

RAJSZYS, Ryszard

Methods of angiography of the subclavian artery and its
branches. Pol. przegląd. radiol. 29 no.5:493-501 S-0 '65.

1. Z Zakładu Radiologii Lekarskiej AM w Warszawie (Kierow-
nik: prof. dr. med. S.L.Zgliczynski).

WYSZNACKA, Wanda; KAZIMIEFSKI, Eugeniusz; RAJSZYS, Edward; ZIMMERMAN, Jerzy

Chronic occlusion of the vena cava inferior. *Acta. typ. Lek.* 20
no.15:523-525 12 Ap '65.

1. Z II Kliniki Chorob Wewnętrznych (Kierownik: prof. D. Aleksandrow), z Zakładu Radiologii Lekarskiej (Kierownik: prof. L. Zgliczynski) i z I Kliniki Chirurgicznej (Kierownik: prof. J. Nielubowicz) AM w Warszawie.

RAJSZYS, Ryazard; MIERNOWSKI, Stanislaw

Role of cerebral arteriography in cases of subarachnoid
hemorrhage. Pol. przegl. radiol. 27 no.4:277-293 '63.

1. Z Zakladu Radiologii Lekarskiej AM w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski.

(SUBARACHNOID HEMORRHAGE)
(CEREBRAL ANGIOGRAPHY)

RAJSZYS, Ryszard; MIERNOWSKI, Stanislaw

Filling the basilar, cerebellar and vertebral arteries during
carotid arteriography. Pol. przegl. radiol. 27 no.2:113-122 '69.

1. Z Zakladu Radiologii Lekarskiej AM w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski.

(CEREBRAL ANGIOGRAPHY) (BASILAR ARTERY)
(VERTEBRAL ARTERY) (CAROTID ARTERIES)
(CEREBELLUM)

RAJSZYS, Ryszard; MIERNOWSKI, Stanislaw

Cerebral angiography in cases of thrombosis of the carotid artery and of its branches. Pol. przegl. radiol. 27 no.3: 193-211 '63.

1. Z Zakladu Radiologii Lekarskiej AM w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski.
(CAROTID ARTERY THROMBOSIS)
(CEREBRAL ANGIOGRAPHY)

JEDRZEJOWSKA, Hanna; MOSSAKOWSKI, Mirosław; RAJSZYS, Ryszard

Spontaneous bilateral arteriovenous fistula between the internal carotid artery and the cavernous sinus. Pol. tyg. lek. 18 no.31:1153-1158 29 JI '63.

1. Z Kliniki Neurologicznej AM w Warszawie; kierownik: prof. dr med. I. Hausmanowa-Petrusewicz i z Zakładu Radiologii Lekarskiej AM w Warszawie; kierownik: prof. dr nauk med. W. Zawadowski.

(FISTULA, ARTERIOVENOUS)
(CAVERNOUS SINUS)
(CAROTID ARTERY DISEASES)

GRABAN, W.; DOROSZEWSKI, J.; RAJSZYS, R.; MIERNOWSKI, S.;
MAZUROWSKI, W.; STROINSKA-KUSIOWA, B.

Comparison of gamma-ray encephalography with the results of
cerebral arteriography. Pol. przegl. radiol. 27 no.2:141-159
1963.

1. Z Zakladu Radiologii Lekarskiej AM w Warszawie Kierownik:
prof. dr nauk med. W. Zawadowski Z Kliniki Neurologicznej AM
w Warszawie Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz
Z Kliniki Neurochirurgicznej AM w Warszawie Kierownik: prof.
dr med. L. Stepien.

(CEREBRAL ANGIOGRAPHY) (RADIOAUTOGRAPHY)
(BRAIN DISEASES) (ALBUMINS)

POLAND

JEDRZEJOWSKA, Hanna, MOSSAKOWSKI, Mirosław, and RAJSZYS, Ryszard; Neurological Clinic (Klinika Neurologiczna) (Director: Prof. Dr. med. I. HOUSMANOWA-PETRUSEWICZ) and Department of Medical Radiology (Zakład Radiologii Lekarskiej) (Director: Prof. Dr. med. sci. W. ZAWADOWSKI), both of the AM [Akademia Medyczna, Medical Academy] in Warsaw

"Spontaneous Bilateral Arteriovenous Anastomosis between Internal Carotid Artery and Sinus-Cavernosus. Case Report."

Warsaw, Polski Tygodnik Lekarski, Vol 13, No 31, 29 Jul 63, pp 1153-1158

Abstract: [Authors' English summary] Authors report a case in the title for a 66-year old woman. Bilateral exophthalmos and partial paresis of motor nerves appeared within two months, and patient complained of headache and tinnitus. Correct diagnosis was facilitated by arteriography of carotid arteries and kinematograph. Authors call attention to rare incidence of spontaneous bilateral carotid-cavernous anastomoses and discuss the possible pathogenesis of the disease. All 11 references are to English and French sources.

1/1

RAJEMZO, Gysard GABA, Pishch...

Accidentally formed value of the ...
of cerebral angiography. ...
312 31-Ag 161.

1. ...
(Heterochromia, ...)
Academ. Medytsk. ...
Hansenska ...

JEZDIC, Vojislav, ing., Assistant (Beograd, Cvijiceva 68); RAJNVAJN, Jelena,
ing., Assistant (Beograd)

Synthesis of labelled compounds and the use of isotopes in organic
chemistry. II. Tehnika Jug 17 no.1:132-135 Ja '62.

1. Institute of Nuclear Sciences "Boris Kidric", Beograd-Vinca.
2. Odgovorni urednik, "Radioaktivni izotopi i zracenja" (for Rajnvajn)

(Isotopes)

CZECHOSLOVAKIA

KRCMERY, V.; RAJTOR, V.; CIZNAR, I.; Research Institute of Hygiene (Vyskumny Ustav Hygieny), Bratislava; State Control Institute of Biological Compounds and Drugs (Statna Kontrola Biopreparatov a Lieciv), Nitra; Research Institute of Epidemiology and Microbiology (Vyskumny Ustav Epidemiologie a Mikrobiologie), Bratislava.

"Antigens of Salmonella Cholerae Suis. Preparation by Means of Ultrasound, Autolysis, and Alternating Freezing and Thawing."

