DREIZIN, R.S.; PASHKEVICH, G.A.; PAKTORIS, E.A.; KOROLKOVA, O.I.; KNYAZEVA, L.D.

The etiology of membranous conjunctivitis. Acta virol.Engl.Ed. 3:193-200 O '59.

1. Department of influenza and acute catarrhs of the respiratory tract and clinics of the Ivanovsky Institute of Virology, U.S.S.R. Academy of Medical Sciences; Children's infectious diseases clinic, 2nd Pirogov Moscow Medical Institute; Base of the Children's Municipal Hospital No.1, Moscow.
(CONJUNCTIVITIS etiol)

SERGEYEV, N.V., prof.; PAKTORIS, Ye.A., kand.med.nauk

Effect of pregnancy on the outcome of Botkin's disease and some problems of medical tactics. Vop.okh.mat. i det. 4 no.3:73-77 My-Je '59. (MIRA 12:8)

1. Iz kliniki virusnykh zabolevaniy (zav. - prof.N.V.Sergeyev) Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof.P.N. Kosyakov) AMN SSSR.
(HEPATITIS, INFECTIOUS) (PREGNANCY, COMPLICATIONS OF)

PAKTORIS, Ye.A.; KNYAZEVA, L.D.; DREYZIN, R.S. (Moskva)

Clinical picture of adenoviral diseases. Klin. med. 37 no.5:8-15 My '59 (MIRA 12:8)

1. Iz kliniki virusnykh zabolevaniy (zav. - prof. N.V. Sergayev) na baze Moskovskoy klinicheskoy infektsionnoy bol'nitsy No.2 (gl. vrach A.M. Pyl'tsova) i laboratorii grippa i katarov dykhatel'nykh putey (zav. - prof. V.M. Zhdanov) Instituta virusologii imeni D.I. Ivanovskogo AMN SSSR (dir. - prof. P.N. Kosyakov).
(ADENOVIRUS INFECTIONS, manifest.
clin. picture (Rus))

BUKRINSKAYA,A.G.; PAKTORIS,E.A.

An outbreak of pneumonia caused by type 1 haemadsorption virus.
Acta virol. 4 no.3:184-186 My '60.

1. Ivanovsky Institute of Virology,U.S.S.R. Academy of Medical Sciences, Moscow.
(PNEUMONIA,PRIMARY ATYPICAL,etiology)

PAKTORIS, Ye.A., kand.meditsinskikh nauk (Moskva)

Problems of Botkin's disease control. Sov. med. 24 no. 5:7-11 My '60.
(MIRA 13:10)

(HEPATITIS, INFECTIOUS)

DREIZIN, R. S.; ZOLOTARSKAYA, E. E.; KETILADZE, E. S.; PASHKEVICH, G. B.; KNYAZEVA, L. D.; TRIVUZ, N. L.; PAKTORIS, E. A.; ANZHELLOV, V. O.

Adenoviruses and infections caused by them in the U.S.S.R. J. hyg. epidem. 6 no.2:165-168 '62.

1. Ivanovsky Institute of Virology, Academy of Medical Sciences of U.S.S.R., Moscow.

(ADENOVIRUS INFECTIONS)

PAKTORIS, Ye.A.; SHAKHGIL'DYAN, I.V.

Anicteric forms of epidemic hepatitis and their epidemiological significance. Sov.med. 25 no.5:71-78 My '62. (MIRA 15:8)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.M.Zhdanov).
(HEPATITIS, INFECTIOUS)

PAKTORIS, Ye.A.

Current problems of the epidemiology and prevention of Botkin's disease. Vest. AMN SSSR 18 no.6:55-66 '63. (MIRA 17:1)

PAKTORIS, Ye.A., kand.med.nauk

Treatment of acute forms of Botkin's disease. Virusy i virus. sabol. no.1:131-143 '64. (MIRA 18:2)

FAKTORIC, Ye.A.

Fundamental p[illegible]lems [illegible] the [illegible] of [illegible]. [illegible]
med.virus. [illegible] 9:95-113 '64.

1. Institut vi[illegible]ologii imeni Ivano[illegible]skogo AMN [illegible].

ROGOL', Yu.M.; PAKTORIS, Ye.A.

Parenteral transmission of hepatitis in adults. Vop.med.virus. no.9:167-173 '64. (MIRA 18:4)

1. Institut virusologii imeni Ivanovskogo AMN SSSR.

SHEYNBERGAS, M.M.; PAKTORIS, Ye.A.; ROGOL', Yu.M.; PODSEDLOVSKIY, T.S.; TENIKAYTITE, M.I. [Tenikaityte, M.]

Epidemic of infectious hepatitis in three northern districts of the Lithuanian S.S.R. Vop.med.virus. no.9:173-180 '64. (MIRA 18:4)

1. Iz Vil'nyusskogo nauchno-issledovatel'skogo institut epidemiologii i gigiyeny i Instituta virusologii imeni Ivanovskogo AMN SSSR, Moskva.

SINAYKO, G.A.; PAKTORIS, Ye.A.

Clinical and enzymological comparisons in Botkin's disease. [illegible]
med.virus. no.9:260-267 '64.

1. Institut virusologii imeni Ivanovskogo AMN SSSR.

PAKTORIS, Ye.A.

Gamma globulin in the prophylaxis of epidemic hepatitis; [illegible] theoretical problems of its use. Vop.med.virus. no.9:381-[illegible] '64. (MIRA 18:4)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

PAKTORIS, Ye.A.; KREYEK, Kh.Ya.; PODSEDLOVSKIY, T.S.; SPOTARENKO, S.S.; FAYYERSHTEYN, S.G.

