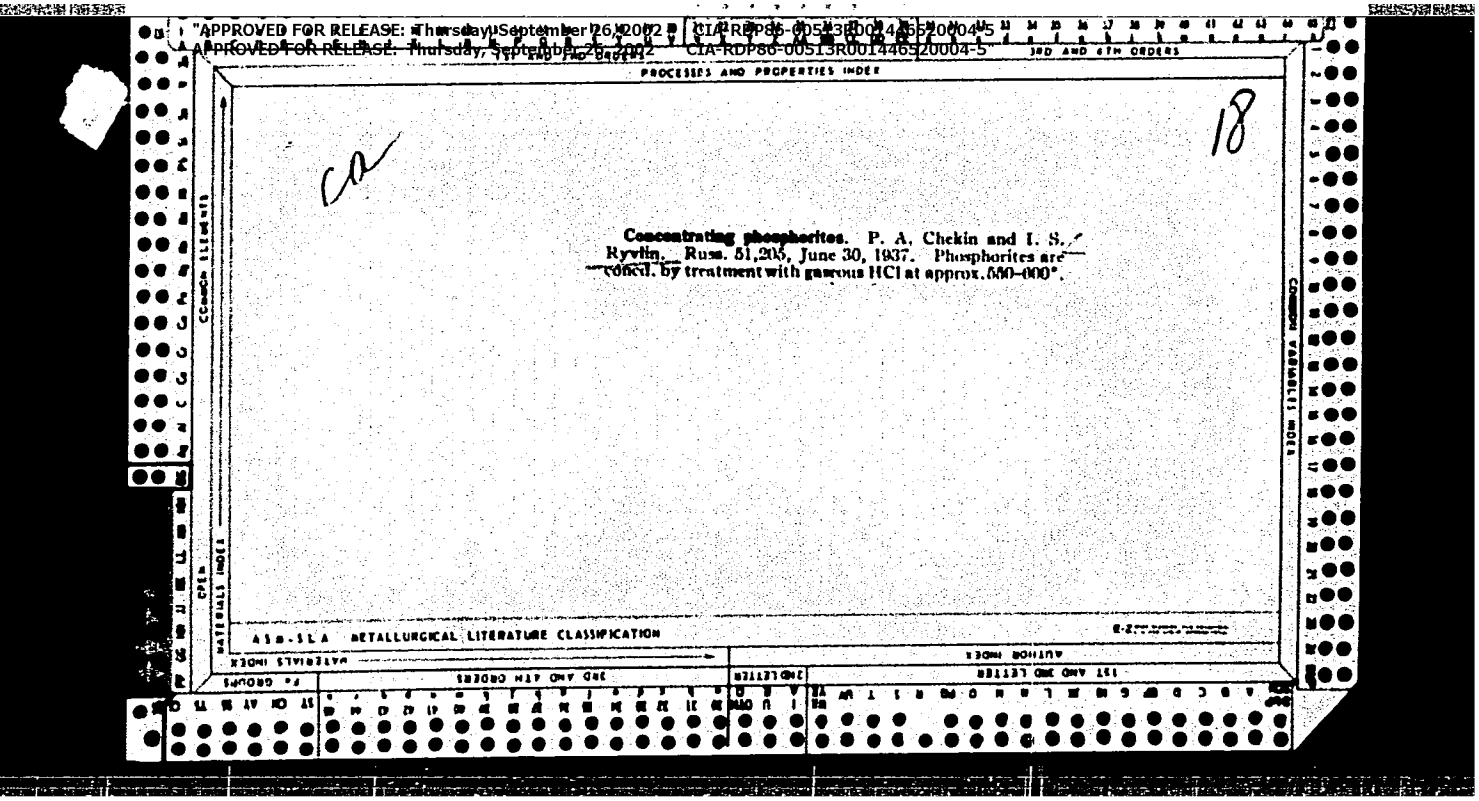

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVLIN, J. B.

The use of forearm tissue on a neurovascular pedicle for reconstruction of the upper extremity in place of high amputation or exarticulation. Acta chir. plast. 3 no.2:137-147 '61.

1. Uritsky Hospital, Leningrad (USSR) Director: Prof. D. A. Shushkov, MD, Cand. Med. Sc.

(TRANSPLANTATION) (ARM surgery)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVLIN, L. S. "APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Ryvlin, L. S. - "Dosage and application of ultra-high frequency for the treatment of certain dermatoses," Vestnik Venerologii i Dermatologii, 1949, No. 2, p. 29-32, - Bibliog: p.32

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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RYVLIN, N Ya

CA

4

Diaphragm for electrolysis. H. G. Gumanovskii and N. Ya. Ryvlin. Russ. 20,097, Mar. 31, 1931. A diaphragm for electrolysis is prepd. of a pair of glass wool satd. with fused S with the addn. of known powd. fillers, e. g., BaSO$_4$.

ASTIA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVLIN N. Ya.

The electrolysis of sodium sulfate. N. Ya. Ryvlin and B. G. Ginsburgskaii. *J. Chem. Ind.* (Moscow) 1932, No. 2, 41–8.—An app. for the electrolysis of Na_2SO_4 is described, contg. an acid- and alkali-resisting diaphragm, composed of glass wool 50, powdered S 45, SiO_2 3 and BaS 2% fused together at 200°. If no Cl ion is present, the diaphragm is entirely unaffected during electrolysis. H. M. Leicester

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POPOV, Yu. N., kand.tekhn.nauk; RYVLIN, A. Ya., inzh.

Propulsive unit icebreaker-tug. Sudostroenie 27 no.6:18-19 Je '61. (MIRA 14:6)

(Ice-breaking vessels)
(Tugboats)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

KHOMYAKOV, Ya.M.; GLADYSHEV, P.L.; TSYBULINA, Ye.V.; FATULA, M.I.; RYVLIN, Sh.M.; FEL'DMAN, Kh.I.; PANIN, G.A.; KAGANER, A.I.; GAZETOV, B.M.; GORCHAKOV, I.

Brief information. Sov.med. 28 no.4:145-147 Ap '65. (MIRA 18:6)

1. Fakul'tetskaya khirurgicheskaya klinika Chelyabinskogo meditsinskogo instituta (for Khomyakov, Gladshev). 2. Kafedra gospital'noy terapii Volgogradskogo meditsinskogo instituta (for TSybulina). 3. Khustskaya rayonnaya bol'nitsa Zakarpatskoy oblasti (for Fatula). 4. Pervaya bol'nitsa Orekhovo-Zuyeva (for Ryvlin). 5. Klinika khirurgii detskogo vozrasta Kiyevskogo meditsinskogo instituta (for Fel'dman). 6. Gospital'naya terapevticheskaya klinika i klinika otorinolarirgologicheskikh bolezney Orenburgskogo meditsinskogo instituta (for Panin). 7. Leningradskaya oblastnaya klinicheskaya bol'nitsa (for Kaganer). 8. Khirurgicheskoye otdeleniye TSentral'noy klinicheskoy bol'nitsy imeni Semashko Ministerstva putey soobshcheniya (for Gazetov). 9. Kafedra organizatsii zdravookhraneniya i istorii meditsiny Saratovskogo meditsinskogo instituta (for Gorchakov).

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KIRPICHEV, V.M.; MEVLIN, S.Sh.

Methods for calculating the given production capacity of a petroleum refinery. Khim. i tekh.topl. i masel 10 no.11:32-36 N '65.

(MIRA 19:1)

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YUDOVICH, V.G.; KHLEBORODOV, A.D.; SOLONEVICH, Ye.A.; VEYTS, V.L.; PANOV, F.S.; BELYAYEV, A.N.; ALAD'IN, O.I.; OSIPOV, V.F.; VOROB'YEV, A.I.; PROKOF'YEV, Yu.V.; SOLOV'YEV, Yu.A.; KUZ'MIN, A.V.; ZHIDONIS, V.Yu.; ZOLIN, A.V.; YATSUK, Ye.F. DOBROSLAVSKIY, V.L.; TROFIMOV, Ye.N.; DRYAGIN, Ye.R.; KOROLEV, V.F.; KERIMOV, N.B.; KRAVCHENKO, A.S.; RYVLIN, V.A.; GURCHENKO, A.P.; KRUGLIKOV, T.F.; CHERNYAKOV, F.A.; ARKHIPOV, N.K.

Authors' certificates and patents. Mashinostroenie no.1:101-103 Ja-F '65. (MIRA 18:4)

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RYVLIN, Ya.B., prof. (Leningrad)

Organizational prerequisites for extending surgical services in polyclinics. Sovet. zdravookhr. 5:22-26'63 (MIRA 17:2)

1. Iz Ob"yedinennoy bol'nitsy imeni Uritskogo (glavnyy vrach - kand. med. nauk D.N.Shushkov).

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RYVLIN, Ya.B., prof.

Late complication of an amebic abscess of the liver in the postoperative period. Khirurgiia 35 no.3:107-108 Mr '59. (MIRA 12:8)

1. Iz klinicheskogo otdeleniya kafedry operativnoy khirurgii (zav. - prof. Ya.B.Ryvlin) Omskogo gosudarstvennogo meditsinskogo instituta imeni M.I.Kalinina (dir. - prof. I.S.Novitskiy).
(AMEBIASIS, HEPATIC, surg.
postop. compl. (Rus))

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RYVLIN, Ya.B.