Prague, Veterinarni Medicina, Vol 12, No 1, Jan 67, pp 27 - 34

Abstract [Authors' English summary modified]: The antigens prepared by the methods mentioned in the title were analyzed biochemically and immunochemically. Quantitative analysis of N, P, carbohydrates, and lipids showed great uniformity between the methods of preparation of the antigens. Chromatographic analysis was used to identify some of the components of the antigens. Precipitation in agar showed that the antigens prepared by various physical methods had similar composition and that they contained endotoxin. The toxicity of the products was lower than when chemical methods of preparation are used. 4 figures, 2 Tables, 21 Western, 14 Eastern references. (Ms. rec. 8 Mar 66).

RAJWAR-INCZYK, Sofia; MALEWSKI, Tadeusz

Clinical role of vitamin B6 (pyridoxine). *Pediat. Pol.* 40
no.10:1139-1143 G '65.

RAJTAR-LEONTIEW, Zofia; ZALEWSKI, Tadeusz

Accidental INH poisoning in a 2-year-old girl. Pediat. Pol.
39 no.3:301-304 Mr'64.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie; kierownik:
doc.dr.med. H.Kobierska.

*

CZECHOSLOVAKIA

IZAK, D.; RAJTR, Z.

No affiliation given

Bratislava, Farmaceuticky obzor, No 10 [October] 1966, pp 465-68

"Polish pharmacophile."

S/137/62/000/009/030/033
A006/A101

AUTHOR: Rajtmajer, Jiří

TITLE: Self-soldering protective varnish

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 9, 1962, 67 - 68, abstract
9E458 P (Czechosl. Patent no. 99398 of April 15, 1961)

TEXT: The varnish for the protection against contaminations of printed circuits with soldered-on parts, contains a mixture of methyl methacrylate solutions in an organic solvent (viscosity 100 ml/50 sec at 4 mm diameter of the aperture) and 50%-colophony solution in an organic solvent. Both solutions, mixed in 1:1 to 1:10 proportions, depending on the mode of applying the varnish, may be composed on different solvents. Toluene, butylacetate, acetone, etc. may be used as solvents. The varnish is applied on the panels with the printed circuits and apertures for the introduction of conductors. It protects the panel surfaces against contamination. The surface may be kept in this condition for any period of time. Prior to soldering the parts are placed on the panel after the outlets have been prepared (e.g. cleaned and silver-plated); the panel is

Card 1/2

S/137/62/000/009/030/033
A006/A101

Self-soldering protective varnish

then placed in a Sn-solder bath. The Sn forces back the varnish, which is softened by heating in the bath, from all the metallic surfaces, which are tightly joined. The varnish is, however, preserved on the dielectric surfaces, it does not evaporate, and there it is not expelled by Sn. The varnish makes it possible to solder very rapidly at up to 240°C temperatures; it is stable against etching solutions such as FeCl₃ and HNO₃. It can be used for the printing of drawings on a foil with subsequent etching them.

Ye. Greyl'

[Abstracter's note: Complete translation]

Card 2/2

RAJTMAYER, J.; SCASEK, M.; BENDA, P.

Forging on crank presses. p. 210.

STROJIRENSKA VYROBA. (Ministerstvo tezkého strojírenství, Ministerstvo přesného strojírenství a Ministerstvo automobilového průmyslu a zemědělských strojů) Praha, Czechoslovakia. Vol. 7, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. uncl.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WQ WR WS WT WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

LIST AND AND ORDERS PROCESSES AND PROPERTIES NLES

28

Some hints on the mitigation of the sugar and beet crises. A new type of diffusion battery. A. RAK. Z. *Zuckerind. technol.* Rep. 54, 231-8(1930) — R. describes a new type of diffusion battery stated to possess several advantages over the Roberts battery. J. F. LUKS

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

GENERAL NOTE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Microfilm frame containing a document page with a perforated border. The document text includes:

ca

Sugar refining. Alois RAK *Lity* *Chkonec*. 48, 201 411020 -A description
of an expt with a newly designed diffusion battery FRANK MARSH

22

ASPH 55.A METALLURGICAL LITERATURE CLASSIFICATION

Microfilm frame containing a document page with a perforated border. The document text includes:

RAK, A.I.; TREPENENKO, I.I., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; CHERYAPIN, A.M., kandidat tekhnicheskikh nauk.

Caterpillar with three-lug links for the DT-54 tractor. Avt. i trakt.
prom. no.3:9-10 Mr '56. (MLRA 9:7)

1.Khar'kovskiy traktorayy zavod i Nauchno-issledobatel'skiy avtotrak-
tornyy institut.

(Caterpillars (Vehicles))

RAF, A. I.

1A 1/2 113

USSR/Engineering
Coke Oven Gas
Fuel

Jun 48

"Review of 'Coke Gas' by B. I. Kustov and L. Ya. Kolyandr," A. I. Rak, Engr, Ministry of Ferrous Metal, 2 pp

"Stal'" No 6

This 234-page book, published by Khar'kov Metallurgizdat in 1947, discusses production, purification and utilization of coke gas. Book is valuable in spite of fact that cited examples are somewhat old (1936 to 1938).

FDB

1/49T13

VODNEV, G.G.; SHELKOV, A.K.; DIDENKO, V.Ye.; FILIPPOV, B.S.; TSAREV, M.N.;
ZASHVARA, V.G.; LITVINENKO, M.S.; MEDVEDEV, K.P.; MOLODTSCY, I.G.;
LGALOV, K.I.; RUBIN, P.G.; SAPOZHNIKOV, L.M.; TYUTYUNNIKOV, G.N.;
DMITRIYEV, M.M.; LEYTES, V.A.; LERNER, B.Z.; MEDVEDEV, S.M.; REVIKIN,
A.A.; TAYCHER, M.M.; TSOGLIN, M.E.; DVORIN, S.S.; RAK, A.I.; OBUKHOV-
SKIY, Ya.M.; KOTKIN, A.M.; ARONOV, S.G.; VOLOSHIN, A.I.; VIROZUB, Ye.V.;
SHVARTS, S.A.; GINSBURG, Ya.Ye.; KOLYANDR, L.Ya.; BELETSKAYA, A.F.;
KUSHNEREVICH, N.R.; BRODOVICH, A.I.; NOSALEVICH, I.M.; SHTROMBERG, B.I.;
MIROSHNICHENKO, A.M.; KOPELIOVICH, V.M.; TOPORKOV, V.Ya.; AFONIN, K.B.;
GOFTMAN, M.V.; SEMENENKO, D.P.; IVANOV, Ye.B.; PEYSAKHZON, I.B.;
KULAKOV, N.K.; IZRAELIT, E.M.; KVASHA, A.S.; KAPTAN, S.I.; CHERMNYKH,
M.S.; SHAPIRO, A.I.; KHALABUZAR', G.S.; SEKT, P.Ye.; GABAY, L.I.;
SMUL'SON, A.S.

