

43059

H/018/62/000/001/001/001
I067/I267

271220

AUTHORS: Cserháti István, Krizsa Ferenc, Sövényi Ervic, Rák
Kulman (Doctors)

TITLE: The influence of X-ray irradiation on the function of
the ultraviolet thrombopoetic serum-factor and the
efficiency of this factor on mice

PERIODICAL: Kísérletes Orvostudomány, no.1, 1962, 86-90

TEXT: The aim of this work was to obtain better knowledge of
the role of the human thrombopoetic serum-factor by means of U.V.
thrombocytosis in mice. It was found that a humoral factor is res-
ponsible for the thrombocytosis caused by U.V. irradiation. The
influence of a dose of 300 r X-ray irradiation on the whole U.V.
thrombopoetic serum-factor and on its formation was examined in
detail. The action of the U.V. thrombopoetic serum-factor on the
number of thrombocytes in the recipient mice after X-ray treatment
was also investigated. On the basis of these results it seems
probable that the formation site of the factor responsible for

Card 1/2

The influence of X-ray irradiation ... H/018/62/000/001/001/001
1067/1267

thrombocytosis is located in the bone marrow or in the hematopoietic tissues, which are sensitive to X-ray irradiation. The factor - in vitro - shows sensitivity towards irradiation. It is highly probable that the action of the thrombopoietic factor is directed against the megakaryocyte system of the bone marrow.

ASSOCIATION: Internal and Röntgen Clinics of the University
Hospital, Szeged)
Szegedi Orvostudományi Egyetem I. sz. Belklinika és
Röntgenklinikája

SUBMITTED: May 14, 1961

Card 2/2

RAK, Kalman, dr.; KRIZSA, Frerenc, dr.; SOVENYI, Ervin, dr.; CSERHATI, Istvan, dr.

Effect of ultraviolet therapy on the survival of roentgen-irradiated mice. Magy radiol. 14 no.1:48-51 Ja '62.

1. Szegedi Orvostudományi Egyetem I Belklinikájának (igazgató: Julesz Miklos dr. egyet. tanár) és Röntgen Klinikájának (igazgató: Szénes Tibor dr. egyet. tanár) közleménye.

(RADIATION INJURY exper) (ULTRAVIOLET RAYS)

CSEHNATI, Istvan; KALZSA, Ferenc; SOVENYI, Ervin; RAK, Kalman

Effect of roentgen irradiation on the appearance of a ultraviolet thrombopoietic serum factor and on the effectiveness of this factor in mouse experiments. Kiserl. orvostud. 14 no.1:86-90 Mr '62.

1. Szegedi Orvostudományi Egyetem I. sz. Beliklinikája és Röntgenklinikája.

(ULTRAVIOLET RAYS)	(RADIATION INJURY blood)
(ERYTHROCYTES radiation eff)	(HEMATOPOIETIC SYSTEM radiation eff)

RAK, Kalman; KRIZSA, Ferenc; CSERHATI, Istvan

Thrombocytosis-producing effect of sera from splenectomized and roentgen-irradiated mice in intact mice. Kiserl. orvostud. 14 no.2:212-216 Ap '62.

1. Szegedi Orvostudományi Egyetem I sz. Belklinika.

(BLOOD PLATELETS) (SPLEEN physiol)
(RADIATION INJURY blood)

HUNGARY

RAK, Kalman, CSERHATI, Istvan, KRIZSA, Ferenc; 1st Clinic of Internal Medicine (I. sz. Belklinika) of the Medical University (Orvostudományi Egyetem) of Budapest.

"The Role of the Spleen in the Development of Mouse Thrombocytosis Caused by Ultraviolet Radiation."

Budapest, Kisgyógyászati Orvostudomány, Vol. 15, No. 1, Feb 62, pp 61-64.

Abstract: [Authors' Hungarian summary] The presence of the spleen is required for the development of mouse thrombocytosis caused by UV radiation. The role of the spleen is not so much in the formation but rather in the activity of the UV factor. During the days following the UV radiation, the megakaryocytes of the spleen increase in number but this reaction subsides by the time that the peripheral thrombocytosis reaches its maximum. The thrombopoietic role of the spleen plays a presumably important role, in a specific manner, in the development of UV-induced thrombocytosis. Of 11 references, 6 are Hungarian, the rest 5 Western or Japanese.

1/1

HUNGARY

RAK, Kalman, Dr, KRIZSA, Ferenc, Dr, SOVENYI, Ervin, Dr, CSERHATI, Istvan, Dr; Medical University of Szeged, I. Medical Clinic (Szegedi Orvostudományi Egyetem, I. Belklinika) (Director: JULESZ, Miklos, Dr, professor) and X-Ray Clinic (Röntgenklinika) (Director: SZENES, Tibor, Dr, professor).

"The Effect of Pre-Radiation Treatment with Human Serum Having Thrombopoietic Activity, on the Survival Rate of X-Ray Irradiated Mice."

Budapest, Magyar Radiologia, Vol XV, No 2, Apr 63, pages 98-101.

Abstract: [Authors' English summary modified] After administration of a single dose of 550 r, longer survival was observed in mice which received thrombopoietic human serum before irradiation. The 95 per cent death rate of the controls which received normal serum showed a reduction to 68 per cent while the length of survival was also increased. The mean of the thrombocyte values determined at various intervals was twice as high in the treated as in the control animals. 5 Hungarian, 3 Western references.

1/1

SUMMARY

LENGYEL, Jozse, dr. RAK, Kalman, dr. CSERHATI, Istvan, dr. BOLDI, Ferenc, dr. BOLDI, Istvan, dr. Institute for Graduate Medical Education of Budapest (Budapesti Orvostudományi Intézet, and Medical University of Budapest, I. Medical Clinic (Szegedi Orvostudományi Egyetem, I. Belklinikai))

"Demonstration of a Thrombocytosis-Inducing Serum Component -- before acute Thrombocyte Elevation of Various Etiology -- in Mice and Men."