Results of mass use of gamma globulin during the pre-epidemic season in the prophylaxis of epidemic hepatitis. Vop.med.virus. no.9:392-408 '64. (MIRA 18:4)

SINAYKO, G.A.; PAKTORIS, Ye.A.; GORBUNOVA, T.I.

Late results of Botkin's disease following corticosteroid therapy. Sov. med. 28 no.8:106-111 Ag '65. (MIRA 18:9)

1. Klinicheskiy otdel (nauchnyy rukovoditel' - prof. A.F.Bilibin, zav. - dotsent Ye.S.Ketiladze) Instituta virusologii imeni Ivanovskogo (dir. - prof. V.M.Zhdanov) AMN SSSR na baze 82-y Moskovskoy gorodskoy klinicheskoy infektsionnoy bol'nitsy (glavnyy vrach - kand. med. nauk A.V.Yeremyan).

PAKTORIS, Ye.A.; [illegible], I.S.

Experience in mass prevention of epidemic hepatitis in the Lithuanian S.S.R. using γ-globulin. Report No.1: Duration of the preventive activity of γ-globulin in epidemic hepatitis. Zhur. mikrobiol., epid. i immun. 41 no.[illegible]:[illegible] [illegible]

[illegible]

1. Institut virusologii imeni Ivanovskogo AMN SSSR i Vil'nyusskiy institut epidemiologii i gigiyeny.

PODSEDNOVSKIY, T.S.; [illegible], Ye.A.

Results of γ-globulin mass prophylaxis of epidemic hepatitis in the Lithuanian S.S.R. Report No.2: Comparative data on the effectiveness of various doses and methods of γ-globulin prophylaxis of epidemic hepatitis. Zhur. mikrobiol., epid. i immun. 42 no.1:61-66 Ja '65. (MIRA 18:2)

1. Vil'nyusskiy institut epidemiologii i gigiyeny i Institut virusologii im. Ivanovskogo AMN SSSR.

SPOTARENKO, S.S.; PAKTORIS, Ye.A.

Results of experiments on rational use of gamma globulin in the prevention of infectious hepatitis. Zhur. mikrobiol., epid. i immun. 43 no. 1:52-56 Ja '66 (MIRA 19:1)

1. TSentral'nyy institut epidemiologii Ministerstva zdravookhraneniya SSSR i Institut virusologii AMN SSSR imeni Ivanovskogo. Submitted December 9, 1964.

ACC NR: AP6027597 SOURCE CODE: UR/0248/66/000/008/0087/0092

AUTHOR: Zhdanov, V. M.; Shubladze, A. K.; Paktoris, Ye. A.; Anan'yev, V. A.

ORG: Institute of Virology im. D. I. Ivanovskiy, Academy of Medical Sciences, SSSR, Moscow (Institut virusologii AMN SSSR)

TITLE: Infectious hepatitis, Botkin's disease

SOURCE: AMN SSSR. Vestnik, no. 8, 1966, 87-92

TOPIC TAGS: ~~infectious~~ hepatitis, Botkins disease, epidemiology, public health, DISEASE CONTROL

ABSTRACT:
Various aspects of Botkin's disease, a type of infectious hepatitis, are analysed. Its principal victims are children and young adults. The disease is one of the most widespread viral infections in the Soviet Union, and is more dangerous for children than for adults. Clinical aspects and a detailed plan for its prophylaxis are presented. [WA-50; CBE No. 11]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 UDC: 616.36-002.12 (047)

PAKTORIS, Ye. A.

Outbreak of influenza A/Asia/57 during the spring of 1957 in an industrial center. Vop. virus. 4 no.1:27-30 Ja-F '59. (MIRA 12:4)

1. Klinika virusnykh zabolevaniy Instituta virusologii AMN SSSR, Moskva.
(INFLUENZA, epidemiol.
A/Asia/57, in Russia (Rus))

Paktoris, Ye. A.

PAKTORIS, Ye.A.; VORONTSOVA, L.A.

Clinical and epidemiological characteristics of poliomyelitis in Lithuania in 1955. Zhur.mikrobiol. epid. i immun. 28 no.10:129-134 O '57. (MIRA 10:12)

1. Iz Vil'nyusskogo gosudarstvennogo universiteta i Sanitarno-epidemiologicheskogo upravleniya Ministerstva zdravookhraneniya Litovskoy SSR.
(POLIOMYELITIS, epidemiology, in Lithuania (Rus))

PAKTOVSKIY, I.I.

[illegible], [illegible] D., and Paktovskiy, I. I., Teplotekhnicheskie [illegible] izmeritel'nye pribory (Measuring Instruments for [illegible] Control). Sverdlovsk: Gosudarst. [illegible], [illegible] 'Mashinostroitel', Lit., Ural'sk. Otdel. 1948. 390 pp.

PAKTOVSKIY, I.I.

I BOOK EXPLOITATION SOV/3902

Kuzin, Mikhail Dmitriyevich, and Ivan Ivanovich Paktovskiy

Teplotekhnicheskiye kontrol'no-izmeritel'nyye pribory (Heat-Engineering Control and Measuring Instruments) 3rd ed., rev. and enl. Moscow, Mashgiz, 1959. 408 p. 24,000 copies printed.

Reviewer: Yu. G. Yaroshenko, Candidate of Technical Sciences; Exec. Ed.(Ural Siberian Division, Mashgiz): T.M. Somova, Engineer; Tech. Ed.: N.A. Dugina.

PURPOSE: This textbook is intended for technical and trade schools. It may also be used by workers and foremen to improve their skill.