Boris Iosifovich Kustov; obituary. Koks i khim. no.2:64 '55.(MLRA 9:3)
(Kustov, Boris Iosifovich, 1910-1955)

RK 101
AFONIN, K.B.; BURTSSEV, K.I.; BYSTROV, S.N.; VINETS, G.B.; VODNEV, G.G.; VORONIN, A.S.; GEVLICH, A.S.; GRYAZNOV, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.H.; DODE, M.M.; DROGOBID, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENITSKIY, A.G.; IVASHCHENKO, Ya.H.; KAPTAN, S.I.; KVASHA, A.S.; KIREYEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.H.; LGALOV, K.I.; LEYTES, V.A.; LERNER, B.Z.; LOBODA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAFIN, F.A.; NEMIROVSKIY, N.Kh.; NEFEDOV, V.A.; OBUKHOVSKIY, Ya.M.; PRITSSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; REVYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, Ya.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISHBERG, V.D.; KHAR'KOVSKIY, K.V.; KHOLOPTSEV, V.P.; TSAREV, M.N.; TSOGLIN, M.B.; CHERNYI, I.I.; CHERT'OK, V.T.; SHELKOV, A.K.

Samuil Borisovich Banne. Keks i khim. no. 6:64 '56.
(Banne, Samuil Borisovich, 1910-1956)

(MLRA 9:10)

ZYKOVA, Larisa Yur'yevna; RAK, A.S., red.

[Oka State Preserve; a popular science essay] Okskii
gosudarstvennyi zapovednik; nauchno-populiarnyi ocherk.
Pod red. A.S.Rak. Moskva, Lesnaia promyshlennost',
1965. 53 p. (MIRA 18:12)

RAK, A.S.; AFANAS'YEV, S.F.

Flight of grey cranes. Priroda 45 no.9:126 8 '56. (MLRA 9:10)

1. Groznenskiy oblastnoy etdel skhetchich'yego khozyaystva (for Rak).
2. Groznenskiy oblastnoy muzey krayevedeniya (for Afanas'yev).
(Cranes (Birds))

RAK, Bohumil, dr.

Liability for product defects according to the new Economic Code.
Podn org 18 no.11:498-500 N '64.

1. Ceskomoravska-Kolben-Danek National Enterprise, Plant Electro-
technika, Prague.

BRILOV, V. (Moskva); TETERIN, N.; VERESHCHAK, P., shofer (Kiyevskaya obl.);
RAK, D., shofer (Kiyevskaya obl.)

Readers' letters. *Fozh.delo* 7 no.11:32 N '61. (MIRA 14:11)
(Fire prevention)

OLSZEWSKI, Jakub, mgr inz.

"Mining" by J. Ronel, O. Trnka, F. Rak, K. Zachystal, J. Härtel.
Vol.2. "Team work" and "The head miner" by Miroslav Ulbrich.
Reviewed by Jakub Olszewski. Wiadom gorn 13 no.6:214-215 Je
'62.

RAK, F. K.

Treptchenko, M. Ye. and Rak, F. K. - "The problem of shortening the roots in alfalfa."
Doklady Vsesoyuz. akad. nauch. in. Lening, 1949, Issue 2, p. 9-14. - Bibliog:
7 items

SO: U-1386, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

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

③ Chem

Soluble compounds of ~~bismuth~~. IV. Compounds of bismuth with thiolactates. N. M. Turkevich and I. S. Rak (Lvov Med. Inst.). Ukrain. Khim. Zhur. 15, 292-5 (1949).—CaCO₃ was used to neutralize 390 g. 70% citric acid in 2 l. H₂O, the excess CaCO₃ filtered off, and the soln. cooled to yield Ca lactate, which was dried and treated with 750.4 g. PCl₅, yielding 494 g. POCl₃, mixed with MeCHCl-COCl; hydrolysis of this gave 48% MeCH(SH)CO₂H, b. 188°, which was neutralized in a small vol. of H₂O with Na₂CO₃ and allowed to react with 38.8% KSH; after evapn. and heating 5 hrs. at 110°, the resulting mixt. was converted to Pb salt, and finally, by treatment with H₂S, into free MeCH(SH)CO₂H (I), in 31% yield, also obtained in 99% yield by reduction with Zn-HCl of trithiodilactic acid, prepd. by heating 400 g. tartaric acid to 210–20° with 270 g. fused KHSO₄, dilg. the resulting AcCO₂H with H₂O and satg. with H₂S. To 10.5 g. I in 200 ml. hot H₂O was added 39 g. fresh Bi(OH)₃ and the mixt. boiled 15 min.; the clear filtrate on cooling gave Bi thiolactate, C₃H₁₁O₅S₂Bi, decomp. 110°. This in cold 10% NH₄OH evapd. at room temp. gave brown NH₄ thiolactobismuthate, C₃H₁₁O₅S₂NBi, which in aq. medium hydrolyzes in a few days. In this Bi is bound to the 2 S atoms and one CO₂H group; the 2nd CO₂H is neutralized with NH₄. G. M. Kosolapoff

BAK, J.

Physical properties of spruce reaction wood. p.27.
(Drevarsky Vyskum, Vol. 2, No. 1, Apr. 1957, Bratislava, Czechoslovakia)

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

Competition in industrial safety and hygiene in the Rakoczony Coking Plant. p.28.

(COUNCIL FOR THE ECONOMY AND STATISTICS. Vol. 10, No. 7, July 1, 57. Warszawa, Poland)

Supplementary List of East European Accessions (S.A.I) 10. Vol. 6, No. 10, October 1957. Encl.

1. Breuss, J. Gindl, P. Koricansky's Banska Stiavnica a stivnicke pohorie
(Banska Stiavnica and the Mountains of the Stiavnice Area); a book review.
p. 79. KAM'Y LOV'NEKA. (Poveracitvo dopravy. Riaditelstvo pre
cestovny ruch) Bratislava. No. 2, Feb. 1955.