Role of single massive blood transfusion in functional mobilization of arterial collaterals. Khirurgiia, Moskva no. 7:56-59 July 1952. (CLML 23:1)

1. Of the Department of Operative Surgery (Head -- Prof. Ya. B. Ryvlin), Leningrad Medical Stomatological Institute.

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RYVLIN, Ya.B., professor (Leningrad); PSHONIK, A.T., professor (Leningrad)

Cortico-visceral theory of the pathogenesis and therapy of endarteritis. Klin. med. 31 no.11:24-28 N '53. (MLRA 6:12)

1. Iz Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (direktor - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor D.A.Biryukov) i kafedry operativnoy khirurgii Leningradskogo stomatologicheskogo instituta (direktor - professor R.I.Gavrilov).

(Arteries--Diseases) (Cerebral cortex)

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RYVLIN, Ya.B., prof.; KOLODNER. I.B., dots.; LEVIN, O.A., prof., polkovnik med. sluzhby [deceased]; KUPRIYANOV, P.A., general-leytenant med. sluzhby, red.; KOLESNIKOV, I.S., polkovnik med. sluzhby, prof., red.; RUKHIMOVICH,G.S., ved. red.; SHEVCHENKO, F.Ya., tekhn. red.; SHCHADENKO, A.S., tekhn. red.

[Atlas of gunshot wounds] Atlas ognestrel'nykh ranenii. Pod red. P.A.Kuprianova, I.S.Kolesnikova. Leningrad, Medgiz. Vol.6. [Gunshot wounds of the extremities; wounds of the shoulder, forearm, hip, and leg] Ognestrel'nye raneniia konechnostei; raneniia plecha, predplech'ia, bedra i goleni. 1954. 215 p. Vol.9. [Anaerobic infections following gunshot wounds] Anaerobnaia infektsiia posle ognestrel'nykh ranenii. 1953. 259 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.)Glavnoye voyenno-meditsinskoye upravleniye Vooruzhennykh Sil. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov).
(EXTREMITIES (ANATOMY))--WOUNDS AND INJURIES)
(GUNSHOT WOUNDS) (GAS GANGRENE)

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S/194/62/000/005/132/157
D271/D308

9.9822

AUTHOR: Ryvola, R.

TITLE: Study of the influence of meteorological factors on the propagation of meter waves far beyond the optical range

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-7-72 d (Sb. prací Výzkumn. ústavu spojů, 1959, Prague, 1960, 251-260)

TEXT: The dependence of field strength on the refraction factor of the troposphere is studied by the method of correlational analysis, in Czechoslovakian climatic conditions. An experimental link on 88.2 Mc/s, 386 km long, between Smrčiny and Praded was observed during one year. Collected data allow to establish to what extent results obtained abroad, in different climatic conditions, can be applied in Czechoslovakia. Measurements of the refraction factor were performed at a point 205 km from the town Smrčiny, at the heights of 370, 1000, 1500, 2000 and 3000 km. Signals were received and the field strength was measured in Praded, at relative altitudes of

Card 1/2

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CZECHOSLOVAKIA

RYVOLOVA, A.

Polarographic Institute of the Czechoslovak Academy of Sciences, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 8, 1963, pp 1985-1991

"On the Mechanism of Polarographic Reduction of Phthalic Acid-Diester in Alkaline Environment."

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

Polarography of unsaturated diketones of the type RCOCH-CHCOR. Anna Ryvolová (Polarograf. ústav ČSAV, Prague). *Chem. listy* 50, 1918-24(1956).—In buffered [illegible] aliphatic-aromatic, with the conjugated system —

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graphically.

RYVOLOVA, ANNA

Polarographic and oscillographic distinction between esters of phthalic acids. Anna Ryvolová. (Polarograf. ústav CSAV, Prague). *Chem. listy* 51, 1201-2(1957).—In the Britton-Robinson buffer soln. of pH 8-10, it was possible to det. polarographically and oscillopolarographically dimethyl phthalate in the presence of dimethyl terephthalate (I) and dimethyl isophthalate (II), and to det. II in the presence of trimethyl trimesate. The corresponding waves are of diffusive nature and directly proportional to the concn. of the depolarizers. Monoesters of phthalic acid give a reduction wave suitable for their detn. in a soln. of pH 2-3. Monomethyl terephthalate and I may be distinguished at pH 10. Distinction between all esters mentioned was possible by oscillographic polarography ($dE/dt = E$) in a soln. of pH 10. F. Strafelda

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Polarographic behavior of phthalic acid and some of its esters. A. Ryvolová and V. Hanuš. *Collection Czech. Chem. Communs.* 21, 853-61(1956)(in German).—See *C.A.* 50, 4675f. E. J. G.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVOLOVA, A.

On the mechanism of the polarographic reduction of pthalic acid-diester in alkaline medium. Coll Cz Chem 28 no.8:1985-1992 Ag '63.

1. Polarographisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVOLOVA, A. ; HANUS, V.

RYVOLOVA, A.; HANUS, V. Polarographic behavior of phthalic acid and some of its esters. p. 46. Vol. 50, no.1, Jan. 1956. CHEMICKE LISTY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVOLOVA, A.

"Polarographic and oscillographic distinction between esters of phthalic acid."

p. 1201 (Chemicke Listy, Vol. 51, no. 6, June 1957, Praha, Czechoslovakia.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6 June 1958

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RIVOLOVA, A.

"Polarography of unsaturated diketones of the R. CO. CH=CH. CO. R type. In German."

p.1114 (Sbornik Chekhoslovatskikh Khimicheskikh Rabot, Vol. 22, no. 4, Aug. 1957, Praha, Czechoslavakia)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 8, August 1958

RYVOLOVA
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001346520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001346520004-5

L 1807. Polarography of unsaturated diketones of the type R·CO·CH:CH·CO·R. A. Ryvolová (Polarographic Inst., Acad. Sci., Prague, Czechoslovakia). *Chem. Listy*, 1956, 50 (12), 1918–1924.—The ethylenic bond of aliphatic compounds containing the conjugated system –CO·CH:CH·CO–, when polarographically reduced, yields, in buffered soln., one wave, the half-wave potential of which does not depend on the length of the aliphatic chain. When this chain is substituted by a benzene ring, the half-wave potential is shifted to more positive values. When irradiated, the *trans* form of the investigated compounds is converted to the *cis* form. By using polarographic and oscillographic methods, the differentiation of both isomers is possible.

I. ZÝKA.

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RYVOLOVA, ANNA

5

V Polarographic behavior of phthalic acid and some of its esters. Anna Ryvolová and Vladimír Hanuš (Čsl. akad. věd., Prague). *Chem. Listy* 50, 46–63(1956).—The polarographic reduction of phthalic acid on the dropping Hg electrode in buffered solns. was accompanied by 3 waves, the reduction of corresponding monoesters by 2, and that of some diesters by 1 wave. The appearance and the height of the waves depended on the pH value of the soln. The interpretation of these waves was based on the assumption of various recombination possibilities, according to which the 1st of the waves was produced by the reduction of phthalic acid in the form of a cation, the 2nd one by the reduction of the undissocd. mol., whereas the last one was the wave of the univalent anion. The rate consts. of recombination and dissocn. were computed. F. Štráfelda

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RYVKIN, Yu.Ye., kandidat tekhnicheskikh nauk.

Planning railroad routes and profiles for electric locomotive traction. Trudy TSNIS no.12:89-135 '54. (MLRA 9:2)
(Electric railroads)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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CHERNOMORDIK, Grigoriy Il'ich; RYVKIN, Yuliy Yefimovich. Prinimali uchastiye: USHAKOV, S.S.; GERONIMUS, B.Ye.; GORODNICHEV, N.G., red.; BOBROVA, Ye.N., tekhn.red.

[Fundamentals of designing railroads with electric and diesel traction] Osnovy proektirovaniia zheleznykh dorog s elektricheskoi i teplovoznoi tiagoi. Moskva, Gos.transp.izd-vo, 1959. 327 p. (MIRA 12:12)

(Railroad engineering)

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RYVKIN, Z.Ya.

From the practices of the operation of steam boilers with cyclones. Sakh.prom. 36 no.4:42-44 Ap '62. (MIRA 15:5)

1. Veselo-Podolyanskiy sakharnyy zavod.
(Separators (Machines)) (Sugar manufacture)

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Defektoskopiya metallov; sbornik statey (Flaw Detection in Metals; Collection of Articles) Moscow, Oborongiz, 1959. 458 p. Errata slip inserted. 4,550 copies printed.

Ed.: D.S. Shreyber, Candidate of Technical Sciences; Ed.: M.D. Lagovskaya; Tech. Ed.: V.P. Rozhin; Managing Ed.: A.S. Zaycvnikova, Engineer.

PURPOSE: This book is intended for engineers and technicians in the field of nondestructive inspection and testing of metals.

COVERAGE: This collection of articles deals with methods of nondestructive inspection and testing of metals. Results of investigations conducted at scientific research institutes and plants of magnetic, electrical, X-ray, ultrasonic, and fluorescent-penetrant methods of flaw detection are described. Detailed descriptions of flaw-detection methods and equipment are presented. Data are given on the status of the development of flaw-detection methods in non-Soviet countries. No personalities are mentioned. References follow several of the articles.

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Tissue metabolism at wound healing. D. E. Ryskina and A. R. Striganova. *Bull. acad. sci. U. R. S. S., Sér. Méd.* **1939**, 415-55 (in English, 455-6). During wound healing in animals the metabolism is greatly increased. There is an increase in the respiratory coeff., consumption of carbohydrates and cathepsin activity. In the regenerating tissue there is a decrease in the glycogen content and in the amt. of creatine-, pyro- and orthophosphates.

C. Jarowski

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Study of the biochemical basis of the process of nervous stimulation and blocking with the aid of isotopes. Kh. S. Koshtoyants, T. M. Turpaev, and D. E. Ryvkina. *Sessiya Akad. Nauk S.S.S.R. po Mirnomu Ispol'zovaniyu Atomnoi Energii 1955, Zasedaniya Otdel. Biol. Nauk*, 289–302(English summary, 303–4).—Review of the use of Hg^{203} labels in studies of the action of the nervous system, particularly as related to participation of SH groups in the impulse. 19 references. G. M. Kosolapoff

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKINA, D.Ye.