COVERAGE: The book deals with measuring and control instruments used in heat engineering. The devices described are said to be all of Soviet design and make. Instructions are given for the installation, adjustment, maintenance, and repair of these instruments. Problems of repair and adjustment of instruments during the erection of industrial installations are stressed. The prospects for further development of instruments and control devices operating on optico-acoustical, ultrasonic, magnetic, and radioactive principles are

Card 1/7

discussed. Even wider application is predicted for electronic semiconductor instruments. No personalities are mentioned. There are 12 references, all Soviet.

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AVAILABLE: Library of Congress (QC274.K8 1959)

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8-26-60

Card 7/7

PAKTOVSKIY, I. I. and M. D. KUZIN

Teplotekhnicheskie kontro'no-izmeritel'nye pribory; ustroistvo, montazh i remont. Moskva, Mashgiz, 1949. 297 p. diagrs.

Bibliography: p. 294

Thermotechnical controlling and measuring instruments; working principles, assembling and repair.

DLC: QC274.K8

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

[illegible]TCHSKIY, I. I., [illegible]

Thermotechnical controlling and measuring instruments; [illegible] repair. Moskva, Gos. [illegible] izd-vo [illegible] literatury, 194[illegible]. [illegible]

PAKTOVSKIY, I. I.

7651. PAKTOVSKIY, I. I. -- Teplotekhnicheskiye kontrol'noizmeritel'nyye pribory. (ucheb. posobiye dlya remesl. uchilisheh). izd. 2-ye, Ispr. i dop. moskva-sverdlovsk, mashgiz, (uralo-sib. otd-niye), 1954. 400 s. s ill. 23 sm. 25.000 ekz. (1-y zavod 1-5 tys.) 7R. 90K. v per. --- Bibliogr: s. 397 (12 nazv.) -- (55-3745)P

621.036.5 & (016.3)

Mazanov, F. Partiynaya organizatsiya zavoda v bor'be za vypolneniye pyatiletnego plana. (1-y gos. podshipnikovyy zavod im. L. M. Kaganovicha). -- sm. 7335

SO: Knizhnaya Letopsis', Vol. 7, 1955

KUZIN, Mikhail Dmitriyevich; PAKTOVSKIY, Ivan Ivanovich; YAROSHENKO, Yu.G., kand.tekhn.nauk, retsenzent; DUGINA, N.A., tekhn.red.

[Heat control and measuring instruments] Teplotekhnicheskie kontrol'no-izmeritel'nye pribory. Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 408 p. (MIRA 13:3)

(Heat engineering)

PAKTOVSKIY, Ya.V. (Kuybyshev)

Tomographic reflection of Kitaev's reflex in some cardiovascular diseases. Klin.med. no.4:116-121 '62. (MIRA 15:5)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. Ye.L. Kevesh) Kuybyshevskogo meditsinskogo instituta.
(CARDIOVASCULAR SYSTEM--DISEASES) (REFLEXES)

PAKTOVSKIY, Ya.V. (Kuybyshev)

Clinical roentgenological diagnostic possibilities in intracardiac thrombi. Klin.med. 39 no.1:54-60 Ja '61. (MIRA 14:1)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. Ye.L. Kevesh) Kuybyshevskogo meditsinskogo instituta.
(HEART--DISEASES) (THROMBOSIS)

VOLOKUSHINA, A.A.; PAKTOVSKIY, Ya.V. (Kuybyshev)

Case of diaphragmatic flutter. Klin.med. 37 no.2:125-126 F '59.
(MIRA 12:3)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. - prof. S.V. Shestakov) i kafedry rentgenologii i radiologii (zav. - prof. Ye.L. Kovesh) Kuybyshevskogo meditsinskogo instituta.

(DIAPHRAGM, dis.
flutter (Rus))

PAKTOVSKY, Ya.V.

Use of tomography in the diagnosis of intracardiac calcifications. Vest. rent. i rad. 38 no.5:8-13 S-O'63 (MIRA 16:12)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. Ye.L. Kevesh) Kuybyshevskogo meditsinskogo instituta.

PAKTOVSKIY, Ya.V.; ZADUL'SKIY, L.N.

Roentgenodiagnosis of calcifications of the fibrous ring of the tricuspid valve. Vest. rent. i rad. 35 no. 4:68-69 Jl-Ag '60. (MIRA 14:2)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. Ye.L. Kevesh) Kuybyshevskogo meditsinskogo instituta.
(HEART—CALCIFICATION)

ZHAVORONKOV, V.V.; PAKTOVSKIY, Ya.V.

Angiocardiography in pulseless disease. Khim. med. 38 no.5:121-126 My '60. (MIRA 13:12)
(ARTERIES--DISEASES) (ANGIOCARDIOGRAPHY)

PAKTROVIS, E. A., ANGELOV, V. ., DREYZIN, R. S., ZOLOTRASKAYA, . .
KETILADZE, E. S., PASHKEVICH, . . . YATSEVA, L. D., TRIVUS, . .

"Adenovirus and infection caused by them in USSR."

Report submitted for the 1st Intl. Congress on Respiratory Tract Disease of Virus and Rickettsial Orgin. Prague, Czech. 23-27 May 1961.

ACC NR: AP6021713 SOURCE CODE: UR/0130/66/000/003/0027/0028

AUTHOR: Monid, A. G.; Benyakovskiy, M. A.; Smolyarenko, D. A.; Sivtsov, G. V.; Tkachenko, E. V.; D'yakonova, V. S.; Popov, P. I.; Pakudin, V. P.; Shirinskaya, S. A.; Sosipatrov, V. T.