1956: East European Accessions List, Vol. 5, no. 3, September 1956

Anton Hreblyay's Brezno a okolie (Brezno and Its Surroundings); a book review. P. 60. KRMY SLOWENSKA. (Poverenitvo dopravy. Riaditelstvo pre cestovny ruch) Bratislava. No. 2, Feb. 1955.

REMARK: East European Accessions List, Vol. 5, no. 9. September 1956

100, 5.
Karel Kajan's Mala Patria (Lesser Patria): a book review, p. 75.
MILY H. HAVA. Uvereniivo dopravy. Riadielstvo pre cestovny
rush. Bratislava. No. 2, Feb. 1955.

100 : East European Accessions List, Vol. 5, no. 2, September 1956

OWSIK, Wacław; RAY, James

Hydraulic rifting of oil horizons in Baku. Mlad naft 9
no.7/8:163-165 J1-Ag '63.

1.1.1.1.1

and permeability for lipids and the resulting effect on the radial direction for water. (Zvezdsky vykhod no. 1, 1961, 1962).

1. Vseslovenska akademie vied, Vnemycky ustav v Bratislave;
Akademiya vied, Bratislava.

RAK, Jaromir

Structural analysis of beechwood with regard to liquid penetration. Drevarsky vyskum no.1:27-36 '64.

1. Institute of Chemistry, Slovak Academy of Sciences, Bratislava.

Maclaw; RAK, Jozef

Technology of rifting. Wiad naft 9 no.10:223-226 0 '63.

RAK, K., dr.

Laboratory control of syncumar therapy. Ther. hung. 10 no.1/2:15-
20 '62.

1. First Department of Medicine, Medical University of Szeged (Hungary).
(COUMARINS) (ANTICOAGULANTS)

RAK, Kalman, dr.

Some basic problems of anticoagulant therapy. Orv. hetil.
105 no.29:1345-1352 19 JI'64

1. Szegedi Orvostudományi Egyetem, I. Belklinika (Igazgató:
Julesz, Miklos, dr.)

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.

11/1

ABSTRACT

RAK, Kálmán, CSIKVÁRI, István, KÁZSA, Ferenc; 1st Clinic of Internal Medicine (T. sz. belgyógy.) of the Medical University (Orvostudományi Egyetem) of Budapest.

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

Abstract. Magyarorszag Orvostudományi, Vol. 15, No 1, Feb 63, pp 52-55.

Summary: [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 thrombocytopenia 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 in German or Japanese.

RAK, Kalman; CSERHATI, Istvan; KRIZSA, Ferenc

The role of the spleen in thrombocytosis produced by ultraviolet rays
in mice. Kiserl. orvostud. 15 no.1:62-65 F '63.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinikája.
(BLOOD PLATELETS) (ULTRAVIOLET RAYS) (SPLEEN)

LEHOCZKY, Dezso, dr.; RAK, Kalman, dr.; CSERHATI, Istvan, dr.; KRIZSA, Ferenc,
dr.; KELEMEN, Endre, dr.

Determination of a thrombocytosis-producing factor in the serum of
mice and man before the increase in the number of platelets. Orv.
hetil. 104 no.10:343-348 10 Mr '63.

1. Budapesti Orvostovabbkepzo Intezet es Szegedi Orvostudomanyi
Egyetem, I. Belklinika.

(SPLENECTOMY) (BLOOD PLATELETS) (RADIATION EFFECTS)
(ULTRAVIOLET RAYS) (BLOODLETTING) (PREDNISOLONE)

KRIZA, Ferenc; CSERHATI, Istvan; RAK, Kalman

Thrombopoietic activity of the serum in experimental thrombocytosis
of rats. Kiserl orvostud. 15 no.2:130-133 Ap '63.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinikája.
(BLOOD PLATELETS) (ULTRAVIOLET RAYS) (THROMBOPENIA)
(THROMBOPLASTIN) (HEMORRHAGE)

KRIZA, Ferenc; CSERHATI, Istvan; RAK, Kalman

Thrombopoietic activity of the serum in experimental thrombocytosis of rats. Kiserl orvostud. 15 no.2:130-133 Ap '63.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinikája.
(BLOOD PLATELETS) (ULTRAVIOLET RAYS) (THROMBOPENIA)
(THROMBOPLASTIN) (HEMORRHAGE)

HUNGARY

RAK, Kalman, Dr, CSAPO, Gabor, Dr, MACHER, Anna, Dr, TOROK, Gabor, Dr; Medical University of Szeged, I. Medical Clinic, Obstetrical and Gynecological Clinic (Szegedi Orvostudományi Egyetem, I. Belklinika, Szuleszeti es Nogyogyaszati Klinika).

"Chronic Myelocytic Leukemia with an Unusual Course."

Budapest, Orvosi Hetilap, Vol 104, No 25, 23 June 63, pages 1183-1186.

Abstract: [Authors' Hungarian summary modified] A case of chronic myeloid leukemia is described and the main clinical and laboratory observations presented. The case is reported because after the diagnosis in a 9 year old patient, the disease lasted 15 1/2 years of which 14 were almost without symptoms. Eleven years after the diagnosis, the patient gave birth to a healthy, full-time infant without complications. After the delivery she remained without symptoms for three years and only the last year of her life brought the rapid decline. The differentiation between chronic myeloid leukemia and myeloid metaplasia is discussed and the long-term survival of leukemia cases reported in the literature, the effect of pregnancy and the problem of terminal mycosis of leukemia patients mentioned. 5 Eastern European, 29 Western references.

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 ^{2/1}
Cherkhati, I.

ORG: I. and II. Medical Clinics, Medical University of Szeged (Szegedi Orvostudományi Egyetem, I. es 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 thrombocytopoiesis. Orig. art. has: 1 table. [JPRS: 34,161]

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

Card 1/1 ^{11/16}

RAK, K.

The humoral regulation of platelet production. Acta med. acad. sci. hung. 19 no.1:67-75 '63.

1. First Department of Medicine (Director: M. Julesz), University Medical School, Szeged.

(BLOOD PLATELETS) (HEMATOPOIESIS) (THROMBOPENIA)
(HYPERSPLENISM) (POLYCYTHEMIA) (ERYTHROPOIETIN)

BOROS, Mihaly, dr.; TARNOKY, Klara, dr.; VERECZKEY, Csaba, dr; RAK, Kalman, dr.