Abstract, Orvosi Hetilap, Vol 104, No 10, 10 May 1963, pages 447-451.

Abstract. [Authors' Hungarian summary] Experiments have demonstrated a thrombocytosis-inducing activity in the serum of mice and men before an acute increase of the thrombocyte number. This activity was found in mice after five different procedures which resulted in acute thrombocytosis and in men having acute thrombocytosis of four different etiologies. The proposal seems justified that this thrombocytosis-inducing plasma component plays a role in the development of the physiologically thrombocytosis and in the acute transient thrombocytosis of various etiologies. 15 abstracts, 6 references, 10 pages, 1963.

RAK, Kalman, dr.; VARGA, László, dr.; KRIZSA, Ferenc, dr.;
CSERHATI, Istvan, dr.

The effect of normal serum protein fractions on the thrombocyte count in mice. Orv. hetil. 104 no.27:1264-1266 J1 7 '63.

1. Szegedi Orvostudományi Egyetem, I és II Belklinika.
(SERUM ALBUMIN) (SERUM GLOBULIN) (BLOOD PLATELETS)

BENEK, S.; LASZLO, L. Magyar Képzési, Kísérleti, Kísérleti

Study of fetal (alkali-fast) hemoglobin in diseases of the
hepatopoietic system in adult age. Orv. hetil. 106 no.9:
401-404 28 F 1965

1. Szegedi Orvostudományi Egyetem, I. Belklinika (igazgató:
Kukor, Ferenc, dr.)

b

L 37929-66

ACC NR: AP6028499

SOURCE CODE: HU/0018/65/017/006/0662/0665

AUTHOR: Rak, Kalman; Varga, Laszlo; Krizsa, Ferenc--Krizha, F.; Cserhati, Istvan ²²
Cherkhati, I.

ORG: I. and II. Medical Clinics, Medical University of Szeged (Szegedi Orvostudományi Egyetem, I. és II. sz. Belklinika)

TITLE: Effect of human serum protein fractions, separated with Rivanol, on the circulating thrombocyte count of mice ²²

SOURCE: Kiserletes orvostudomány, v. 17, no. 6, 1965, 662-665

TOPIC TAGS: mouse, protein, blood circulation erythropoiesis, hematology, circulatory system disease, blood serum

ABSTRACT: Obtained by agar gel diffusion and separation with Rivanol, the fractions of three patient sera with thrombopoietic activity and two normal sera have been studied with regard to their effect on the circulating thrombocyte count in mice. According to the literature and our own exploratory data, the supernatant liquid obtained by Rivanol separation contained only one immune electrophoretically homogeneous β globulin, transferrin, in addition to gamma globulin. The whole serum of the patients, the β globulins as well as the Rivanol-supernatant liquids and the majority of the β globulins were moderately or pronouncedly positive in the mouse test, that is, they enhanced thrombocytosis. This can be considered a renewed indication of a relationship between the humoral regulation of erythropoiesis and thrombocytopenia. Orig. art. has: 1 table. [JPRS: 34,161]

SUB CODE: 06, 07 / SUBM DATE: 17Feb65 / ORIG REF: 003 / OTH REF: 008

Cord 1/1 *mm*

Hematology

HUNGARY

KRIZSA, Ferenc, DOBO, Maria, ZSILINSZKY, Eleonora; Medical University of Szeged, I. Medical Clinic (Szegedi Orvostudományi Egyetem, I. sz. Belgyógyászati Klinika).

"Method for the Counting of Megakaryocytes in the Bone Marrow of Mice."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 5, Oct 66, pages 542-546.

Abstract: [Authors' Hungarian summary] The experimental studies of thrombocytopoiesis were lacking in a method suitable for the quantitative determination of bone-marrow megakaryocytes in mice. The few methods described in the literature were found unsuitable in mice experiments. A method is described which, according to the experiences gained so far, provides satisfactory information concerning the megakaryocyte content of the mouse femur and the results obtained are reproducible. The results are reported in terms of a so-called megakaryocyte index. The method appears to be suited to provide information about changes in the megakaryocyte stock of the bone marrow in case of changes in the thrombocyte count effected or developed by various means. 1 Hungarian, 3 Western references. [Manuscript received 22 Nov 65.]

1/1

HUNGARY

KRIZSA, Ferenc, CSERHATI, Istvan, RAK, Kalman; Medical University of Szeged, I. Medical Clinic (Szegedi Orvostudományi Egyetem, I. sz. Belklinika).

"Study of Mouse-Thrombocytosis in Response to Ultraviolet Irradiation."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 90-93.

Abstract: [Authors' Hungarian summary] Following UV irradiation, thrombocytosis of several days' duration develops in mice. An increase in the number of megakaryocytes in the spleen may be responsible for the increase in the number of thrombocytes in the circulation; the number of lienal megakaryocytes is significantly elevated on the 2nd and 3rd days after the treatment. The number of giant cells in the bone marrow remains unchanged. In the post-hemorrhagic thrombocytosis of mice, the megakaryocytes of the bone marrow are also increased in number. It is probable that the thrombocytoses developed in response to different influences are based on different mechanisms. 6 Hungarian, 8 Western references. [Manuscript received 17 Mar 66.]

1/1

TISZAI, Aladar, dr.; KRIZSNYA, Ferenc, dr.; RAK, Kalman, dr.

Observations in acute erythromyelosis. Orv. hetil. 106 no. 51:
2415-2418 19 D ' 65.