ORG: none

TITLE: Production testing of 08Yu cold rolled low carbon steel

SOURCE: Metallurg, no. 3, 1966, 27-28

TOPIC TAGS: low carbon steel, deoxidation, cold rolling, quality control / 08Yu steel

ABSTRACT: Production testing was carried out on nonaging 08Yu steel sheets at the Cherepovetsky Metallurgical Plant and the results were compared to the norms set by GOST 9045-59. Melting was carried out in single-grooved Martens furnaces of average capacity; deoxidation by ferromanganese was done in steps--50% in the furnace and 50% in the ladle; Al was also introduced in the ladle in quantities of 100-150 g/T of steel while full deoxidation was accomplished by the addition of Al pellets in quantities of 900-1000 g/T. The chemical composition of 08Yu steel compared favorably with the standards set by GOST 9045-59 (experimentally--C=0.04-0.08%, Si=0.01%, Mn=0.32-0.38%, S=0.009-0.016%, P=0.01-0.015%, Cr=0.01-0.03%, Ni=0.03-0.07%, Cu=0.02-0.07% and Al=0.02-0.05%). Ingots weighing 14T were hot rolled in 15-18 passes into slabs of

UDC: 621.771.24

135-140 mm thickness and 1070-1430 mm width on a 1150 bloom. These slabs were next cold rolled to a maximum of 68% reduction into sheets of 2.5-3.5 mm thickness and 1040-1430 mm width. Annealing was done at 550°C for 10 hrs at a heating rate of 15°/hr and cooling was at 6°/hr. The final operation was a finishing pass at 1.0-1.3% reduction. Tests made on the sheets after aging at 200°C for 30 min substantiated that the steel was nonaging. The sheets performed well in stamping tests which were run under the stamping conditions used at the Gor'ky Automotive Plant. Orig. art. has: 1 table.

SUB CODE: 11,14/ SUBM DATE: none

: USSR

CATEGORY : CULTIVATED PLANTS. General Problems. M

ABS. JOUR. : Referat. Zh.) 1959, No. 1547

AUTHOR : [illegible], V.A.

TITLE : A High-Grade Agricultural Crop is a Way of Boosting Productivity.

ORIG. PUB. : Sb. Kn. Sev. Kavkaza, 1958, No.3, 32-35

ABSTRACT : No abstract

CARD: 1/1

PAKUDIN, Z.A., kand. sel'skokhoz. nauk; GLUKHOVSKAYA, L.I.

Differentiated cultivation of soil. Zemledelie 27 no.7:46-50 Jl '65. (MIRA 18:7)

1. Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva (for Glukhovskaya).

PAKUDIN, Z.A., kand.sel'skokhozyaystvennykh nauk

Use the achievements of the Krasnodar Agricultural Research Institute to fulfill the seven-year plan ahead of time. Zemledelie 8 no.12:11-20 D '60. (MIRA 13:11)

1. Direktor Krasnodarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva.
(Krasnodar Territory--Agriculture)

L 8483-66 EWT(1)/EWA(j)/EWA(b)-2 RO

ACC NR: AP5028523 SOURCE CODE: UR/0286/65/000/020/0112/0112

AUTHORS: Rabin, V. V.; Oleshchenko, I. N.; Kulikova, R. G.; Pakudina, M. I.; Shibanov, G. N.

ORG: none

TITLE: A method for weed control. Class 45, No. 175789 [announced by North Caucasian Scientific Research Institute of Phytopathology (Severo-Kavkazskiy nauchno-issledovatel'skiy institut fitopatologii)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 112

TOPIC TAGS: weed killer, agriculture, agriculture science, plant chemistry

ABSTRACT: This Author Certificate proposes the use of α-naphthylimide of quinoline acid as a selective action herbicide for weed control.

SUB CODE: 02/ SUBM DATE: 15Sep64

BVK

Card 1/1 UDC: 632.934 : 932.51

SADYKOV, A.S., akademik; PAKUDINA, Z.P.; BUZITSKOVA, Ye.P.; GULI-KEVKHYAN, A.Sh.; KARIMDZHANOV, A.; ISAYEV, Kh.

Accumulation dynamics of the reducing sugars, organic acids, pectic and tanning substances in the leaves and locks of some varieties of cotton. Uzb.khim.zhur. no.6:41-48 '58. (MIRA 12:2)

1. AN UzSSR (for Sadykov). 2. Institut khimii rastitel'nykh veshchestv AN UzSSR (for all).

(Cotton) (Biochemistry)

PAKUDINA, Z.P.; SADYKOV, A.S., akademik

Quercetin-3-sophoroside from the flowers of the AN-318 variety of cotton (Gossypium barbadense). Dokl. AN Uz. SSR 21 no.9: 30-32 '64. (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut khimii i tekhnologii khlopkovoy tsellyulozy pri Gosplane SSSR. 2. Akademiya nauk UzSSR (for Sadykov).

(diss)
PARUDINA, Z.P., Cand Chem Sci --"Study of alkaloids Thermopsis alterniflora /--/derivatives of cytisine." Tashkent, Pub House of Acad Sci UzSSR, 1958. 10 pp (Acad Sci Uzbek SSR. Inst of Chem of Vegetative Substances), 150 copies. (KL, 34-58, 99)

SADYKOV, A.S.; FAKUDINA, Z.P.

Some substances from cotton blossoms. Nauch.trudy TashGU no.263. Khim.nauki no.13:88-93 '64. (MIRA 18:8)

PAKUDINA, Z.P.; SADYKOV, A.S.; DENLIYEV, F.K.