Effect of substances associated with neural stimulation on modifications of the activity of permeability factor. Biokhimiia, Moskva 17 no.1:25-28 Jan-Feb 1952. (CLML 24:5)

1. Laboratory of General and Comparative Physiology of the Institute of Animal Morphology, Academy of Sciences USSR, Leningrad.

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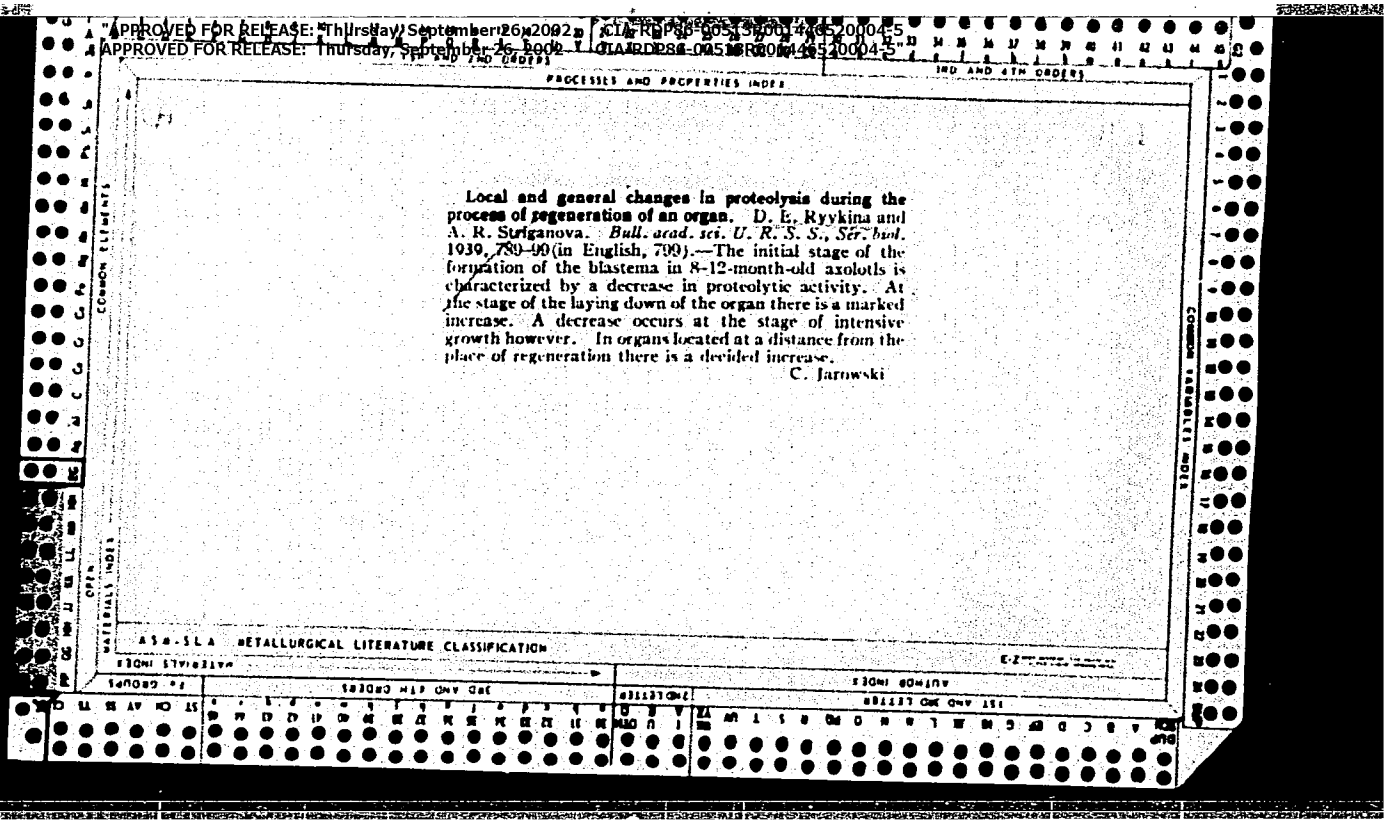
CIA-RDP86-00513R001465200045



Local and general changes in proteolysis during the process of regeneration of an organ. D. E. Ryykina and A. R. Striganova. *Bull. acad. sci. U. R. S. S., Sér. biol.* 1939, 789–90 (in English, 799).—The initial stage of the formation of the blastema in 8-12-month-old axolotls is characterized by a decrease in proteolytic activity. At the stage of the laying down of the organ there is a marked increase. A decrease occurs at the stage of intensive growth however. In organs located at a distance from the place of regeneration there is a decided increase.

C. Jarowski

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PROCESSES AND PROPERTIES INDEX

CA

11 D

The amount of reducing substances in tissues during regeneration. D. E. Ryvkina. *Compt. rend. acad. sci. U. R. S. S.* 27, 389–4(1940)(in German).—The tissues of normal extremities of axolotls contain about 6 mg. % of ascorbic acid. The tissues of regenerated extremities contain about twice as much ascorbic acid even as long as 60 days after regeneration has been completed. The ascorbic acid content remains high after the proteolytic activity has decreased. There is a direct relation between the increase in proteolytic activity and the decrease of oxidized glutathione. The decrease in proteolytic activity during the later stages of regeneration is related to the appearance of the oxidized form of glutathione and indicates protein synthesis. At the same time ascorbic acid increases.

Felix Saunders

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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KOSHTOYANTS, Kh. S., RYVKINA, D. Ye.; MITROPOLITANSKAYA, R. L.

"Histamine Content in Various Divisions of the Nervous System". (Soderzhaniye gistamina v raznykh otdelakh nervnoy sistemy).

In the book, "Reports of Scientific-Research Work during 1944". Department of Biological Sciences. M.-L., AN SSSR, 1945, s. 143-144.

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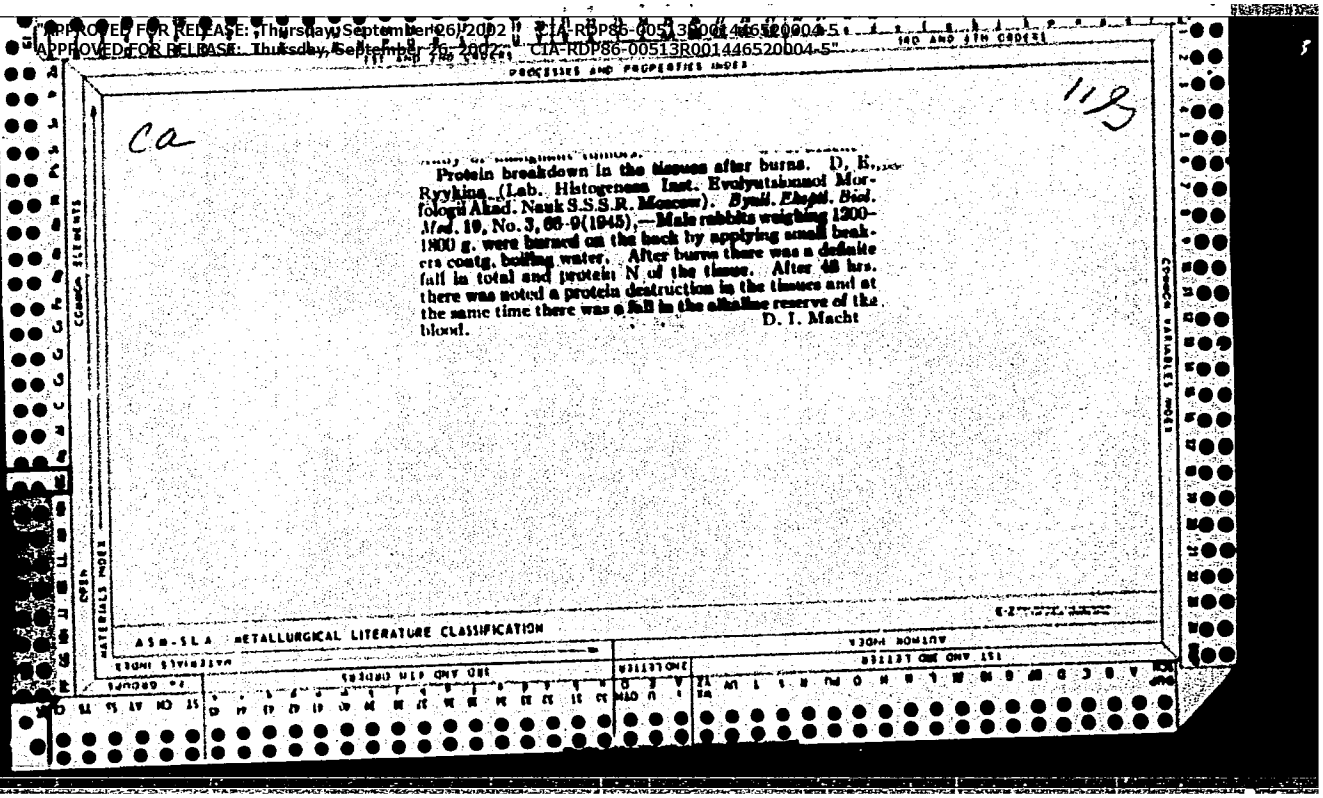

Ca

113

Protein breakdown in the tissues after burns. D. E. Ryvkina. (Lab. Histogenesis Inst. Evolyutsionnoi Morfologii Akad. Nauk S.S.S.R. Moscow). *Byull. Eksptl. Biol. Med.* 19, No. 3, 66-9(1945).—Male rabbits weighing 1200–1800 g. were burned on the back by applying small beakers contg. boiling water. After burns there was a definite fall in total and protein N of the tissue. After 48 hrs. there was noted a protein destruction in the tissues and at the same time there was a fall in the alkaline reserve of the blood.