1. Makoí Városi Tanács Kórház, Belgyógyászati Osztály, Mako,
és OTE I. Belgyógyászati Klinika, Szeged.

MIKULIK, Ivan, velitel letadea IL-18; VARTIK, Eduard, velitel letadea IL-18;
STRAZNIK, Roman, starsi navigator; KRJUKOV, Alexandr, pilot-instruktor

Analysis of flights. Letecky obzor 6 no.4:98-102 Ap '62.

KRKAVEC, Frantisek

Salix daphnoides Vill. in the western part of Silesia. Prir cas
slesky 22 no.4:465-473 '61.

KRKAVEC, Frantisek

Some interesting willows in Poland. Prir cas slesky 22 no.4:
541-542 '61.

KILIAN, Zdenek; KRKAVEC, Frantisek

Second contribution to the knowledge of the flora of ore
slopes in Ostrava area. Prir cas slezsky 23 no.1:45-50 '62.

KRKAVEC, Frantisek

"Atlas of forest insects" by Jan Louzil. Reviewed by Frantisek
Krkavec. Prir cas slezsky 23 no.2:288 '62.

KRKAVEC, Frantisek

"Atlas of main soil types in the Czechoslovak Socialist Republic" by Josef Pelisek. Reviewed by Frantisek Krkavec.
Prir cas slezsky 23 no.2:288 '62.

KILIAN, Zdenek; KRKAVEC, Frantisek

Contribution to the knowledge of flora of Frydek area. Prid
cas slezsky 23 no.3:325-340 '62.

KRKAVEC, Frantisek

"Agricultural phytopathology" by J. Benada, J. Spacek and others.
Vol.3: "Plant diseases." Reviewed by Frantisek Krkavec. Prid cas
slezsky 23 no.3:340 '62.

KRKAVEC, Frantisek

"Alpine vegetation of the Riesengebirge Mountains, the Kralicky
Sneznik Mountain and the Hruby Jesenik Mountains" by Jan Jenik.
Reviewed by Frantisek Krkavec. Prid cas slezaky 23 no.3:380-381
'62.

KRKAVEC, Frantisek

"Protected plants II" by Jaroslav Vesely. Reviewed by Frantisek
Krkavec. Prid cas slezsky 23 no.3:381-382 '62.

KRKAVEC, Frantisek

"Plants of higher order (Tracheophyta)" by F.A. Novak. Reviewed
by Frantisek Krkavec. Prid cas slesky 23 no.3:383 '62.

KRKHNAVY, A., student (Chekhoslovakiya)

Diagnostic and prognostic role of the determination of argyrophil substances in the urine. Vrach.delo no.6:603-605 Je '57. (MLRA 10:8)

1. Gospital'naya terapevticheskaya klinika (zav. - zasl. deyatel' nauki prof. M.A.Yasinovskiy) lechebnogo fakul'teta Odesskogo meditsinskogo instituta

(URINE--ANALYSIS AND PATHOLOGY)

(SILVER--PHYSIOLOGICAL EFFECT)

KRKOSKA, Pavol, inz.; GULA, Tibor, inz.; KOŠIK, Martin, inz. |

Addition of hemicelluloses in hot pulp refining. Papir
a celuloza 18 no.12;239-240 D '63.

1. Katedra chemickej technologic dreva a chemickych vlaken,
Slovenska vysoka skola technicka, Bratislava.

KRKOVIC, A.

BUJAS, A.; PETZ, B.; KRKOVIC, A. "Electric Activity of the Brain During Prolonged Mental Work." p. 125. (Arhiv Za Higijenu Rada. Vol. 4, no. 2, 1953, Zagreb.)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, Feb. 1954, Uncl.

BUJAS, Z.; PETZ, B.; KRKOVIC, A.; SOROKIN, B.

Factor analysis of intellectual work during and without fatigue.
Arh hig rada 11 no.3:203-220 '60.

1. Institut za medicinska istrazivanja i medicinu rada, Zagreb.

(FATIGUE) (INTELLIGENCE TESTS)

KRKOVIC, M.

The first Yugoslav aluminum motor trains. Medun transp 8
no.6:426-427 Je '62.

The separation of calcium and magnesium from ferric
ions in the presence of phosphates

KKLEZA, F.

6

Formation of silver, zinc, and aluminum hydrides in alkaline medium obtained by hydrolysis of nitrate. P. Kikula and D. Leck (Gruz. Zashch. Yuzh. Zashch. 1969, No. 25, 125-126 (1969) English summary). The technique by Wilbur (C.M. 43, 612) for obtaining hydrides to ppt. the salts of AgNO_3 , $\text{Zn(NO}_3)_2$, and $\text{Al(NO}_3)_3$ in an aqueous medium at 60°C , which contained more or less than 0.001 to 0.1M, by keeping the nitrate of the metal in contact with the solution for 1-2 hrs. The nature of the hydrides formed were doubtful, cyndalometrical. In the present work, first heated for 2-6 hrs, and then heated with the nitrate the results are very different from those obtained when the nitrates are heated from the beginning with the metal solution. This is explained by the great difference of the concentration of from 0.01 to 0.1, with respect to time and concentration. The nitrate contents were varied from $5 \times 10^{-4}\text{M}$ to $1 \times 10^{-2}\text{M}$, with hydrolysis formation setting in at a point of $1 \times 10^{-4}\text{M}$ for all of them.

Werner J. J. J.

HA
MET
①

KRISTAL, P.