Cryofibrogenemia and pathological increase in fibrolysis in prostatic carcinoma. Orv. hetil. 104 no.11:509-511 17 Mr '63.

1. Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika, II. Sebészeti
Klinika és I. Belklinika.
(PROSTATIC NEOPLASMS) (CRYOGLOBULINS) (FIBRI^lLYSIS)
(INGUINAL HERNIA) (HEMATOMA) (DIETHYLSTIBESTROL)

RAK, Kalman, dr.; VARGA, Laszlo, dr.; KRIZSA, Ferenc, dr.;
CSEHATI, 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)

43059

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

271220

AUTHORS: Cserháti István, Krizsa Ferenc, Sövényi Ervic, Rák
Kalman (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
I067/I267

thrombocytosis is located in the bone marrow or in the hematopoetic 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 thrombopoetic 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

X

Card 2/2

7
SUMMARY

198. [Author's name]; Faculty of Medicine, I. Medical Clinic
(30, Helyi Onkológiai Intézet, I. Belklinika).

"The New Letins."

Journal of Internal Medicine, Vol. 100, No. 1, 27 Jan 69, pages 1-10.

[Author's Hungarian Summary] Evidence points to the fact that all of the bone marrow cell systems have their own heteropetins. Best known is erythropoietin responsible for erythrocyte production but its role in normal and pathological conditions is not yet established conclusively. Its therapeutic use is also only little understood. What is known is the regulation of leucocyte production. In a few years of investigation, remarkably many data were collected on the hormonal factor of the regulation of thrombocyte production. The pathological clinical picture of diseases of this factor is suggested by clinical and experimental observations. It is probable that in the near future extensive research will be done on the regulation of leucocyte and platelet production and that will increase the understanding of their own regulations. 13 references about one site in Hungarian.

KELEMEN, E.; RAK, K.; CSERHATI, I.; LEHOCZKY, D.

Thrombocytosis-enhancing activity of serum from patients with pathological thrombocytopoiesis. Acta med. hung. 17 no.3/4:293-295 '61.

1. First Department of Medicine (Director: M. Julesz), University Medical School, Szeged and Postgraduate Medical School (Director F. Doleschall), Budapest.

(BLOOD PLATELETS chemistry)
(PURPURA THROMBOPENIC blood)
(THROMBOPENIA blood)

BENKO, Sandor; BALAZS, Viktor; FROHLICH, Margit; HORVATH, Eva; KOVACS, Kalman;
CSANADI, Miklos; FELKAI, Bela; RAK, Kalman

Pulmonary granuloma caused by the intravenous administration of methylcellulose and its sensitivity to cortisone and to Escherichia coli culture broth. Kiserl. orvostud. 14 no.5:515-519 0 '62.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika és Kóronctani Intézet.

(LUNG)	(GRANULOMA)	(METHYLCELLULOSE)
(ESCHERICHIA COLI)	(CORTISONE)	(BLOOD CHOLESTEROL)

7
SUMMARY

HOROS, Mihaly, Dr., LAROKI, Alara, Dr., VERECZEY, Csaba, Dr., BAK, Kálmán, Dr., Medical University of Szeged, I. Surgical Clinic, II. Surgical Clinic, and I. Medical Clinic (Szegedi Orvostudományi Egyetem, I. Sebészeti Klinika, II. Sebészeti Klinika és I. Belklinika).

"Cryofibrinogenemia and Pathologically High Fibrinolysis in Prostate Carcinoma."

Budapest, Orvosi Hetilap, Vol 104, No 11, 17 Mar 1963, pages 509-511.

Abstract: [Authors' Hungarian summary] Severe hematomata-type hemorrhage developed after a hernia operation on a patient with prostate carcinoma and extensive bone metastases. Tests showed hypofibrinogenemia and a pathologically high proteo- and fibrinolysis. Cryofibrinogenemia was also present. Prednison and ACTH did not influence the case significantly, syntocetrin was beneficial. In discussing this rare form of hemorrhage, the authors present a literature survey as well. 34 Western, 2 Eastern European references.

L/L

hak, K.

AID Nr. 986-12 10 June

EFFECT OF HUMAN BLOOD SERUM ON THE SURVIVAL OF X-IRRADIATED MICE (HUNGARY)

Rak, K., F. Krizsa, E. Sövényu, and I. Cserhati. Magyar radiologia, v. 15, no. 2, 1968, 98-101. H/021/63/015/002/001/001

White mice of both sexes weighing 20 to 25 g were subjected to total-body x-irradiation with 550 r. The animals were given injections of thrombopoietic human blood serum 48 and 24 hrs before exposure. Data obtained after a 30-day observation period showed that the serum exerted a significant protective action, increasing the life span, survival rate, and thrombocyte count [see table].

	Survival rate (%)	Mean life span (days)	Thrombocyte count
Controls	5	13.1	59,000
Test mice	31.7	22.5	110,000

[SGM]

Card 1/1

RAK, K.; CSERHATI, I.

The di Guglielmo syndrome (On erythromyelosis, with reference to an acute and a chronic case). Acta med. hung. 17 no.3/4:315-325 '61.

1. I Medizinische Klinik der Medizinischen Universität, Szeged
(Direktor Prof. Dr. M. Julesz)

(POLYCYTHEMIA VERA case reports)

RAK, Kalman, dr.; CSAPO, Gabor, dr.; MACHER, Anna, dr.; TOK, Gabor, dr.

Unusual course of chronic myelocytic leukemia. Orv. hetil. 104
no.25:1182-1187 23 Je '63.

1. Szegedi Orvostudományi Egyetem, I. Belklinika, Szülészeti és
Nőgyógyászati Klinika.

(LEUKEMIA, MYELOCYTIC) (PREGNANCY COMPLICATIONS)
(MYCOSES)

HUNGARY

RAK, Kalman, Dr., VARGA, Laszlo, Dr., KRIZSA, Ferenc, Dr., CSERHATI, Istvan, Dr.; Medical University of Szeged, I and II Medical Clinics (Szegedi Orvostudományi Egyetem, I. es II. Belklinika).