D. I. Macht

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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11 F

Histamine contents of various nerves during excitation. D. E. Ryvkina and N. N. Bulatova (Inst. Evolut. Morphol., Acad. Sci., Moscow). *Byull. Eksptl. Biol. Med.* **22**, No. 9, 32–5(1946).—In the animal species studied the histamine contents of the nerves decreased in the order: phrenic, vagus, and sciatic. In rodents (rats and rabbits) the nerve histamine concn. is greater than in cats and dogs. The irritation of nerves by an elec. current of threshold strength leads to an increase in histamine concn. Stronger currents lead to a histamine depletion. The histamine concn. remains unchanged during morphine narcosis whether threshold or stronger currents are used.

H. A. Wegner

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11 L5

Histamine in the anterior and posterior roots of the spinal cord in mammals. D. E. Ryvkina. *Doklady Akad. Nauk S.S.S.R.* 60, 1301-3(1948).—In using the technique of previous papers (R., Koshtoyants, Mitropolitanskaya, *Ibid.* 49, No. 5(1945); R. and Bulatova, *C.A.* 41, 2791g; *Bull. Exptl. Biol. Med.* 24, 1(1947)) on dogs it was shown that the larger part of the histamine content in the posterior roots is eliminated by administration of morphine narcosis; the increased amt. of histamine in this site in ether narcosis is analogous to its increase in threshold stimulation. The histamine level in anterior roots is not affected. The significance of the greater lability in the 1st instance cannot be ascertained with the data on hand. On efferent stimulation of severed posterior roots there is observed a peripheral dilatation of vessels connected with appearance of histamine in the tissues and the outflowing blood. Dogs under ether narcosis (without morphine) were subjected to stimulation of sciatic nerve (roots LV, SI, SII, SIII); then the severed sciatic nerve was stimulated in the afferent direction by threshold current for 1 min., by using both anterior and posterior roots on both sides. It appears that the afferent impulses from sciatic nerve proceed through anterior and posterior roots corresponding to the stimulated nerve, then are transferred to the other side; histamine may rise in the sciatic nerve on the other side. G. M. K.

Inst. Evolutionary Morphology im. A.N. Severtsov, AS USSR

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

11F

Chemical mechanism of stimulus transfer in afferent nerves. D. R. Ryvkina. *Doklady Akad. Nauk S.S.S.R.* 64, 425-8(1949). Cats and dogs were the objects of investigations in which the isolated nerve roots were extd. with cold trichloroacetic acid and the ext. was divided into 2 portions and tested for histamine and treated according to Chang and Gaddum (*C.A.* 28, 5109). Decerebrated frog stomach muscle was used as the index. Cats generally gave more consistent results than dogs, but generally, under the conditions of ether narcosis, acetylcholine is detected in the nerve stems of posterior and anterior classes; like histamine, acetylcholine is more stably detected in anterior roots. The results stress the need for a review of the widely held opinion that the afferent nerves do not operate via acetylcholine mechanism. G. M. K.

RYVKIN "APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

USSR/Medicine - Pain, Therapy Mar 49
Medicine - Analgesics

"The Problem of Chemical 'Mediators' of Pain,"
S. D. Balakhovskiy, D. Ye. Ryvkina, 3 pp

"Dok Ak Nauk SSSR" Vol LXV, No 3

Investigated antiacetylcholine and anthihistamine characteristics of citral solutions mixed with sodium cholate and anhydrous sodium cholate. Solutions mixed in a proportion of 1 : 100,000 (citral) had greater antiacetylcholine activity than pure citral. Same was observed for solutions of 1 : 50,000. Mixed solutions were sent to a clinic since their analgesic action could not be

39/49T76

USSR/Medicine (Contd) Mar 49

tested on animals. Found mixtures were more effective in reducing pain caused by tuberculosis of the throat than was pure citral. Submitted by Acad A. I. Oparin, 27 Jan 49.

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"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKIN, D. P.

Physiological Chemistry

Histidine decarboxylase - histamine - histaminase system in various functional states of nerves, Trudy Inst. morf. zhiv., No. 6, 1952.

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

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

1. KOSHTOYNATS, Kh. S METROPOLITANSKAYA, R. L. RYBKINA, D. YE. TURPAYEV, T. M.

2. USSR (600)

4. Karakul Sheep

7. Materials on the physiological characterisitics of grey karakul lambs. Trudy Inst. morf. zhiv. no 7 '52.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Change in f') activity of the spreading factor by the action of substances related to nervous excitation. [illegible] kina (Acad. Sci., Moscow). *Biokhimiya* 17, 25-8(1952).—When hyaluronic acid is introduced into an isolated frog heart, and the mixed vagosympathetic nerve stimulated, the enzyme hyaluronidase becomes activated, and the hyaluronic acid depolymerizes. Nerve stimulation is accompanied by the liberation of acetylcholine, histamine, and adrenaline; these substances were therefore studied *in vitro* for their action on hyaluronidase. All 3 substances hastened the depolymerization of hyaluronic acid. The neg. effect obtained by previous investigators was caused by the presence of NaCl. H. Priestley

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RYVKINA, D.Ye.; KUZNETSOVA, N.Ye.

Significance of histamine in reflex reactions of the organism in multiple pain stimulation [with summary in English]. Fiziol.zhur. re no.3:252-258 Mr '57. (MLRA 10:8)

1. Laboratoriya obshchey i sravnitel'noy fiziologii Instituta morfologii zhivotnykh im. A.N.Severtsova AN SSSR, Moskva

(HEART, physiology,
eff. of pain stimulation after admin. of histamine (Rus))
(PAIN, experimental,
eff. on heart of repeated pain stimuli after admin. of histamine (Rus))
(HISTAMINE, effects,
on heart response to multiple pain stimuli (Rus))

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

1. RYVKINA, D. Ye.

2. USSR (600)

4. Enzymes

7. Effect of some substances connected with the chemism of neural action and of thiolic poisons on the activity of hyaluronidase, Biokhimiia, 17, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

BAIAKHOVSKIY, S.D.; RYVKINA, D.Ye.; DROZDOVA, N.N.

Physiological properties of substances related to vitamin A in relation to change of their structure; antihistaminic action of allocimene. Doklady Akad. nauk SSSR 88 no. 3:527-529 21 Jan 1953. (CIML 24:1)

1. Presented by Academician A. I. Oparin 20 November 1952.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

BALAKHOVSKIY, S.D.; HYVKINA, D.Ye.; FEDOROVA, V.N.

Physiological effect of substances obtained as a result of the oxidation of carotene (antihistaminic and antiacetylcholinic activeness of retinene). Dokl.AN SSSR 93 no.5:869-870 D '53. (MLRA 6:12)

1. Predstavleno akademikom A.I.Oparinym.
(Carotene) (Retinene)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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Ryvkina, D.E.

MD

Study of the biochemical basis of the process of nervous stimulation and blocking with the aid of isotopes. Kh. S. Koshtoyants, T. M. Turpaev, and D. E. Ryvkina. *Conf. Acad. Sci. U.S.S.R. on Peaceful Uses of Atomic Energy, Session Div. Biol. Sci.* 1955, 173–0 (Engl. translation).—See *C.A.* 49, 16128*d*. B. M. R.

(2)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

The effect of histamine on the phosphorus metabolism of the peripheral nerves. D. E. Ryvkina (A. N. Severtsov Inst. Animal Morphol., Acad. Sci. U.S.S.R., Moscow). *Biokhimiya* 20, 649–56(1955).—For the study of changes in P metabolism of the nerves shortly after the introduction of histamine, the following methods and materials were used. Rabbits were given subcutaneous injections of histamine chloride at the rate of 2.0–2.5 mg./kg.; 15 min. later the animals were injected subcutaneously with $Na_2HP^{32}O_4$ at the rate of 0.025 mc./kg.; control rabbits received $Na_2HP^{32}O_4$ only. After the animals were sacrificed detns. were made for specific activity (A_{sp}) of P and for acid-sol. P of blood. The sciatic nerves were removed, quickly washed in cold Ringer soln., dried with filter paper, weighed and ground frozen with 5% CCl_3CO_2H. Analytical fractionation was done by the method of Schneider (cf. *C.A.* 40, 913[8]). Detns. were made for A_{sp} for orthophosphoric acid, sol. phosphates, lipides, nucleoproteins, and phosphoproteins. The P content was detd. by the Kuttner and Cohen method (*C.A.* 22, 600). For the study of changes in the P metabolism of the nerves at extended periods after the introduction of the histamine, the following methods and materials were used: one group of rabbits received daily for 15 days subcutaneous injections of 0.007 mc./kg. in the form of $Na_2HP^{32}O_4$ and 0.5–1.0 mg./kg. of histamine dihydrochloride. Another group of rabbits served as controls and received similarly $Na_2HP^{32}O_4$ only. After the last $Na_2HP^{32}O_4$ and histamine injection rabbits were bled to death as previously in small subgroups at intervals of 5, 10, and 15 days. Detns. made were the same as previously described.