"Development of the teaching of chemistry in Croatian Gymnasiums."
Arhiv Za Kemiju, Zagreb, Vol 25, No 3, Dec 1953, p. 163

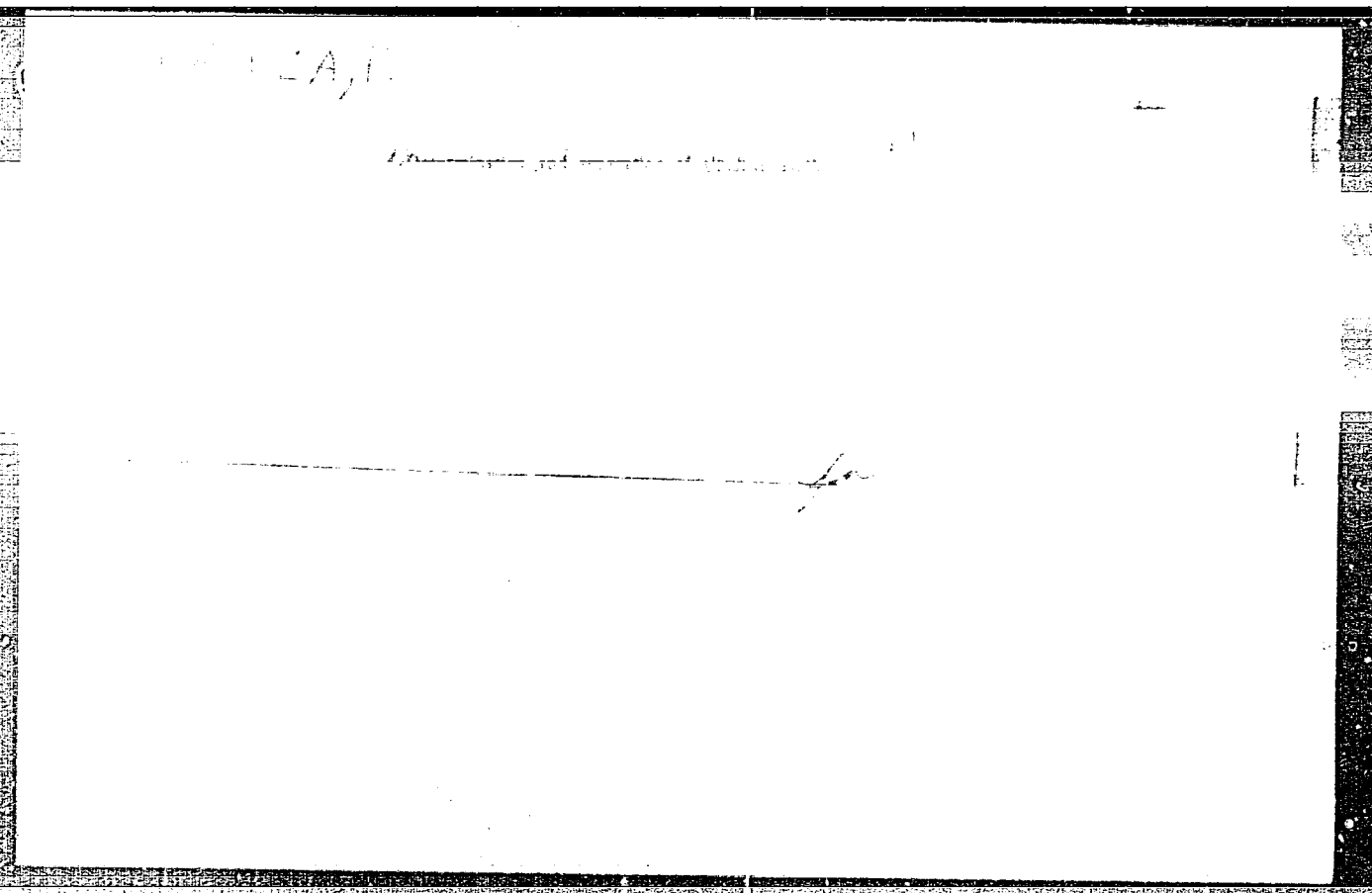
SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826620001-6

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826620001-6"



KULEZA, F. AND OTHERS.

Separation of cations of the ammonia group from cations of the ammonium carbonate group and of magnesium from the homogenous systems. p. 37.

BILTEN DOKUMENTACIJE. TEHNIKA SAOBRAĆAJNIH SREDSTAVA. (Društvo hemičara i tehnologa NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol. 7, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

KRLJAZA, F.; DUKIC, V.

Photonephelometric determination of the interacting flocculation effect in the nascent sols of iron hydroxide and silicic acid. Glasnik hemikara 12:5-16 '63.

1. Laboratory of Analytic Chemistry, Chemical Institute, University of Sarajevo.

KRLEZA, F.

Separation of cations of the third analytic group from nickel, cobalt, manganese and zinc in the presence of phosphates and without phosphates by carbamide method. Croat chem acta 35 no.4:275-280 '63.

1. Laboratory of Analytical Chemistry, Faculty of Science, University of Sarajevo.

KRLEZA, Franjo, TRAMSEK, N.; AGIC, S.

Determining flocculation values of some bivalent anions for the positive prepared and nascent sol of iron oxyhydrate. Glasnik hemicara BiH 11:59-66'62.

1. Laboratorij za analiticku hemiju, Hemijski institut, Univerzitet u Sarajevu.
2. Membre du Comite de redaction, "Glasnik Drustva hemicara i tehnologa SR Bosne i Hercegovine" (for Krleza).

KRLIN, Ladislav

Solution of the electron beam state at a perturbation of the axially symmetrical field of an accelerator. Ces cas fys 13 no.6:449-462 '63.

1. Ustav vakuove elektroniky, Ceskoslovenska akademie ved, Praha.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Food Industry.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69094.

Author : Krljcar E.

Inst : Not given.

Title : Quantitative Determination of the Traces of Mer-
cury, Lead and Arsenic in Meat Boullions.

Orig Pub: Prumysl potraviny, 1958, 9, No 3, 162-163.