Flavonols from Gossipium hirsutum L. (cotton growth 108-F). Khim. prirod.soed. 1:67-70 '65. (MIRA 18:6)

1. Nauchno-issledovatel'skiy institut khimii i tekhnologii khlopkovoy tsellyulozy Gosudarstvennogo komiteta khimicheskoy promyshlennosti pri Gosplane SSSR, Tashkent.

SADYKOV, A.S., akademik; PAKUDINA, Z.P.

Paper chromatographic determination of sugars in cotton leaves.
Dokl.AN Uz.SSR no.9:27-29 '56. (MIRA 12:6)

1. Institut khimii AN UzSSR. 2. AN UzSSR (for Sadykov).
(Cotton) (Sugars) (Paper chromatography)

PAKUDINA, Z.P.; YUNUSOV, S.Yu., akademik

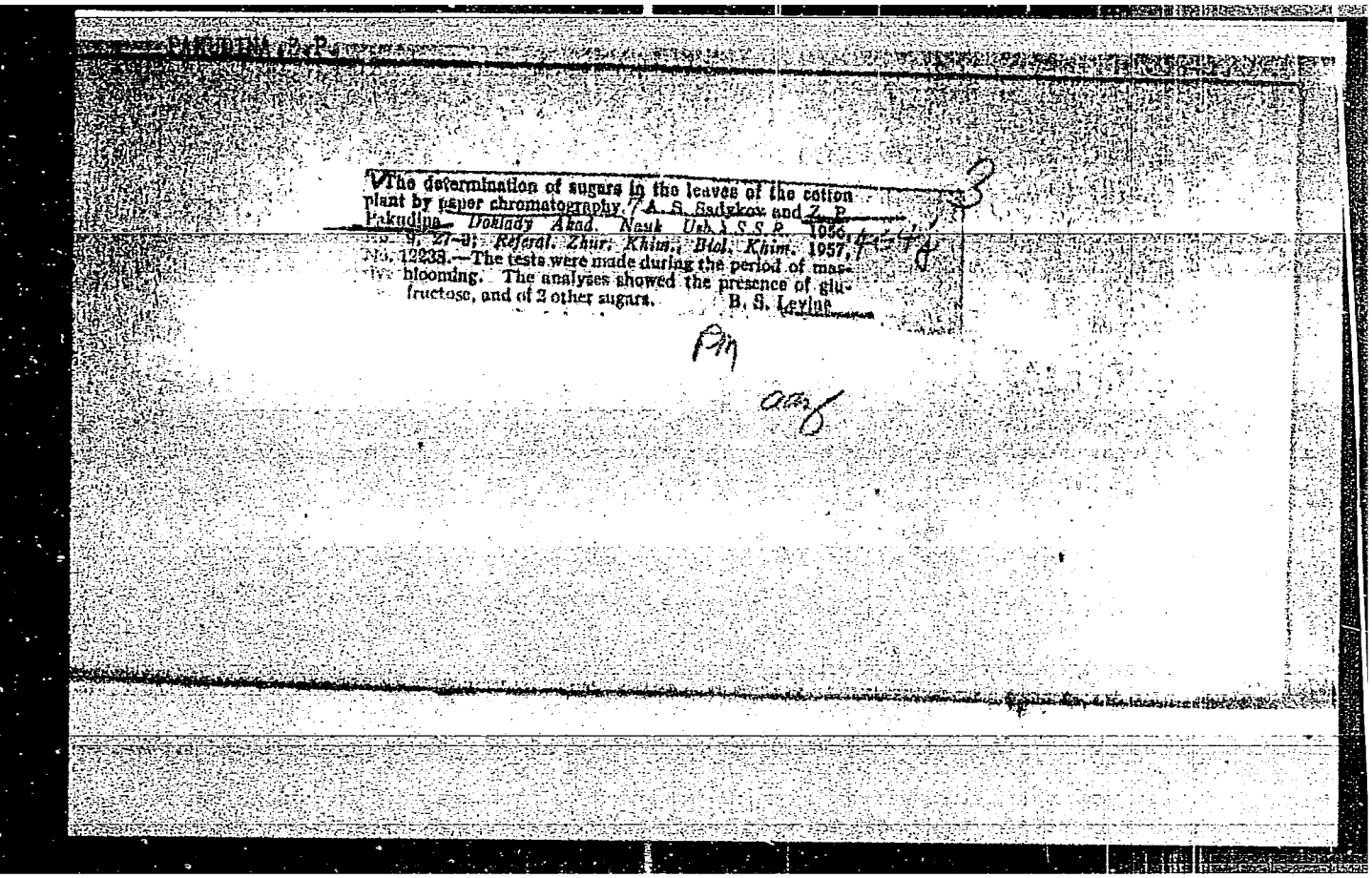
Thermopsis alterniflora alkaloids. Izv. AN Uz. SSR Ser. khim. nauk no.2:69-75 '57. (MIRA 11:8)

1.AN Uz.SSR (for Yunusov)
(Alkaloids)

SADYKOV, A.S., akademik; PAKUDINA, Z.P.

Certain substances isolated from cotton leaves. Dokl. AN Uz. SSR no.8:31-34 '58. (MIRA 11:9)

1. Institut khimii AN UzSSR. 2. AN UzSSR (for Sadykov).
(Cotton) (Plants--Chemical composition)



The determination of sugars in the leaves of the cotton plant by paper chromatography. / A. S. Sadykov and Z. P. Pakudina. *Doklady Akad. Nauk Uzb. S.S.R.* 1956, 9, 27–9; *Referat. Zhur., Khim., Biol. Khim.* 1957, No. 12233.—The tests were made during the period of mass blooming. The analyses showed the presence of glucose, fructose, and of 2 other sugars. B. S. Leyine

PAKUL, A.K.