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THE EFFECT OF HISTAMINE

The procedures and materials used in the *in vitro* study of nerve sections were on the basis of a Warburg method adapted to the purpose at hand. For the study of the effect of histamine on the P metabolism of the nerves and muscles following neurostimulation the following procedure and material were used: Two groups of guinea pigs were used. One group received subcutaneous injections of 0.007 mc./kg. of $Na_2HP^{32}O_4$ and of 2.5 mg./kg. of histamine. The control group received no histamine injections. Two hrs. later all animals received 0.1 g./kg. of lumittal and both sciatic nerves were severed. Electrode stimulation was then applied to the afferent part of the sciatic nerves. The stimulation threshold was detd. and the load and optimum stimulation magnitudes established. Stimulation was continued for 60 min. Animals were then etherized and the gastrocnemius nerve combination removed, washed free of blood and the radioactivity detd. in 50-mg. portions. Results were expressed as percentage ratios between the radioactivities of the muscle-nerve preps. of the stimulated and non-stimulated specimens. It was found that P^{32} slowly permeates from the blood into the high molecular P compounds of the peripheral nerve. Histamine hastens the process of the

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THE EFFECT OF HISTAMINE

initial permeation of P from the blood to the peripheral nerves; it also hastens the early phases of the inclusion of intracellular P of the nerves into the low-molecular P compounds; however, it exerts no influence on the basic changeability of the high molecular fractions. In the later phases a stabilized metabolic equilibrium becomes established which remains unaffected by histamine. In the *in vitro* tests it was found that histamine stimulates the process of O_2 adsorption by the sections of the peripheral nerves, as well as the process of inclusion of P^{32} into the orthophosphate and phosphoprotein fractions. It was disclosed that a connection exists between the total radioactivity of the nerve and the muscle of the animals which received $Na_2HP^{32}O_4$ and the degree of muscle fatigue. Prolonged nerve stimulation following histamine injection gradually depletes the nerve and muscle tissues of P. The direct effect which histamine may have upon the P of the brain is expressed to a very slight degree only.

B. S. Levine

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RYVKINA, D. E.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Biological Chemistry

(13)

Physiological action of substances obtained as a result of oxidation of carotene (antihistamine and antiacetylcholine activity of retinene). S. D. Balakhovskii, D. E. Ryvkina, and V. N. Fedorova. *Doklady Akad. Nauk S.S.S.R.* 93, 869-70(1953); cf. *C.A.* 41, 5177*i*, 47, 7103g.—Oxidation of carotene with MnO_2 in the dark or in red light gave retinene in 60% yields, which in soln. showed no traces of carotene spectrophotometrically (detn. of retinene was done by optical d. at 385 mμ). The material must be freshly prepd. for biol. tests since the aq. solns. darken and spoil rapidly. Tested on isolated swine-intestine strips, the purified specimens have high antihistaminic and antiacetylcholine activity at 10^{-6} diln. Activity drops to zero at 10^{-7} diln.
G. M. Kosolapoff

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USSR/Human and Animal Physiology - The Nervous System.

Abs Jour : Ref Zhur Biol., No 3, 1959, 13209

Author : Ryvkina, D.Ye., Kuznetsova, N.Ye.

Inst :

Title : Importance of Histamine in Reflex Reactions of the Organism due to Multiple Pain Stimuli

Orig Pub : Fiziol. zh. SSSR, 1957, 43, No 3, 252-258

Abstract : Rabbits were subjected to pain stimuli (PS) on the skin of the paw for 30 minutes. Altogether, 30 PS were inflicted, and the experiments lasted ~2 months. The first PS caused an elevation in the blood of the sugar and histamine (I) content. These changes were not observed with multiple applications. With preliminary administration of antihistamine preparations (dimedrol and benadryl) the content of I decreased in the blood, and algesic hyperglycemia increased. Repeated PS called forth a persistant,

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKINA, D.Ye.

New data on the problem of histamine. Usp. sovr. biol. 44 no.3: 389-395 N-D '57. (MIRA 11:1)

(LONDON--HISTAMINE--CONGRESSES)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

RYVKINA D.E.

4395. RYVKINA D.E. and KUZNETZOVA N.E. *The effect of histamine in responses to repeated painful stimulation (Russian text) FIZIOL. Ž. 1957, 43/3 (252-258) Graphs 3

Pain produced by electrical skin stimulation in rabbits first increases the histamine concentration in blood, but decreases it after about 15 repetitions within one month. Tachycardia, produced by pain stimulation, can be suppressed by antihistamine. Simonson - Minneapolis, Minn.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

BALAKHOVSKIY, S.D.; RYVKINA, D.Ye.; FEDOROVA, V.N.

Physiological effects of substances obtained by oxidation of carotene; antihistaminic and antiacetylcholinic effect of retinene. Doklady Akad. nauk SSSR 93 no.5:869-870 11 Dec 1953. (CIML 25:5)

1. V. N. Fedorova, deceased. 2. Presented by Academician A. I. Oparin 15 October 1953.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

DROZDOVA, N.N.; PROVOLOVICH, Ye.Ye.; RYVKINA, D.Ye.; BALAKHOVSKIY, S.D.

Antimediatoric activity of oxidized and unoxidized carotene.
Dokl. AN SSSR 112 no.2:294-296 Ja '57. (MLRA 10:4)

1. Predstavleno akademikom A. I. Oparinym.
(Carotene)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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HYALURONIDASE, U.S.S.R.

Effect of certain substances relation to chemistry of neural action and of thiol poisons on the activity of hyaluronidase. Biokhimiia, Moskva 17 no.5:563-569 Sept-Oct 1952. (CLML 25:1)

1. Institute of Animal Morphology imeni A. N. Severtsov of the Academy of Sciences USSR, Moscow.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVKIN, B.A.; RYVKINA, F.Z. (Leningrad)

Statistical recording of myocardial infarct. Terap. arkh. 35 no.5:100-101 My '63 (MIRA 16:12)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

ACC NR: AR6035550 SOURCE CODE: UR/0269/66/000/010/0059/0059

AUTHOR: Ryvkin, B. A.; Ryvkina, F. Z.

TITLE: Effect of solar and geomagnetic disturbances on the cellular composition and the blood prothrombin index

SOURCE: Ref. zh. Astronomiya, Abs. 10.51.427

REF SOURCE: Solnechnyye dannyye, no. 1, 1966, 76-78

TOPIC TAGS: solar activity, solar disturbance, geomagnetic disturbance, cellular composition, blood prothrombin index

ABSTRACT: The observations were carried out in 1962—1964 during minimum solar activity. It was observed that even then, the nonperiodic increases of solar activity exert a considerable biotropic effect on the blood system. As solar activity increases, the number of people affected also increases. This is probably related to the "sensitivity thresholds" which vary with individuals. [Translation of abstract] [DW]

SUB CODE: 03, 07/

Card 1/1 UDC: 523.7:525.235

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RYVKINA, M.

Big delicatessen stores make more profit. Obshchestv.pit. no.9: 34 S '63. (MIRA 16:12)

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

GINGOL'D, A.I.; RYVKINA, S.V.; VLASOV, V.A., professor, zaveduyushchiy.

Multiple progressive ossification of muscles in a twelve year old girl. (MLRA 6:5)
Pediatriia no.2:55-56 Mr-Ap '53.

1. Detskaya klinicheskaya bol'nitsa imeni professora Filatova (for Gingol'd, Ryvkina). 2. Klinika propedevtiki detskikh bolezney pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V. Stalina (for Gingol'd, Vlasov, Ryvkina). (Muscles--Diseases)

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GONCHAROVA, V.I.; ZAV'YALOVA, I.N.; PETROVA, I.A.; ROMANOV, V.V.; RYVKINA, V.B.

Some problems in the hydrology of swamps. Trudy GGI no.60:43-76 '57. (MIRA 10:12)
(Swamps) (Hydrology)

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PROKOF'EV, N.A.; KUDRYASHOVA, A.A.; RYVKINA, Ye.N.

Use of active dyes in resist printing as bottom for insoluble hydroxyazo dyes. Tekst. prom. 25 no.8:63-66 Ag '65. (MIRA 18:9)

1. Direktor Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Prorokov). 2. Nachal'nik opytno-proizvodstvennoy laboratorii Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Kudryashova) 3. Starshiy inzhener-khimik Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Ryvkina).

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RYVKINA-FURMAN, R.M.; METELKIN, D.P., dots., red.; LISINA, V.M., tekhn. red.

[Surgical treatment of chronic osteomyelitis of the tubular bones caused by gunshot or of hematogenic origin] Khirurgicheskoe lechenie khronicheskogo ognestrel'nogo i gematogennogo osteomielita dlinnykh trubchatykh kostei. Novosibirsk, 1960. 278 p. (Novosibirsk. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. Trudy, no.9.) (MIRA 15:6)
(OSTEOMYELITIS) (GUNSHOT WOUNDS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKINA-FUIMAN, R.M. (Novosibirsk, Krasnyy prospekt, d. 51, korpus 4, kv. 34.)

Plastic surgery of bone defects with a pedicle skin and muscle flap from the opposite extremity. Vest. khir. 91 no.11:118-119 N '63. (MIRA 17:12)

1. Iz otdeleniya vosstanovitel'noy khirurgii Novosibirskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (direktor - dotsent D.P.Metelkin).

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RYVKINA - FOORMAN, R.M.

Migrant muscle-skin pedicle flap for residual cavity in plasty of the tibia. Acta chir. plast. (Praha) 6 no.2:114-123 '64

1. Novosibirskiy nauchno-issledovatel'skiy institut travmatologii i ortopedii (U.S.S.R.); Director: Doc. D.P.Metelkin.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

UBIYKO, A.M., inzh.; RYVKIND, A.D., inzh.