Abstract: Mineralization methods and colorimetric determin-
ations of Hg, Pb and As in boullion cubes and
other products have been modified.

Card 1/1

KRMASEK, L

"Economizing in feeding with green spring fodder." (p. 360).
ZA SOCIALISTICKE ZEMEDELSTVI (Ministerstvo zemedelstvi a Ceskoslovenska akademie
zemedelskychved) Praha, Vol 4, No 4, Apr 1954

SO: East European Accessions List, Vol 2, No 8, Aug 1954.

KRMENCIK, F.

Preparing carefully for Forest Month. p. 1.
LES, Bratislava, Vol. 1, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

KRMENCIK, F.

Increase production in affiliated industries. p. 1. LES. Bratislava.
Vol. 1, no. 5, May 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

CZECHOSLOVAKIA

KIMELOVA, V., RADA, K.

Department of Pharmacognosy, Faculty of Pharmacy, Comenius University
(Katedra farmakognosie farmaceuticke fakulty University Komenskeho),
Bratislava - (for both).

Bratislava, Farmaceuticky obzor, No 8-9, September/October 1965,
pp 348-353

"Amount of lanatoside C in dried digitalis lanata Ehrh. leaves at various
temperatures."

KRMIONICEK, V

403. HEAT TRANSFER OF SURFACE HEAT EXCHANGER FROM STEAM TO WATER UNDER CHANGED CONDITIONS OF OPERATION. Krmonicek, V. (Strojnický Obsor, 1950, vol. 30, 49-57; abstr. in Chem. Abstr., 1951, vol. 45, 912). The operation method of calculation of the temperature behind the heat exchange for changing starting temperature behind the heat exchange for changing starting temperatures of the steam. A method of calculation of the condenser steam pressure for changing temperature and volume of the inflowing cooling water and also for changing quantities of the condensed steam is described.

C.A.

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

KRMOROV, Yu. I., inzh.; SEMEMYAK, Yu. A., inzh.

Possibilities for using high-frequency electric motors on livestock farms. Mekh. i elek. sots. sel'khoz. 19 no.3:46-48 '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.

(Electricity in agriculture)
(Stock and stockbreeding)

MANVELYAN, M.G.; KRMOYAN, T.V.; YEGANYAN, A.G.; KOCHARYAN, A.M.

Electric conductivity of concentrated sodium and potassium hydroxide solutions, their carbonates, and NaOH--KOH mixtures at 25°C.

Izv. AN Arm. SSR. Ser. FNET nauk 8 no.4:73-79 J1-Ag '55. (MIRA 9:2)

1.Khimicheskiy institut AN Armyanskoy SSR.

(Sodium hydroxide--Electric properties) (Potassium hydroxide--Electric properties)

KRMoyan, T.V.

USSR/Physical Chemistry - Solutions.
Theory of Acids and Bases

B-11

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3913

Author : Manvelyan M.G., Krmoyan T.V., Yeganyan A.G., Kocharyan A.M.

Inst : Academy of Sciences Armenian SSR

Title : Effect of Temperature on Conductance of Concentrated Solutions of Hydroxides and Carbonates of Sodium and Potassium.

Orig Pub : Izv. AN ARmSSR, ser. fiz.-matem., yestestv. i tekhn. n., 1956, 9, No 2, 3-12.

Abstract : The specific electric conductivity of concentrated solutions of hydroxides and carbonates of sodium and potassium were determined within the temperature interval of 25-85°. At high temperatures rate of movement of Na⁺ and K⁺ ions in concentrated solutions of NaOH and KOH is about the same, which the authors explain on the basis

Card 1/2

- 171 -

КРМОЯН, Т.В.
MANVELYAN, M.G.; KRMOYAN, T.V.; YEGANYAN, A.G.

Electric conductivity of sodium silicate solution, Izv. AN Arm.
Ser. khim. nauk 10 no.4:225-236 '57. (MIRA 10:12)

1. Khimicheskiy institut AN ArmSSR.
(Sodium silicates--Electric properties)

KRMOYAN, T. V.

MANVELYAN, M.G.; KRMOYAN, T.V.; SHAGINYAN, I.G.

The study of electroconductivity of sodium aluminate solutions.
Izv. AN Arm. SSR. Ser. khim. nauk v.10 no.5:305-313 '57. (MIRA 11:1)

1. Khimicheskiy institut AN ArmSSR,
(Conductometric analysis) (Sodium aluminates--Electric properties)

KRMOYAN, T.V.; MIKAYELYAN, G.I.

Adsorption properties of calcium monosilicate. Izv. AN Arm.
SSR. Khim. nauki 11 no.5:307-316 '58. (MIRA 12:1)

1. Nauchno-issledovatel'skiy institut khimii Sovnarkhoza ArmSSR.
(Calcium silicates) (Adsorption)

KRMOYAN, T.V.; MIKAYELYAN, G.I.

Adsorption properties of calcium monosilicate. Trudy Inst.khim.
AN Azerb.SSR 17:27-37 '59. (MIRA 13:4)

1. Institut khimii AN ArmSSR.
(Calcium monsilicate) (Adsorbents)

KRMOYAN, T. V.

JUN 25 1963

SOV/6195

50

PHASE I BOOK EXPLOITATION

Nauchnaya konferentsiya institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR. Yerevan, 1957.

Materialy nauchnoy konferentsii institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR (Materials of the Scientific Conference of the Chemical Institutes of the Academies of Sciences of the Azerbaydzhian, Armenian, and Georgian SSR) Yerevan, Izd-vo AN Armyanskoy SSR, 1962. 396 p. 1100 copies printed.

Sponsoring Agency: Akademiya nauk Armyanskoy SSR. Institut organicheskoy khimii.