"The Effect of Normal Human Serum Protein Fractions on the Thrombocyte Number of Mice."

Budapest, Orvosi Hetilap, Vol 104, No 27, 7 July 1963, pages 1264-1266.

Abstract: [Authors' Hungarian summary] The thrombocytotic effect of normal human serum protein fractions on mice has been investigated. Whole serum, albumen, alpha-and gamma-globulins were mostly ineffective. The beta-globulin fractions caused a more or less pronounced elevation of the thrombocyte number in mice. It is possible that the demonstration of the thrombopoietic activity present is hindered in normal serum by some other, inhibitory factor bound to the protein fraction. 3 Hungarian, 5 Western references.

1/1

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

The effect of pre-radiation treatment with human serum having a thrombopoietic activity on the survival rate of mice. Magy. radiol. 15 no.2:98-101 Ap '63.

1. Szegedi Orvostudományi Egyetem I. Belklinikájának (igazgató: Julesz Miklos dr., egyetemi tanár) és Röntgenklinikájának (igazgató: Szenes Tibor dr., egyetemi tanár) közleménye.
(RADIATION EFFECTS) (BLOOD PLATELETS)

FARKAS, Marton, dr.; RAK, Kalman, dr.

On thrombocytopathic hemorrhagic diathesis. (Gynecological hemorrhagic complications in familial thrombopathy). Orv. hetil. 104 no.22:1016-1019 2 Je '63.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika és I. Belklinika.

(THROMBOCYTOPATHY) (UTERINE HEMORRHAGE) (POSTPARTUM HEMORRHAGE)
(ABORTION, THERAPEUTIC) (BLOOD TRANSFUSION) (HYSTERECTOMY)
(AMINOSALICYLIC ACID)

27 1220

43057

H/021/62/000/001/001/001
I067/I267

AUTHORS: Nók Kálmán, Krizsa Frerenc, Sövényi Ervin, Cserháti István (Doctors)

TITLE: The effects of ultraviolet therapy on the survival of X-ray irradiated mice

PERIODICAL: Magyar Radiologia, no.1, 1962, 48-51

TEXT: It was observed by the authors that exposure of the entire body of mice to 300 r X-rays after treatment by U.V. did not produce thrombocytopenia. After massive X-ray doses (500, 550 and 600 r), the percentage of survival was significantly greater if U.V. therapy was performed 24 or 48 hours previously, and the number of survival days in single animals was also augmented. Several data show that the thrombopoetic action of U.V. irradiation was not coupled with the same effect of the serotonin. It is very likely that ultraviolet radiation has a protective effect against X-ray injuries. X

ASSOCIATION: Internal and Röntgen Clinics of the University Hospital of Szeged, Hungary
Card 1/1

CSAPO, Gabor, dr.; BARADNAY, Gyula, dr.; RAK, Kalman, dr.

Fatal panhemolophthisis during thiomidic therapy. Orv. hetil. 102
no.14:648-650 2 Ap '61.

1. Szegedi Orvostudományi Egyetem, I sz. Belgyógyászati Klinika és
Korbonctani Intézet.

(BONE MARROW dis)
(THIOSEMICARBAZONES toxicol)

RAK, Kalman, dr.; KOVACS, Jozsef, dr.

Type C female hemophilia. (Hemophilia caused by "plasma thromboplastin antecedent" deficiency). Orv. hetil. 102 no.16:721-726 16 Ap '61.

1. Szegedi Orvostudományi Egyetem, I sz. Belklinika.

(HEMOPHILIA)

CSAPO, Gabor, dr.; RAK, Kalman, dr.

Gaucher's disease in an adult treated with splenectomy. Orv. hetil.
102 no.43:2049-2050 22 0 '61.

1. Szegedi Orvostudományi Egyetem, I Belklinika.

(LIPOIDOSIS surg) (SPLEEN surg)

RAK, Kalman; LEHOCZKY, Dezso; KRIZSA, Ferenc; CSERHATI, Istvan; KELEMEN, Endre

Thrombocytosis in mice caused by the blood serum of hematological patients. Magy. belorv. arch. 14 no.5:194-197 0 '61.

1. Az Orvostudományi Egyetem I Belklinikája, Szeged és Orvostovábbképző Intézet, Budapest közleménye.

(BLOOD PLATELETS) (BLOOD DISEASES)

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. Belklinikája.

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

RAK, Kalman, dr.

On laboratory control in syncumar therapy. Orv. hetil. 103 no.4:
147-153 Ja '62.

1. Szegedi Orvostudományi Egyetem, I. Belklinika.

(COUMARINS therapy)

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: Szenes Tibor dr. egyet. tanár) közleménye.

(RADIATION INJURY exper) (ULTRAVIOLET RAYS)

RAK KAIMAN

Laboratory diagnosis of syndromes based on the disturbance of the preliminary states of blood coagulation; differential diagnosis of hemophilia-like bleedings. Orv. hetil. 98 no.50-51:1382-1387 15-22 Dec 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Hetenyi Geza dr. akadémikus, egyet. tanár) közleménye.

(HEMOPHILIA

laboratory diag. & differ. diag. of various hemophilia-like
pathol. cond. related to disord. of thromboplastin form.
(Hun))

SZARVAS, Ferenc, dr.; RAK, Kalman, dr.

A case of acute leukemia after a large-dose x-irradiation. (Some problems of radiation leukemia). Orv.hetil. 102 no.24:1128-1130
11 Je '61.

1. Szegedi Orvostudományi Egyetem, I. sz. Belklinika.

(RADIATION INJURY case reports)
(LEUKEMIA etiol)

BENKO, Sandor; BALAZS, Viktor; FROHLICH, Margit; HORVATH, Eva; KOVACS, Kalman;
y FELKAI, Bela; RAK, Kalman

Pulmonary arteritis and changes of serum lipoproteins in dogs
after intravenous administration of methylcellulose. Magy.
belorv, arch. 13 no.1:13-16 Mr '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati
Klinikájának (igazgató: Hetenyi, Geza, dr. [deceased], egyetemi
tanár) és Korbonctani Intézetének (igazgató: Korpássy, Bela, dr.,
egyetemi tanár) közleménye.

(METHYLCCELLULOSE pharmacol.)

(LIPOPROTEINS blood)

(PULMONARY ARTERY dis.)

(ARTERITIS exper.)