High-voltage reversers and contactors with multiple arc-quenching chamber. Elektrotekhnika 35 no.3:48-50 Mr '64. (MIRA 17:5)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Vessels of the sinocarotid reflexogenic zone and their changes in atherosclerosis and hypertension; pathogenesis of "internal carotid artery thrombosis in the neck". Zhur. nevr. i psikh. 64 no.2:172-179 '64. (MIRA 17:5)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

Arterio-venous anastomoses of the small circulation. Final communication. New findings on structural peculiarities of closing arteries and on their functional significance. Arkh. pat., Moskva 14 no.4:80-86 July-Aug 1952. (CLML 23:2)

1. Of the Laboratory of General Pathological Anatomy (Head -- Academician A.I. Abrikosov), Institute of Normal and Pathological Morphology of the Academy of Medical Sciences USSR.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Reorganization of the intrapulmonary vessels related to changes in pulmonary circulation in pneumosclerosis. Arkh.pat. 22 no.5: 41-47 '60. (MIRA 13:9)

(LUNGS--BLOOD SUPPLY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

MIGUNOV, Boris Ivanovich; RIVKIND, A.V., red.; BASHMAKOV, G.M., tekhn. red.

[Pathological anatomy of diseases of the maxillodental system and mouth cavity] Patologicheskaia anatomiia zabolevanii zubocheliustnoi sistemy i polosti rta. Moskva, Medgiz, 1963. 134 p. (MIRA 16:5)

(STOMATOLOGY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva, D-57, Leningradskiy prospekt, 75-a, kv.20)

Histological changes in the arteries during development of collateral. Arkhiv. anat. gist. i embr. 43 no.10:79-83 O '62. (MIRA 17:6)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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ABRIKOSOV, Aleksey Ivanovich (1875-1955), akademik; STRUKOV, A.I., prof., otv. red.; RYVKIND, A.V., prof., red.; SEROV, V.V., dots., red.; ABRIKOSOVA, F.D., kand. med. nauk; KUSEVITSKIY, I.A., red.izd-va; UL'YANOVA, O.G., tekhn. red.

[Allergy and problems of pathology]Allergiia i voprosy patologii. Moskva, Izd-vo Akad. nauk SSSR, 1963. 487 p. (MIRA 16:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Strukov).

(ALLERGY) (PATHOLOGY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva) A-57, Leningradskiy prospekt, 75a, kv.20)

Arteriovenous anastomoses of the skin (glomera) and the tumors resulting from them (glomangiomas). Vop. onk. 8 no.9:52-61 '62. (MIRA 17:6)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof. (Moskva)

Osteoblastoclastoma of local fivrous osteodystorphy; problems in pathological anatomy and pathogenesis. Khirurgiia no.9:89-97 '61. (MIRA 15:5)

(BONES—TUMORS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof. (Moskva)

So-called pleurisy. Klin.med. no.12:130-131 '61. (MIRA 15:9)

(PLEURISY)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V., prof.

Letter to the editor. Arkh.anat.gist. i embr. 33 no.1:104 Ja-Mr '56
(MIRA 12:1)

(BLOOD VESSELS)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

Pathology of closing arteries and of arterlovenous anastomoses. Doklady Akad. nauk SSSR 92 no.1:181-183 1 Sept 1953. (CLML 25:4)

1. Presented by Academician A. I. Abrikosov 27 June 1953.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

"Pulmonary arterial system in cases of congenital heart defects" [in German] by K. Kohn, M. Richter. Reviewed by A.V. Ryvkind. Arkh.anat.gist. i embr. 35 no.6:125-126 N-D '58. (MIRA 12:1)
(LUNGS--BLOOD SUPPLY)
(HEART--ABNORMITIES AND DEFORMITIES)
(KÖHN, K.) (RICHTER, M.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V. (Moskva)

Hyperergic reaction of the organism during roentgenotherapy of malignant tumors; problem of the increased reactivity of the organism during medical treatment. Arkh. pat. 19 no.1:61-66 '57
(MLRA 10:4)

(RADIOTHERAPY, in various diseases,
cancer of nasopharynx, causing hyperergic crisis)
(NASOPHARYNX, neoplasms,
x-ray ther. causing hyperergic crisis)
(ALLERGY, etiology and pathogenesis,
hyperergic crisis causes by x-ray ther. of cancer of nasopharynx)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

24293 RIVKIND, A. V. Ob arterio-venoznykh anastomozakh mologo kruga krovoobrashcheniya. Soobshch. 4. Arteriovenoznyye anastomozy legochnoy i pristenochnoy plevr i plevral'nykh spayek; materialy k gistogenezu zamykayushchikh arteriy. Arkhiv patologii, 1949, VYP. 4, S. 62-69.

SO: Letopis, No. 32, 1949.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

USSR/Medicine - Physiology

Card 1/1 Pub. 22 - 52/53

Authors : Ryvkind, A. V.

Title : [redacted] Arteriovenous anastomosis (of artery closing type) as an adaptation phenomenon

Periodical : Dok. AN SSSR 102/4, 849-851, Jun 1, 1955

Abstract : Data are presented regarding the role of arteriovenous anastomoses in the distribution of the circulating oxygen-rich arterial blood and in maintaining the required oxygen level in venous blood. Three references: 2 USSR and 1 German (1894-1952). Drawings.

Institution : .....

Presented by : Academician A. I. Abrikosov, January 8, 1955

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVKIN, I. F.,
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Prof., L.b. General Pathological Anatomy, Inst. Normal and Pathological Morphology, Dept. Medico-Biol. Sci., Acad. Med. Sci., -1947-49-. "Symptoms of Ulcerous Diseases in Cases of Generalized (Parathyroidal) Osteodystrophia Filbrosa," Klin. Med., 26, No. 6, 1948; "Arteriovenous Anastomosis in a Localized Circulation," Arkhiv Patol., 10, No. 3, 1948; "Arteriovenous Anastomosis of the Pulmonary Circulation: III & IV, ibid., 11, Nos. 2 & 5. 1949;

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.; ABRIKOSOV, A.I., akademik.

Pathology of terminal arteries and arteriovenous anastomoses. Dokl.AN SSSR 92 no.1:181-183 S '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Abrikosov). (Arteries)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVKIND, APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Lungs

Arterie-venous anastomoses of pulmonary circulation; final communication. New findings on the structural peculiarities of closing arteries and on their functional significance. Arkhiv pat. 14 no. 4, 1952.

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

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIND, A.V.

G.E. Koritskii and his "transformation theory" of tumors. Arkh. pat. 22 no. 12:68-72 '60. (MIRA 14:1)
(TUMORS) (KORITSKII, G.E.)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

KRZHYZHANOVSKAYA, I.A.; GOL'DSHMIDT, E.M.; KRIULIN, V.N.; KUKOLEV, L.G.; RYVKIND, N.D.; SHOKOTOVA, B.G.

Properties of the dust of rotary kilns and ways of using it. Trudy IUzhgiprotsementa no.4:40-54 '63. (MIRA 17:11)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

SYRKIN, Ya.M.; GOL'DSHMIDT, E.M.; SHOKOTOVA, B.G.; RYVKIND, N.D.

Properties of dust and ways of using it. TSement 27 no. 2:11-12 Mr-Ap '61. (MIRA 14:5)

(Cement plants) (Salvage (Waste, etc.))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RIVKIND, (A. L.)

Saturation coil calculation.

"Elektrichestvo", No. 8, 1950.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVKIS, I.K.

Blood picture during radiotherapy for malignant tumors of the female genitalia. Vop. onk. 6 no. 9:76-79 S '60. (MIRA 14:1)
(GENERATIVE ORGANS, FEMALE—CANCER) (BLOOD CELLS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

NIKOLAYENKO, Ye.G.; HYVKIS, Ya.M.; ADAMOV, G.G.; KUDRINSKIY, V.M.

Semiautomatic machine (model P84) for coremaking. Lit. proizv. no.11:34-35 N '60. (MIRA 13:12)

(Coremaking)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

NIKOLAYENKO, Ye.G.; BURAKOV, S.L.; RYVKIS, Ya.M.

Foundry pouring machines. Lit.proizv. no.3:12-14 Mr '62.
(MIRA 15:3)

(Foundries--Equipment and supplies)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

S/128/62/000/003/001/007
A004/A127

AUTHORS: Nikolayenko, Ye. G., Burakov, S. L., Ryvkis, Ya. M.

TITLE: Foundry pouring machines

PERIODICAL: Liteynoye proizvodstvo, no.3, 1962, 12 - 14

TEXT: The authors describe a number of pouring machines developed by the Tsentral'noye konstruktorsko-tekhnologicheskoye byuro (Central Designing and Technological Bureau) (TsKTB) of the Odessa Sovnarkhoz, G. A. Yarovinskiy, K. M. Gonchar, G. G. Adamov and V. M. Kudrinskiy participating in the development work. The stationary Л161 М (L161M) single-position pouring machine is remote-controlled from a panel and designed for ladles of 250 and 500 kg holding capacity. For nearly one year it has been in operation at the TsKTB experimental shop for casting plow stands of high-strength cast iron. Taking into account a plow stand weight of 25 kg, the L161M pouring machine has a capacity of 100 castings/hour at a pouring rate of 0.1 to 15.0 kg/sec. The machine overall dimensions are 1,500 x 1,000 x 1,550 mm, it weighs 800 kg without ladle. The authors give a detailed description of the machine design and operation and point out that the machine hydraulic system makes it possible to smoothly regulate the pouring rate and to

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Foundry pouring machines

stop pouring at any moment. Metal overflow and rejects because of pouring short of the top are completely eliminated. The labor productivity of pouring could be increased by a factor of 2. The three-position Л 199 М (L199M) pouring machine is intended for mechanized metal pouring into chills in the big-lot production of castings on automatic lines. This machine has been installed in casting lines at the Odessa Plant im. Oktyabr'skaya revolutsiya for casting high-strength cast iron plow stands, at the Torets and Kiselev Mechanical Engineering Plants for casting mine car wheels and at the Volgogradskiy traktornyy zavod (Volgograd Tractor Plant) for casting supporting rolls. The presence of three positions makes it possible to change the ladles with the metal without interrupting the working cycle of the line. Since the machine frame pivoting direction can be reversed, the liquid metal can be supplied from two sides. The machine is intended for ladles of 250 and 500 kg holding capacity, the angle of rotation of the magazine with the ladle is 90°, the pouring rate can be regulated from 0 - 50 kg/sec; the whole machine has a lifting speed of 60 mm/sec. The L199M machine has a hydraulic drive, the motor power is 4.5 kW. The machine weighs 5,530 kg, it is attended by one worker. The authors present a detailed description of the machine design. There are 5 figures.