Use of the PSh-0,4 loader for digging trenches. Vest.sviazi 25 no.2:28 F '65. (MIRA 18:6)

1. Nachal'nik Salmiyerskogo ETUS Latviyskoy SSR.

PAKUL', N

Rannie burzhuaznye revoliutsii

PAKULA

POLAND/ Microbiology. General Microbiology F-1

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5085

Author : Pakula, Osovetskiy, Yeysymont

Inst : Not given

Title : Isolation and Purification of Hyaluronidase of Hemolytic Streptococcus Group C.

Orig Pub : Med. doswiad. i mikrobiol., 1957, 9, No 2, 189-194

Abstract : Of 30 strains of hemolytic streptococci Groups A, B, C and D, the most active one is a strain of Group C which forms hyaluronidase with an activity of 100-120 units per ml of medium containing extract of heart muscle, partly purified of protein, liver extract, peptone, glucose, and mineral salts.

Card : 1/1

PAKULA, Adela

A case of ochronosis. Reumatologia (Warsz.) 1 no.3-4:[illegible].

The gouty kidney -- pathogenesis of hyperuricemia and pathogenic role of the kidney. Ibid.:313-321

1. Z I Oddzialu Instytutu Reumatologicznego w Warszawie (Kierownik: doc. dr med. Jadwiga Pagowska-Wawrzynska Dyrektor Instytutu: dr med. W. Bruhl).

WAWRZYNSKA-PAGOWSKA, Jadwiga; BRZEZINSKA, Blandyna; GRAFF-WROBLEWSKA, Teresa; PAKULA, Adela; WOJCIK-SCISLOWSKA, Maria; wspolpracowala: BACZYNSKA, Krystyna

Behavior of C-reactive protein in chronic progressive arthritis. Reumatologia (Warsz.) 3 no.3:225-229 '65.

1. Z I Oddzialu Reumatologicznego Instytutu Reumatologicznego w Warszawie (Kierownik: doc. dr. med. J. Wawrzynska-Pagowska) i z Zakladu Mikrobiologii i Serologii Instytutu Reumatologicznego (Kierownik: doc. dr. med. Z. Swierczynska).

PAKULA, Adela; ARTUCHA, Zbigniew

A rare case of co-existing Felty's syndrome and psoriasis.
Reumatologia (Warsz.) 3 no.3:297-298 '65.

1. Z I Oddzialu Reumatologicznego Instytutu Reumatologicznego w Warszawie (Kierownik: prof. dr. med. J. Pagowska-Wawrzyńska; Dyrektor Instytutu: dr. med. W. Brühl).

JAKUBIK, Adam, inz.; PAKULA, Irena, inz.; STENCEL, [redacted].

Lime decarbonization of water and its coagulation with ferrous sulfate. Energetyka Pol 17 no.12:358-361 D'63.

GORSKA, J.; PAKULA, K.

Preliminary investigations on the serologic classification of streptococci. Med.dosw.Mikrob. 2 no.2:239-240.1950. (CLML 20:6)

1. Summary of the report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 1949. (Warsaw)

Pakula, L.

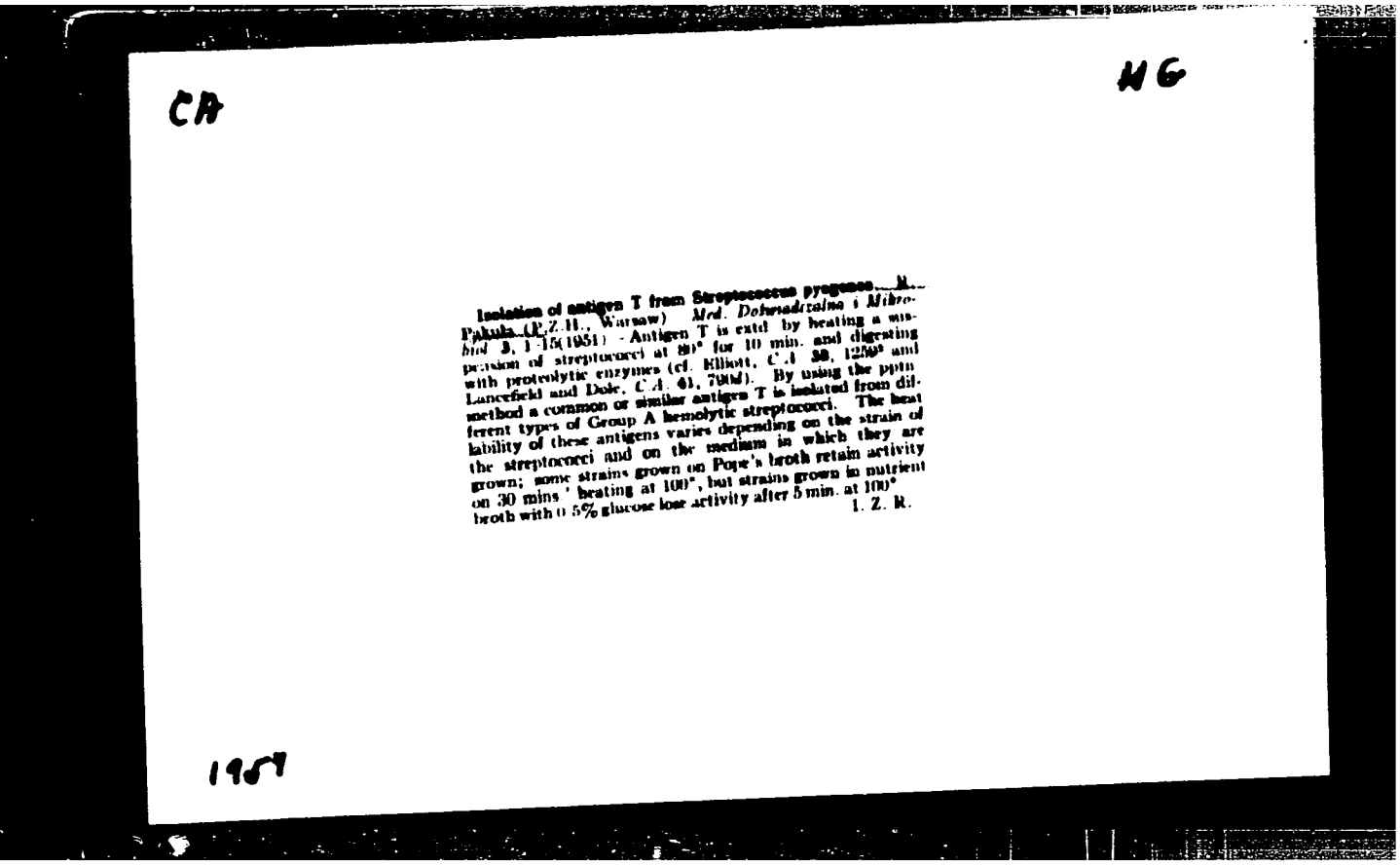
The industrial landscape along the Katowice--Krakow railroad track. p. 152.