RAK, Kalman, dr.; CSERHATI, Istvan, dr.; KELEMEN, Endre, dr.

Detailed study of serum prothromboprotein and patients with acute erythro-myelosis and thrombocytopenia. Magy. belorv. arch. 13 no.1:22-27 Mr '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Hetenyi, Geza, dr. [deceased], egyetemi tanár) közleménye.
(BLOOD PLATELETS)
(POLYCYTHEMIA VERA blood)
(THROMBOPENIA blood)

CSERHATI, Istvan; RAK, Kalman

Studies on thrombocytosis induced by ultraviolet rays in mice.
Kiserletes Orvostud. 12 no.2:140-144 Ap '60.

1.Szegedi Orvostudományi Egyetem I. sz. Belklinikája.
(ULTRAVIOLET RAYS)
(BLOOD PLATELETS)

FELKAI, Bela, Dr.; ORMOS, Jenó, Dr.; RAK, Kálmán, Dr.

Ventricular paroxysmal tachycardia in a case of myocardial sarcoidosis associated with pulmonary embolism. Orv. hetil. 99 no.32:1101-1105
10 Aug 58.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinikájának
(igazgató: Hetenyi Géza dr. egyet. tanár) és Kóronctani Intézetének
(igazgató: Korpássy Béla dr. egyet. tanár) közleménye.

(TACHYCARDIA, PAROXYSMAL, etiol. & pathogen.

ventric. paroxysmal tachycardia in myocardial sarcoidosis
with pulm. embolism (Hun))

(PULMONARY EMBOLISM AND THROMBOSIS, etiol. & pathogen.

myocardial sarcoidosis in etiol. of pulm. embolism, with
ventric. paroxysmal tachycardia (Hun))

(SARCOIDOSIS, compl.

myocardial sarcoidosis with pulm. embolism & ventric.
paroxysmal tachycardia (Hun))

(MYOCARDIUM, dis.

sarcoidosis, with pulm. embolism & ventric. paroxysmal
tachycardia (Hun))

RAK KALMAN, Dr.; WALTNER KAROLY, Dr.

Congenital hypoproconvertinemia. Orv. hetil. 100 no.7:257-260 15 Feb 59.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Hetenyi Géza dr. egyetemi tanár) közleménye.

(HEMORRHAGIC DIATHESIS, case reports
factor VII defic., congen. (Hun))

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

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

1. Makoí Varosi Tanacs Korhas, Belgyogyaszati Osztaly, Mako,
es OTE I. Belgyogyaszati Klinika, Szeged.

RAK, Kalman; KOVACS, Kalman; BENKO, Sandor

Storage and blood coagulation in methylcellulose treated rats. Kiserletes orvostud 9 no.5-6:639-644 Oct-Dec 58.

1. Szegedi Orvostudományi Egyetem I. Belgyógyászati Klinikája.

(METHYLCELLULOSE, eff.

on blood coagulation & storage of macromolecular material
in RE system in rats (Hun))

(RETICULOENDOTHELIAL SYSTEM, eff. of drugs on

methylcellulose inducing storage of macromolecular material
in rats (Hun))

(BLOOD COAGULATION, eff. of drugs on

methylcellulose in rats (Hun))

BENKO, Sandor, dr.; SZUCS, Zsuzsanna, dr.; RAK, Kalman, dr.

Leading experiments on erythrocyte formation in normal dogs and in bone marrow lesions. Orv. hetil 98 no.14:356-358 7 Apr 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Hetenyi, Geza, dr., akadémikus egyet. tanár) közlömenye.

(HEMOPOIETIC SYSTEM

eff. of exper. anoxia on hemopoiesis in dogs & influence of x-irradiation & nitrogen mustard (Hun))

(ANOXIA, exper.

eff. on hemopoiesis in dogs, influence of x-irradiation & nitrogen mustard (Hun))

(ROENTGEN RAYS, eff.

on hemopoiesis in exper. anoxia in dogs)

(NITROGEN MUSTARDS, eff.

same)

BENKO, Sandor; SZUCS, Zsuzsanna; RAK, Kalman

Loading tests in examination of reticulocytosis in healthy dogs and in dogs with bone marrow lesions. *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl.* 8 no.1-2:147-149 1957.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikája.

(ERYTHROCYTES

reticulocytosis in healthy dogs & in exper. lesions of bone marrow, testing in exper. anoxia (Hun))

(BONE MARROW, physiol.

eff. of exper. lesions on reticulocytosis in dogs, testing in anoxia (Hun))

(ANOXIA, exper.

in testing of reticulocytosis in dogs (Hun))

CSEBHATI, Istvan; KALIZSA, 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, dr.; CSERHATI, Istvan, dr.

Di Guglielmo's syndrome. Magy belorv. arch. 14 no.1:29-34 '61.

1. Szegedi Orvostudományi Egyetem I sz. Belklinikája (Igazgató: dr. Jutesz Miklos egy. tanár)

(POLYCYTHEMIA VERA)

CSERHATI, Istvan; KRIZSA, Ferenc; RAK, Kalman

The effect of a single dose of roentgen and ultraviolet irradiation on the thrombocyte count in mice. Kiserletes orvostud. 13 no.2: 135-137 My '61.

1. Szegedi Orvostudományi Egyetem I.sz.Bel-gyógyászati Klinikája.
(BLOOD PLATELETS radiation eff.)
(RADIATION EFFECTS exper.) (ULTRAVIOLET RAYS)

BILOSHTAN, A.P.; BOYKO, M.F.; DOROSHENKO, Ye.P. [Doroshenko, K.P.];
DOTSENKO, P.P.; KIL'CHEVSKIY, I.A. [Kil'chevs'kyi, I.O.];
MARINICHENKO, V.G. [Marynychenko, V.H.]; RAK, L.K.;
KRIVETSKIY, I.S. [Kryvets'kyi, I.S.], red.; ROMANENKO, I.N.,
red.; TRITINCHENKO, A.P. [Trytynchenko, A.P., red. inzd-va];
VIRICH, D.V. [Virych, D.V.], tekhn. red.

[Russian-Ukrainian agricultural dictionary] Rosii-'ko-ukrains'-
kyi sil'skohospodars'kyi slovnyk. Ukladachi: A.P. Biloshtan
ta inshi. Kyiv, Vyd-vo AN URSR, 1963. 438 p. (MIRA 17:3)

1. Akademiia nauk URSR, Kiev. Instytut movoznavstva. 2. Chlen
korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for Romaenko).