Resp. Ed.: L. Ye. Ter-Minasyan; Ed. of Publishing House: A. G. Slikuni; Tech. Ed.: G. S. Sarkisyan.

PURPOSE: This book is intended for chemists and chemical engineers, and may be useful to graduate students engaged in chemical research.

Card 1/11

Materials of the Scientific Conference (Cont.)

SOV/6195

COVERAGE: The book contains the results of research in physical, inorganic, organic, and analytical chemistry, and in chemical engineering, presented at the Scientific Conference held in Yerevan, 20 through 23 November 1957. Three reports of particular interest are reviewed below. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

PHYSICAL CHEMISTRY

Tsitsishvili, G. V., and Ye. D. Rosebashvili. Use of the Magnetic Method in Studying Some Complex Cobalt Compounds 5

Nanobashvili, Ye. M., and L. V. Ivanitskaya. The Effect of γ -Radiation on Colloidal Solutions of Gallium, Indium, and Thallium Sulfide 23

Zulfugarov, Z. G., Y. Ye. Smirnova and S. G. Muradova. The Effect of the Conditions of Synthesis and Formation on the Card 2/11

Materials of the Scientific Conference (Cont.)	SOV/6195
Activity and Structure of Cracking Catalysts	35
Melkonyan, L. G., and A. M. Zarafyan. Dependence of the Speed of Propagation of Ultrasound on the Structure of Molecules of Organic Liquids and on Their Physical Constants	48
Krmoyan, T. V. Study of the Electroconductivity of Concentrated Alkali Solutions	62
Mamedov, Kh. S. The Crystal Chemistry of Monosilicates	82
GENERAL AND INORGANIC CHEMISTRY	
Shishniashvili, M. Ye., and A. I. Avsarkisova. Enriched Askanite Gel and Its Possible Application	90
Miskarli, A. K. New Protective Colloids for Stabilizing Clay Systems	98
Card 3/11	

L 10585-63

MTS

ACCESSION NR: AP3001454

S/0171/63/016/002/0097/0116

AUTHOR: Krmoyan, T. V.; Pogosyan, R. K.

45

TITLE: Investigation of the mechanism of retarding water-evaporation with a monolayer of 1-hexadecanol

SOURCE: AN ArmSSR. Izv. Khimicheskoye nauki, v. 16, no. 2, 1963, 97-116

TOPIC TAGS: mechanism, retarding water evaporation, permeability, depressor

ABSTRACT: The effect of temperature on the evaporation of water across the monolayer was studied by the Langmuir-Schaefer method in the 12-60 degree interval using samples of regular and of recrystallized 1-hexadecanol. The apparent regular and irregular character of the permeability was explained by the transition of the hexadecanol between the Beta and the sub Alpha phases, whereby interaction with water is increased. The OH-group is submerged and spreading of the monolayer is facilitated; recrystallization causes phase transition at lower temperature. The strength of the interaction between adjacent monolayer molecules, and the interaction of the monolayer with water, and its spreading properties jointly determine the height of the energy barrier. The necessary orderliness of the monolayer can be obtained for instance with the aid of plasticizers which can orient

Card 1/2

L 10585-63

ACCESSION NR: . AP3001454

the depressor molecules into a stable impermeable membrane. Orig. art. has: 19 equations, 4 figures, and 3 tables

ASSOCIATION: Institut organicheskoy khimii akademii nauk Arm. SSR (Institute of Organic Chemistry, Academy of Sciences Armenian SSR)

SUEMITTED: 23Feb63

DATE ACQD: 14Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 008

OTHER: 028

Card 2/2

KRMPOTIC, F.

Determining the maximum of agricultural land and the separation of the surplus
in the process of commassation. p. 475.

Periodical: GEODETSKI LIST.

SCIENCE

Vol. 12, no.10/12, Oct./Dec. 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

KRMPOTIC, Jelena, Prof., Dr.

Impressiones cisternales. Rad Jugosl. akad. znan., odjel med.
3:175-188 1953.

1. Iz Anatomskog instituta Medicinskog fakulteta Sveucilista u
Zagrebu. Predstojnik: prof. dr. E. Perovic.
(OCCIPITAL BONE, anat. & histol.
cisternal impressions (Ser))

KRMPOTIC, Jelena

Fourth case (our second) of anomalous position of the external carotid artery in the retromandibular fossa. Radovi Med. fak. Zagrebu 2:111-114 1956.

1. Iz Anatomskog instituta Medicinskog fakulteta u Zagrebu (predstojnik akad. prof. dr. Drago Perovic).

(ARTERIES, CAROTID, abnormalities,
anomalous position of external in retromandibular
fossa (Ser))

(CARDIOVASCULAR DEFECTS, CONGENITAL, case reports,
carotid artery, external, anomalous position in
retromandibular fossa (Ser))

Krmpotic, J.

1975. Internal structure of the cerebellum. J. Krmpotic Z. Anat.
Entwickl., 1975, 119, 239--262 (Anat. Inst. Med. Fakultät, Zagreb,
Yugoslavia).—A theoretical account of the development of the
characteristic cross architecture of the cerebellar cortex. (German)
J. TOWERS.

KRMPOTIC, Jelena

A contribution to the recognition of hazards in tracheotomy. Radovi
med.fak., Zagreb 7 no.3:177-180 '59.
(TRACHEA surg)

KRMPOTIC, Jelena

Relation of the optic canal to the posterior ethmoidal cell in a case of excessive pneumatization. Radovi med.fak., Zagreb 7 no.3:181-183 '59.

(OPTIC NERVE dis)
(SPHENOID SINUS dis)

KRMPOTIC, J.

A model of naso-bucco-pharyngolaryngeal cavities. Bul sc Jug 5 no.2:45
Mr '60. (HEAI 9:8)

1. Institute of Anatomy, Medical Faculty, Zagreb.
(Head) (Sound)

KRMPOTIC, J.