Card 2/2

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RYVKIS, Ye.I.

Results of control of diphyllobothriasis in collective fish farms. Med.paraz. i paraz. bol.24 no.3:252-253 Jl-S '55. (MLRA 8:12)

1. Iz Primorskoy sanitarno-epidemiologicheskoy stantsii Kaliningradskoy oblasti.

(TAPEWORMS, INFECTIONS, prevention and control
diphyllobothriasis, in Russia, in fish farms)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

[illegible], Vasil', [illegible]; GAVRIKOV, N.Ya., [illegible]

Automating the pouring of the metal into molds. Lit. proizv. no.7:13-14 (MIRA 13:9)
[illegible].

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

PA 47/49T85

RYVLIA, L. S.

USSR/Medicine - Skin Diseases, Mar/Apr 49
Therapy
Medicine - Electrotherapy

"Dosage and Application of Ultrahigh Frequency for the Treatment of Certain Dermatoses," L. S. Ryvlia, Dermatol Clinic, First Leningrad Med Inst imeni Acad I. P. Pavlov, Lab of Skin Path, Acad Med Sci USSR, 3½ pp

"Vest Venerol i Dermatol" No 2

Ultrahigh frequency has definite therapeutic effect on neurodermatitis and prurigious eczema. Optimum results are obtained at 10 volts for 10 minutes. Tangent exposure of spinal cord [redacted]

47/49T85

USSR/Medicine - Skin Diseases, Mar/Apr 49
(Contd)

10 volts absorptive power is recommended as an effective method. Dir, Lab of Skin Path: O. N. Podvysotskaya, Corr Mem, Acad Sci USSR, Active Mem, Acad Med Sci USSR.

47/49T85

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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BUZUYEV, A., aspirant; RIVLIN, A., mladshiy nauchnyy sotrudnik

Calculating the resistance of icebreakers sailing in small floe ice. Mor. flot 21 no.8:36-38 Ag '61. (MIRA 14:9)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut.
(Ice-breaking vessels) (Ship resistance)

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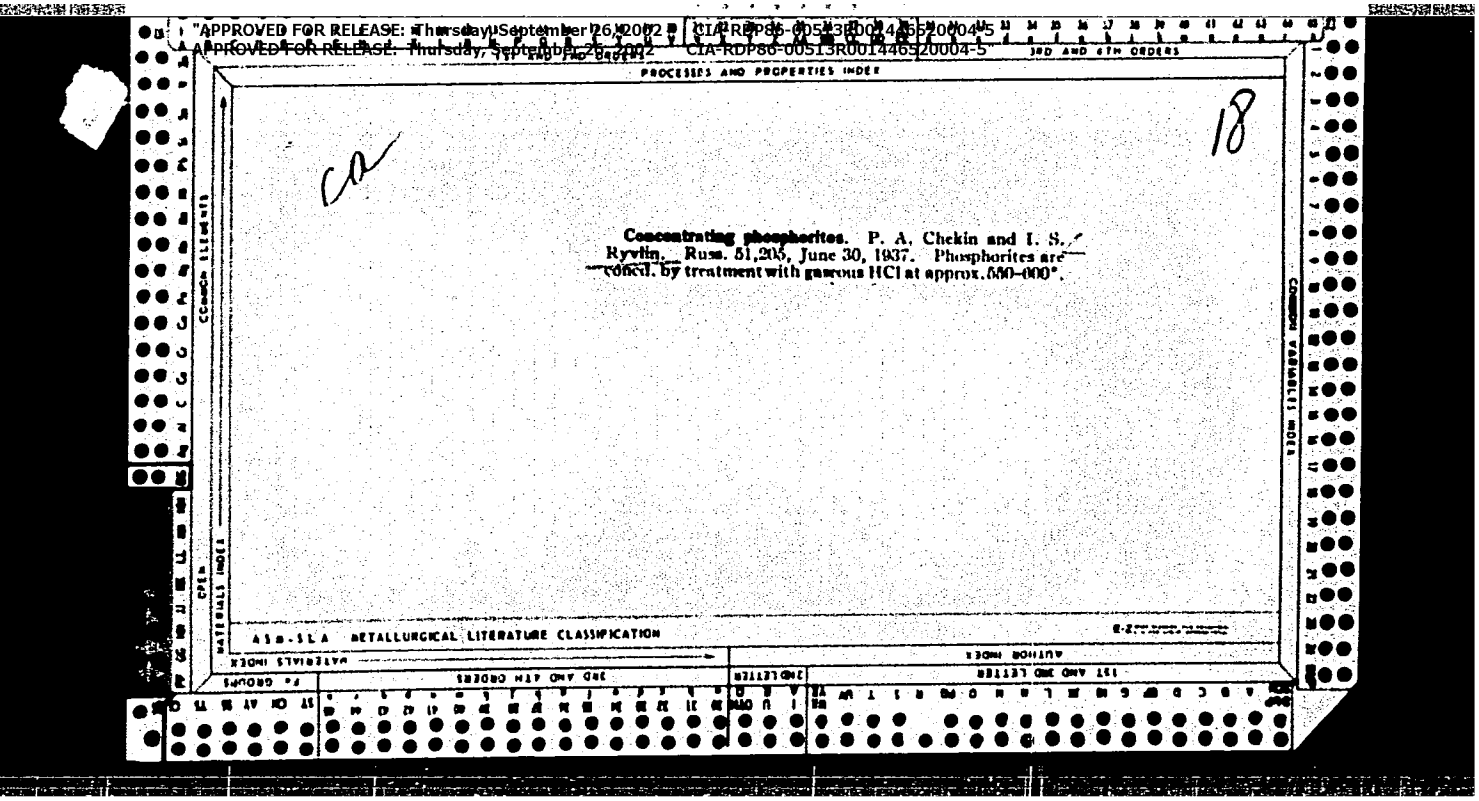

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVLIN, J. B.

The use of forearm tissue on a neurovascular pedicle for reconstruction of the upper extremity in place of high amputation or exarticulation. Acta chir. plast. 3 no.2:137-147 '61.

1. Uritsky Hospital, Leningrad (USSR) Director: Prof. D. A. Shushkov, MD, Cand. Med. Sc.

(TRANSPLANTATION) (ARM surgery)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
RYVLIN, L. S. "APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

Ryvlin, L. S. - "Dosage and application of ultra-high frequency for the treatment of certain dermatoses," Vestnik Venerologii i Dermatologii, 1949, No. 2, p. 29-32, - Bibliog: p.32

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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APPROVED FOR RELEASE: Thursday, September 26, 2002 | CIA-RDP86-00513R001446520004-5"

RYVLIN, N Ya

CA

4

Diaphragm for electrolysis. H. G. Gumanovskii and N. Ya. Ryvlin. Russ. 20,097, Mar. 31, 1931. A diaphragm for electrolysis is prepd. of a pair of glass wool satd. with fused S with the addn. of known powd. fillers, e. g., BaSO$_4$.

ASTIA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5

RYVLIN N. Ya.

The electrolysis of sodium sulfate. N. Ya. Ryvlin and B. G. Ginsburgskaii. *J. Chem. Ind.* (Moscow) 1932, No. 2, 41–8.—An app. for the electrolysis of Na_2SO_4 is described, contg. an acid- and alkali-resisting diaphragm, composed of glass wool 50, powdered S 45, SiO_2 3 and BaS 2% fused together at 200°. If no Cl ion is present, the diaphragm is entirely unaffected during electrolysis. H. M. Leicester

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POPOV, Yu. N., kand.tekhn.nauk; RYVLIN, A. Ya., inzh.

Propulsive unit icebreaker-tug. Sudostroenie 27 no.6:18-19 Je '61. (MIRA 14:6)

(Ice-breaking vessels)
(Tugboats)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

KHOMYAKOV, Ya.M.; GLADYSHEV, P.L.; TSYBULINA, Ye.V.; FATULA, M.I.; RYVLIN, Sh.M.; FEL'DMAN, Kh.I.; PANIN, G.A.; KAGANER, A.I.; GAZETOV, B.M.; GORCHAKOV, I.

Brief information. Sov.med. 28 no.4:145-147 Ap '65. (MIRA 18:6)

1. Fakul'tetskaya khirurgicheskaya klinika Chelyabinskogo meditsinskogo instituta (for Khomyakov, Gladshev). 2. Kafedra gospital'noy terapii Volgogradskogo meditsinskogo instituta (for TSybulina). 3. Khustskaya rayonnaya bol'nitsa Zakarpatskoy oblasti (for Fatula). 4. Pervaya bol'nitsa Orekhovo-Zuyeva (for Ryvlin). 5. Klinika khirurgii detskogo vozrasta Kiyevskogo meditsinskogo instituta (for Fel'dman). 6. Gospital'naya terapevticheskaya klinika i klinika otorinolarirgologicheskikh bolezney Orenburgskogo meditsinskogo instituta (for Panin). 7. Leningradskaya oblastnaya klinicheskaya bol'nitsa (for Kaganer). 8. Khirurgicheskoye otdeleniye TSentral'noy klinicheskoy bol'nitsy imeni Semashko Ministerstva putey soobshcheniya (for Gazetov). 9. Kafedra organizatsii zdravookhraneniya i istorii meditsiny Saratovskogo meditsinskogo instituta (for Gorchakov).