BILOSHTAN, A.P.; BOYKO, M.F. [Boiko, M.F.], kan.fil.nauk; DOROSHENKO, Ye.P.;
DOTSENKO, P.P.; KIL'CHEVSKIY, I.A. [Kil'chevs'kyi, I.O.];
MARINICHENKO, V.G. [Marynychenko, V.H.]; RAK, L.K.; KRIVETSKIY,
I.S. [Kryvets'kyi, I.S.], red.; ROMANENKO, I.N., red.;
TRITINCHENKO, A.P. [Trytynchenko, A.P.], red. izd-va; VIRICH,
D.V. [Virych, D.V.], tekhn. red.

[Russian-Ukrainian agricultural dictionary] Rossijs'ko-
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korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk
im. V.I.Lenina (for Romanenko).

RAK, L.S.

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

Elchen

Soluble compounds of bismuth. IV. Compounds of bismuth with thiolactates. *N. M. Turkerich and I. S. Rak (Lvov Med. Inst.). Ukrain. Khim. Zhur. 15, 202-3 (1949).* CaCO₃ was used to neutralize 390 g. 70% citric acid in 2 l. H₂O, the excess CaCO₃ filtered off, and the soln. cooled to yield Ca lactate, which was dried and treated with 718.4 g. PCl₅, yielding 494 g. POCl₃ mixed with MeCHCl₂·COCl₂; hydrolysis of this gave 48% MeCHClCO₂H, b.p. 118°, which was neutralized in a small vol. of H₂O with Na₂CO₃ and allowed to react with 38.8% KSH; after evapn. and heating 5 hrs. at 110°, the resulting mixt. was converted to Pb salt, and finally, by treatment with H₂S, into free MeCH(SH)CO₂H (I), in 31% yield, also obtained in 99% yield by reduction with Zn-HCl of trithiodilactic acid, prepd. by heating 400 g. tartaric acid to 210-20° with 270 g. fused KHSO₄, dilg. the resulting AcCO₂H with H₂O and satg. with H₂S. To 10.5 g. I in 200 ml. hot H₂O was added 39 g. fresh Bi(OH)₃ and the mixt. boiled 15 min.; the clear filtrate on cooling gave Bi thiolactate, C₃H₁₁O₅S₂Bi, decomp. 110°. This in cold 10% NH₄OH evapd. at room temp. gave brown NH₄ thiolactobismuthate, C₃H₁₁O₅S₂NH₄Bi, which in aq. medium hydrolyzes in a few days. In this Bi is bound to the 2 S atoms and one CO₂H group; the 2nd CO₂H is neutralized with NH₄.

G. M. Kosolapoff

MF

BAK, M.

"Determination of organic substances by means of potassium-permanganate oxidation"
p.170

VODNI HOSPODARETVL (Ustredni sprava vodniko gospodarstvi) Praha, Czechoslovakia,
no. 4, April, 1959

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

Uncl.

NEDOMLAL, F.; RAK, M.

"Thermal and insulating quality of plate glass."

p. 5 (Sklar A Keramik) Vol. 8, no. 1, Jan. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

Page 1 of 4

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... .. Complex Memorandum and
... .. the CIA's and the Defense Industry, ...

RAK, Milan

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Part 2. - Ceramics. Glass.
Binders. Concretes. - Glass. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71544.

Author : František Nedomlel, Milan Rak.

Inst :

Title : Heat Insulation Properties of Double Glass.

Orig Pub: Sklár a keramik, 1958, 8, No 1, 5-7.

Abstract: The computation method of heat losses through two
glass (G) walls (for refrigerators), each 5 mm thick,
with an air filled space of 10 mm between them is
presented; glass is fixed in plastic bars. 10 x 10
mm large. The heat conductivity factor of double glass
K = 3.03 kcal per sq. m x degree x hour at the tempera-
ture of -10° inside the refrigerator and of 20° in the

Card : 1/2

571

Handwritten: H-5, 11
Czechoslovakia /Chemical Technology. Chemical Products H-5
and Their Application
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1646

Author : Effenberger M., Rak M.

Title : Determination of Oxidability of Phenols

Orig Pub: Voda, 1956, 35, No 10, 326-327

Abstract: On the basis of experiments on determination of the oxidability of different phenols (I) it is recommended to determine the oxidability of sewage water by the method of Kubel when the concentration of I does not exceed 3 mg/liter. The modified method of Schultze-Pappov can be used with a concentration of I not exceeding 30 mg/liter. With a concentration of I not exceeding 50 mg/liter an 0.0625 N solution of $KMnO_4$ should

Card 1/2

Czechoslovakia /Chemical Technology. Chemical Products H-5
and Their Application
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1646

be used, while with a concentration of I not ex-
ceeding 100 mg/liter, -- an 0.125 N solution of
KMnO₄. Oxidability of phenol, pyrocatechol,
resorcinol and pyrogallol is approximately 80%
of the theoretical; that of cresols and xylenols
50-68%.

Card 2/2

RAK, Mila, inz.

"Heat transmission" by W.H. Mc.Adams. Reviewed by Milan Rak.
Sklar a keramik 12 no.10:320 0 '62.

TROKHIMENKO, Yaroslav Karpovich [Trokhymenko, I.A.K.]; känd. tekhn. nauk; GERASIMOV, S.M. [Gerasimov, S.M.], prof., lektsiant; RAK, n.d., inzh., red. izd-va; STARODUB, T.O., tekhn. red.

[Transistors in electronic circuits] Tranzystory v elektronnykh skhemakh. Kyiv, Derzhtekhvdyav URSR, 1963. 168 p. (MIRA 17:3)

RAF, S.

On the paper: "Design of communication networks", Sl. Obs. No 3, p. 100

SO: Slaboproudý Obzor (Weak-Current Communications Review, Czechoslovakia)
Vol. 11, No. 12, Dec., 1953. (Air, AA London, IR-764-54, 12 April 1954,
Unclassified) CIA #D-13931

AM, S. ...

"Issledovaniye bezopasny Svay"

... Mashstroyizdat 1990 196 pp.

BAK, D. M.

"Study of Pier Works" published by State Publishers of Machine Literature,
Moscow, 1951