Bony cuffs around the branches of the internal auditory artery at the bottom of the internal auditory meatus. Bul sc Jug 5 no.3:78 J1 '60.
(EEAI 10:5)

1. From the Anatomy Department, Medical Faculty, Zagreb.
(Acoustic nerve) (Bone)

KRMPOTIC, J.

The anatomical base of the hearing curve of Wegel. In English.
Bul so Jug 5 no.4:111-112 '60. (EEAI 10:7)

1. Anatomy Department, Medical Faculty, Zagreb.
(HEARING) (EAR)

KADRKA, Silvijs; KRMPTIC, Jelena

Contribution to pneumo-stratigraphic anatomy of the brain. Rad. med.
fak. Zagreb 8 no.2:135-156 '60.

(VENTRICULOGRAPHY)

SERCER, Ante; KRMPOTIC, Jelena

Results of our studies on the evolution of the base of the skull in
man. Rad. med. fak. Zagreb 8 no.3:215-222 '60.

(CRANIOMETRY)

KIMPOTIC, Jelena, dr.

Neuromuscular index of the phrenic nerve. Med. arh. 15 no.3:7-12
My-Je '61.

1. Anatomski institut Medicinskog fakulteta u Zagrebu (Predstojnik:
prof. dr Drago Perovic).

(PHRENIC NERVE physiol)
(MYONEURAL JUNCTION physiol)

KRMPOTIC, J.

Facial spasm and Bell's paralysis. Bul so Youg 7 no.1/2:6
F-Ap '62.

1. Zavod za anatomiju Medicinskog fakulteta i odjel za uho,
grlo i nos Opce bolnice "Dr Ml. Stojanovic," Zagreb.

*

KRMPOTIC, J.

A new interpretation of the structure of vocal-cord muscles.
Bul so Young 7 no.6:161-162 D '62.

1. Zavod za anatomiju Medicinskog fakulteta, Zagreb.

KRMPOTIC, J.; SUMARIC, R.

Complete dissection of Nervus petrosus superficialis maior
in the therapy of ozena. Bul so Young 7 no.6:162 D '62.

1. Zavod za anatomiju Medicinskog fakulteta, Zagreb (for
Krmptic). 2. Opca bolnica dr Mladena Stojanovica, Zagreb
(for Sumario).

X

KRMPOTIC, J.; LIPOZENICIC, M.; SIPUS, N.

Fluorescence test in the diagnosis of laryngeal carcinoma. Bul
so Youg 9 no.1/2:11 F-Ap '64.

1. Research Institute for the Protection of Ear and Upper
Respiratory Organs, Zagreb.

KRMPOTIC, J.

Results from the blockade treatment of neglected cases of Bell's paralysis. Bul so Young 9 no.4/5:107-108 Ag-O '64.

A hollow and flexible model of bronchial tree. Ibid.:108-109

Presbyostasis, decrease of the reaction volume in the balance apparatus with advancing age, and causes of the phenomenon. Ibid.:109

1. Anatomic Institute of the Faculty of Medicine, and the Ear, Nose, and Throat Clinic of the Dr.M.Stojanovic Hospital, Zagreb.

KRMPOTIC, J.; GRESKOVIC, M.

New concepts on the treatment of recurrent paralyzes of unknown causes. Bul so Youg 9 no.6:160-161 D '64.

1. Institute for the Study and Protection of the Ear and Respiratory Organs, Zagreb. Submitted July 24, 1964.

KRMOTIC, J., prof. dr.

Lymphatic system of the head and neck. Chir. maxillovac. (Zagreb)
5 no.1:3-19 '65.

SERCER, A.; PADOVAN, I.; KRMPOTIC, J.; KNEZEVIC, M.; BALOGH, M.; MILIC, N.;
SIPUS, N.; DURIN, B.; LIPOZENCIC, M.; GUSIC, B.; SPAVENTI, S.;
GOSPODNETIC, A.; PANSINI, M.; IVIC, Z.; MARINOVIC, F.; BASIC, M.;
ORESKOVIC, M.; KNEZEVIC, S.; MARICIC, Z.

Medicine. Bul sc Youg 9 no.4/5:116-117 Ag-0 '64.

YUGOSLAVIA

KRMPOTIC, Jelena; SUNARIC, Rade; NEMANIC, Djordje; and MIKAC-DEVIC, Dusanka; Clinic for Otorhinolaryngology of the General Hospital "Dr. M. Stojanovich" and Department of Anatomy, Medical Faculty of University (Otorinolaringološka klinika Medicinskog fakulteta u Bolnici "Dr. M. Stojanovic" i Anatomski Institut Medicinskog fakulteta) Zagreb

"Transtemporal Extradural Section of the Large Superficial Petrosal Nerve in Headaches and Ozena"

Radovi Medicinskog Fakulteta u Zagrebu, Vol 13, No. 3; 1965, pp 215-220

Abstract [English summary modified]: Report on 53 resections of the superficial major petrosal nerve for headache, including that done in 15 patients with ozena, over the course of the last 3 years. In 9 of the patients, the resection was bilateral. A study on the anatomy of the temporal bone was done in 150 cadavers, listing the data on the various possible anomalies in the area and the general incidence in the 300 bones. There were no adverse effects from the surgery and in most of the cases the results were exceedingly good, even to the extent of the essentially complete cure of both nostrils when only a unilateral operation was done. 2 photomicrographs, 2 surgical diagrams; 13 Western and 6 Yugoslav and 1 Soviet reference; manuscript received 24 December 1965.