GEOGRAFIA W SZKOLE. (Ministerstwo Oswiaty, Polskie Towarzystwo Geograficzne) Warszawa, Poland, Vol. 12, no. 3 May/June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959. Uncla.

PAKULA, Leszek, Mgr. (Krakow XI, ul. Rozana 9, m.4)

A course on the methods of geography of industry organized by the Department for Scientific Affairs of the Polish Geographical Society in Oswiecim, July 2 - 4, 1960. Czasopismo Geograficzne 32 no.2:251-253 '61.



CA

MG

Isolation of antigen T from Streptococcus pyogenes. M.
Pakula (P.Z.H., Warsaw) *Med. Doświadczalna i Mikro-*
biol. 3, 1-15(1951). - Antigen T is extd. by heating a sus-
pension of streptococci at 80° for 10 min. and digesting
with proteolytic enzymes (cf. Elliott, *C.A.* **30**, 1259⁹ and
Lancefield and Dole, *C.A.* **41**, 798d). By using the ppta
method a common or similar antigen T is isolated from dif-
ferent types of Group A hemolytic streptococci. The heat
lability of these antigens varies depending on the strain of
the streptococci and on the medium in which they are
grown; some strains grown on Pope's broth retain activity
on 30 mins.' heating at 100°, but strains grown in nutrient
broth with 0.5% glucose lose activity after 5 min. at 100°
I. Z. R.

1959

PAKULA, R.

Antistreptococcal agglutinins in sera of healthy subject.
Med. dosw. mikrob., Warsz 3 no. 3:311-319 1951. (CLML 21:3)

1. Of the National Institute of Hygiene, Warsaw.

PAKULA, R.

Variability of polysaccharides in hemolytic streptococci; analysis of the hemagglutination and precipitation method. Med. dosw. mikrob., Warsz. 4 no. 2:197-216 1952. (CIML 22:4)

1. Of the National Institute of Hygiene in Warsaw.

PAKULA, R.;RABCZYNSKA, F.

Differentiation of coagulase positive strains of staphylococci with specific bacteriophage. Med. dosw. mikrob., Warsz. 4 no. 3: 305-306 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Warsaw.

PAKULA, R.

Anti-streptococcal agglutinins in the blood of normal subjects. Med. dosw. mikrob., Warsz. 4 no. 3:345-346 1952. (CIML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Warsaw.

PAKULA, R.;TRUCHANOWICZ, Z.

Penicillin therapy and problem of early ambulation in scarlet fever. Pediat. polska 27 no. 6:695-708 June 1952. (CLML 22:4)

1. Of the National Institute of Hygiene (Director--Prof. F. Przesmycki, M. D.) and of the Second Pediatric Clinic (Head--Prof. J. Bogdanowicz, M. D.) of Warsaw Medical Academy.

PAKULA, R.; TYC, M.; WALCZAK, W.

"Bacteriolytic Activity of a Strain of Sarcina Lutea." P. 293,
(ACTA MICROBIOLOGICA POLONICA, Vol. 2, No. 4, 1953, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

PAKULA, R.; RABCZYNSKA, F.; ZALESKA, H.

Phosphatase as index of pathogenicity of staphylococci. Med. dosw. mikrob. 5 no.1:71-76 1953. (CIML 24:5)

1. Of the State Institute of Hygiene in Warsaw.

PAKULA, R.; RABCZYNSKA, F.

Studies on differentiation of Staphylococcus pyogenes with specific bacteriophages. Med. dosw. mikrob. 5 no.2:197-209 1953. (CIML 25:1)

1. Of the State Institute of Hygiene in Warsaw.

PAKULA, R.