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KIRPICHEV, V.M.; MEVLIN, S.Sh.

Methods for calculating the given production capacity of a petroleum refinery. Khim. i tekh.topl. i masel 10 no.11:32-36 N '65.

(MIRA 19:1)

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YUDOVICH, V.G.; KHLEBORODOV, A.D.; SOLONEVICH, Ye.A.; VEYTS, V.L.; PANOV, F.S.; BELYAYEV, A.N.; ALAD'IN, O.I.; OSIPOV, V.F.; VOROB'YEV, A.I.; PROKOF'YEV, Yu.V.; SOLOV'YEV, Yu.A.; KUZ'MIN, A.V.; ZHIDONIS, V.Yu.; ZOLIN, A.V.; YATSUK, Ye.F. DOBROSLAVSKIY, V.L.; TROFIMOV, Ye.N.; DRYAGIN, Ye.R.; KOROLEV, V.F.; KERIMOV, N.B.; KRAVCHENKO, A.S.; RYVLIN, V.A.; GURCHENKO, A.P.; KRUGLIKOV, T.F.; CHERNYAKOV, F.A.; ARKHIPOV, N.K.

Authors' certificates and patents. Mashinostroenie no.1:101-103 Ja-F '65. (MIRA 18:4)

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RYVLIN, Ya.B., prof. (Leningrad)

Organizational prerequisites for extending surgical services in polyclinics. Sovet. zdravookhr. 5:22-26'63 (MIRA 17:2)

1. Iz Ob"yedinennoy bol'nitsy imeni Uritskogo (glavnyy vrach - kand. med. nauk D.N.Shushkov).

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
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RYVLIN, Ya.B., prof.

Late complication of an amebic abscess of the liver in the postoperative period. Khirurgiia 35 no.3:107-108 Mr '59. (MIRA 12:8)

1. Iz klinicheskogo otdeleniya kafedry operativnoy khirurgii (zav. - prof. Ya.B.Ryvlin) Omskogo gosudarstvennogo meditsinskogo instituta imeni M.I.Kalinina (dir. - prof. I.S.Novitskiy).
(AMEBIASIS, HEPATIC, surg.
postop. compl. (Rus))

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVLIN, Ya.B.

Role of single massive blood transfusion in functional mobilization of arterial collaterals. Khirurgiia, Moskva no. 7:56-59 July 1952. (CLML 23:1)

1. Of the Department of Operative Surgery (Head -- Prof. Ya. B. Ryvlin), Leningrad Medical Stomatological Institute.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446520004-5"

RYVLIN, Ya.B., professor (Leningrad); PSHONIK, A.T., professor (Leningrad)

Cortico-visceral theory of the pathogenesis and therapy of endarteritis. Klin. med. 31 no.11:24-28 N '53. (MLRA 6:12)

1. Iz Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (direktor - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor D.A.Biryukov) i kafedry operativnoy khirurgii Leningradskogo stomatologicheskogo instituta (direktor - professor R.I.Gavrilov).

(Arteries--Diseases) (Cerebral cortex)

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RYVLIN, Ya.B., prof.; KOLODNER. I.B., dots.; LEVIN, O.A., prof., polkovnik med. sluzhby [deceased]; KUPRIYANOV, P.A., general-leytenant med. sluzhby, red.; KOLESNIKOV, I.S., polkovnik med. sluzhby, prof., red.; RUKHIMOVICH,G.S., ved. red.; SHEVCHENKO, F.Ya., tekhn. red.; SHCHADENKO, A.S., tekhn. red.

[Atlas of gunshot wounds] Atlas ognestrel'nykh ranenii. Pod red. P.A.Kuprianova, I.S.Kolesnikova. Leningrad, Medgiz. Vol.6. [Gunshot wounds of the extremities; wounds of the shoulder, forearm, hip, and leg] Ognestrel'nye raneniia konechnostei; raneniia plecha, predplech'ia, bedra i goleni. 1954. 215 p. Vol.9. [Anaerobic infections following gunshot wounds] Anaerobnaia infektsiia posle ognestrel'nykh ranenii. 1953. 259 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.)Glavnoye voyenno-meditsinskoye upravleniye Vooruzhennykh Sil. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov).
(EXTREMITIES (ANATOMY))--WOUNDS AND INJURIES)
(GUNSHOT WOUNDS) (GAS GANGRENE)

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S/194/62/000/005/132/157
D271/D308

9.9822

AUTHOR: Ryvola, R.

TITLE: Study of the influence of meteorological factors on the propagation of meter waves far beyond the optical range

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-7-72 d (Sb. prací Výzkumn. ústavu spojů, 1959, Prague, 1960, 251-260)

TEXT: The dependence of field strength on the refraction factor of the troposphere is studied by the method of correlational analysis, in Czechoslovakian climatic conditions. An experimental link on 88.2 Mc/s, 386 km long, between Smrčiny and Praded was observed during one year. Collected data allow to establish to what extent results obtained abroad, in different climatic conditions, can be applied in Czechoslovakia. Measurements of the refraction factor were performed at a point 205 km from the town Smrčiny, at the heights of 370, 1000, 1500, 2000 and 3000 km. Signals were received and the field strength was measured in Praded, at relative altitudes of

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CZECHOSLOVAKIA

RYVOLOVA, A.

Polarographic Institute of the Czechoslovak Academy of Sciences, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 8, 1963, pp 1985-1991

"On the Mechanism of Polarographic Reduction of Phthalic Acid-Diester in Alkaline Environment."

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Polarography of unsaturated diketones of the type RCOCH-CHCOR. Anna Ryvolová (Polarograf. ústav ČSAV, Prague). *Chem. listy* 50, 1918-24(1956).—In buffered [illegible] aliphatic-aromatic, with the conjugated system —

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graphically.

RYVOLOVA, ANNA

Polarographic and oscillographic distinction between esters of phthalic acids. Anna Ryvolová. (Polarograf. ústav CSAV, Prague). *Chem. listy* 51, 1201-2(1957).—In the Britton-Robinson buffer soln. of pH 8-10, it was possible to det. polarographically and oscillopolarographically dimethyl phthalate in the presence of dimethyl terephthalate (I) and dimethyl isophthalate (II), and to det. II in the presence of trimethyl trimesate. The corresponding waves are of diffusive nature and directly proportional to the concn. of the depolarizers. Monoesters of phthalic acid give a reduction wave suitable for their detn. in a soln. of pH 2-3. Monomethyl terephthalate and I may be distinguished at pH 10. Distinction between all esters mentioned was possible by oscillographic polarography ($dE/dt = E$) in a soln. of pH 10. F. Strafelda

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Polarographic behavior of phthalic acid and some of its esters. A. Ryvolová and V. Hanuš. *Collection Czech. Chem. Communs.* 21, 853-61(1956)(in German).—See *C.A.* 50, 4675f. E. J. G.

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RYVOLOVA, A.

On the mechanism of the polarographic reduction of pthalic acid-diester in alkaline medium. Coll Cz Chem 28 no.8:1985-1992 Ag '63.

1. Polarographisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

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RYVOLOVA, A. ; HANUS, V.

RYVOLOVA, A.; HANUS, V. Polarographic behavior of phthalic acid and some of its esters. p. 46. Vol. 50, no.1, Jan. 1956. CHEMICKE LISTY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

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RYVOLOVA, A.

"Polarographic and oscillographic distinction between esters of phthalic acid."

p. 1201 (Chemicke Listy, Vol. 51, no. 6, June 1957, Praha, Czechoslovakia.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6 June 1958

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RIVOLOVA, A.

"Polarography of unsaturated diketones of the R. CO. CH=CH. CO. R type. In German."

p.1114 (Sbornik Chekhoslovatskikh Khimicheskikh Rabot, Vol. 22, no. 4, Aug. 1957, Praha, Czechoslavakia)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 8, August 1958

RYVOLOVA
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L 1807. Polarography of unsaturated diketones of the type R·CO·CH:CH·CO·R. A. Ryvolová (Polarographic Inst., Acad. Sci., Prague, Czechoslovakia). *Chem. Listy*, 1956, 50 (12), 1918–1924.—The ethylenic bond of aliphatic compounds containing the conjugated system –CO·CH:CH·CO–, when polarographically reduced, yields, in buffered soln., one wave, the half-wave potential of which does not depend on the length of the aliphatic chain. When this chain is substituted by a benzene ring, the half-wave potential is shifted to more positive values. When irradiated, the *trans* form of the investigated compounds is converted to the *cis* form. By using polarographic and oscillographic methods, the differentiation of both isomers is possible.

I. ZÝKA.

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RYVOLOVA, ANNA

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V Polarographic behavior of phthalic acid and some of its esters. Anna Ryvolová and Vladimír Hanuš (Čsl. akad. věd., Prague). *Chem. Listy* 50, 46–63(1956).—The polarographic reduction of phthalic acid on the dropping Hg electrode in buffered solns. was accompanied by 3 waves, the reduction of corresponding monoesters by 2, and that of some diesters by 1 wave. The appearance and the height of the waves depended on the pH value of the soln. The interpretation of these waves was based on the assumption of various recombination possibilities, according to which the 1st of the waves was produced by the reduction of phthalic acid in the form of a cation, the 2nd one by the reduction of the undissocd. mol., whereas the last one was the wave of the univalent anion. The rate consts. of recombination and dissocn. were computed. F. Štráfelda