1/1

- 76 -

KRMPOTIC, M.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826620001-6"

Elements of analysis of work productivity. p. 1333

TEHNIKA, Beograd, Vol 10, No. 9, 1955

SO: EEAL, Vol 5, No. 7, July 1956

KRMOTIC, M.

Organization of an industrial enterprise. p. 1231.

(TEHNIKA. Vol. 12, No. 7, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

KRNAK, A.

Automatic flux welding. P 509

STROJIRENSTVI (Ministerstvo tezkého strojírenství, Ministerstvo všeobecného
strojírenství) Praha, Czechoslovakia Vol. 9 no. 7 July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2,
Feb. 1960

Uncl.

CZECHOSLOVAKIA/Acoustics - Architectural Acoustics

J-8

Abs Jour : Roz Zhur - Fizika, No 11, 1958, No 26100

Author : Krnek Milan

Inst : Not Given

Title : Acoustic Treatment of Rooms for Dispatcher Points.

Orig Pub : Sdolovci techn., 1958, 6, No 3, 100-101

Abstract : No abstract

Card : 1/1

44

APPROVED FOR RELEASE: 06/14/2000
KREJCI, Felix; KRNEK, Milan; TICHY, Jiri

CIA-RDP86-00513R000826620001-6"

Investigation and realization of properties required from the Czechoslovak reverberation chambers to obtain the optimum value of acoustic absorptivity. Slaboproudý obzor 24 no.3:139-145 Mr '63.

1. Vyzkumny ustav zvukove, obrazove a reprodukni techniky, Praha (for Kelmer and Krnak).
2. Katedra fyziky fakulty elektrotechnicke, Ceska vysoke uceni technicke, Praha (for Tichy).

welding & flame cutting

S

**Influence of Flame-Cutting on the Quality of Low-Carbon
Boiler Steels.** R. Kráák. (*Strojirskost*, 1951. 1, June,
210-212). (In Czech).—On the basis of test data the author
finds that in the making of welded boilers and pressure vessels
of steel with carbon less than 0.35% it is not necessary to
machine the flame-cut edges, provided these are left clean
and smooth. . . .

✓ 2796* Full Utilization of Welding Technology. O plně
využití technologie svařování. (Czech.) R. Kráček. Strojnická
výroba, v. 3, no. 10, Oct. 1955, p. 401-404.
MG Discusses situations where welded parts can be used instead of
cast parts. Comparative cost figures. Graphs, tables, photo-
graphs, diagram. 4 ref. 

KRNYAK, Rudolf; DANIKO, Yu. I., inzhener [translator]; PEREVERZEV, V. K.,
kandidat tekhnicheskikh nauk, redaktor; KORNILOVA, M. I., redaktor;
KIRSANOVA, N. A., tekhnicheskii redaktor.

[Metal spraying reconditioning of worn out machine parts and protection
of surfaces from corrosion by means of metal spraying] Metallisa-
tsiia raspyleniem; vosstanovlenie isnozhennykh detalei mashin i sa-
shchita poverkhnostei ot korrozii pytem napyleniia metalla. [Moskva]
Izd-vo VTsSPS Profizdat, 1956. 173 p. (MIRA 10:4)
(Metal spraying)

KRNAK, R.

KRNAK, R. Oxygen gouging. p. 117

Vol. 4, no. 3, Mar. 1956
STROJIRENSKA VYROBA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826620001-6

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826620001-6"

KELIAN, R.

Maintenance of machines by welding.

P. 31. (STROKIRNENSKA VYROBA) (Praha, Czechoslovakia) Vol. 6, no. 1, Jan. 1958

S0: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

KRNAK, R.

"Repairs of steam generators by welding p. 23"

STROJIRENSKA VYROBA (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia, Vol. 7, No. 1. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6 June 1959
Uncl.

KRNAK, R.

Welding as a substitute for casting in repair jobs. p. 407

STROJIRENSKA VYROBA. (Ministerstvo tezkého strojírenství, Ministerstvo přesného strojírenství a Ministerstvo automobilového průmyslu a zemědělských strojů)
Praha, Czechoslovakia. Vol. 7, No. 9, Sept. 1959

Monthly List of East European Accessions (EEA1) LC, Vol. 8, No. 12, Dec. 1959
Uncl.

KRNAK, R.

A new method of repairing welds under flux without arc. Stroj vyr
9 no.7:360-361 '61.

1. Ceskomoravska-Kolben-Danek Praha.

KRNAK, Rudolf

"Tests of welded joints" by Vladimir Gregor and Oskar Izdinsky. Reviewed
by Rudolf Krnak. Stroj vyr 10 no.4:214 Ap '62.

KRNAK, Rudolf

"Handbook of welding". Reviewed by Rudolf Krnak. Stroj vyr
10 no.7:371 '62.

KRNAK, Rudolf

"Handbook of welding". Reviewed by Rudolf Krnak.
Stroj vyr 10 no.10:534 0 '62.

KRMAK, Rudolf

Ten interesting informations on welding. Zvaranie 11 no.1:
17-19 Ja '62.

KRNAK, R.

Soviet periodicals on welding. Zvaranie 11 no.1:30-31 Ja '62.
Zvaranie 11 no.1:30-31 Ja '62.

KRNAK, R.

The new in welding. Zvaranie 11 no.4:118-120 Ap '62.

KRNIK, R.

Ten interesting news on welding. Zvaranie 11 no.5:151-152
My '62.

KRNAK, Rudolf

"Selection of the economical welding process" by A.J. Faerman
[Faerman, A. Yu.]. Reviewed by Rudolf Krnak. Stroj vyr 11
no.6:325 Je '63.

KRNAK, Rudolf

"Structural changes of industrial organization caused by welding engineering" by H. Holm. Reviewed by Rudolf Krnak. Stroj vyr
11 no.6:327 Je '63.