Variations in viridans streptococci induced by sodium sulfathiazole, penicillin, and chloramphenicol. Roman Pakula, Zofia Lewinson, and Felicja Rabczyńska (Państwowy Zakład Hig., Warsaw). *Med. Doświadczalna i Mikrobiol.* 6, 271-80(1954).—Resistance to sulfathiazole, penicillin, and chloramphenicol was induced in *Streptococcus* MG, 4 strains of *S. salivarius*, and 3 strains of *S. mitis* by a series of subcultures in the presence of increasingly larger doses of the above. The resistant strains had higher reducing power in respect to methylene blue and grew in the presence of a higher concn. of bile, K tellurite, NaCl, and NaOH than the sensitive parent strain. Physiol. changes take place at the same time. I. Z. Roberts

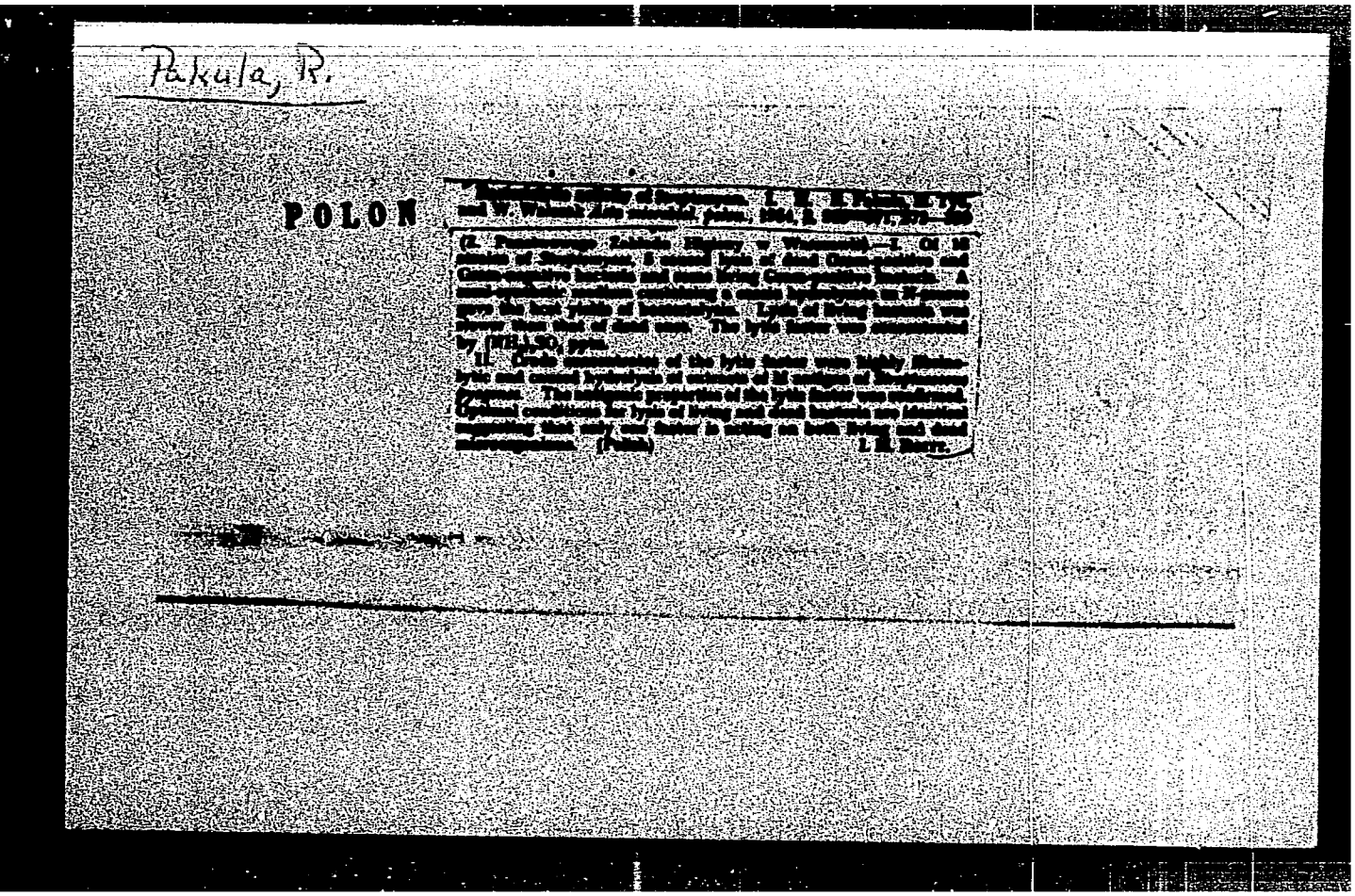
PAKULA, R.

Production of streptokinase and streptodornase. Roman Pakula, Marian Tys, Włodzimierz Walczak, and Dawid [illegible] (Państwowy Zakład Hig., Warsaw). *Med. Doświadczalna i Mikrobiol.* 6, 335-37(1954); cf. Chistemon [illegible]. C.A. [illegible]—Streptokinase (SK) and streptodornase (SD) are produced by a hemolytic strain of streptococci (I) which does not produce appreciable concn. of hyaluronidase, streptolysin, and toxin. I is grown in a medium contg. meat, peptone and yeast hydrolyzates, glucose, amino compounds, and compds. which lower the oxidation reduction potential of the medium. The culture is continually neutralized. Max. yield is reached after 18-20 hrs. The culture is adjusted to pH 4, the ppt. suspended in slightly alk. medium, bacteria are centrifuged off, and the active compds. contaminated with some inactive proteins pptd. at pH 4. Adjusting the pH to 6.5 removes some of the impurities. The mixt. of SK and SD is dissolved in slightly alk. buffer. The two enzymes could not be sepd. and the final yield was 60% for both (of the content of the medium); the prepn. is nontoxic and nonpyrogenic to mice and active clinically.

I. Z. Roberts

PAKULA, R.

Streptokinase production. Roman Pakuła, Marian Tyc, and Włodzimierz Walczak (P[redacted]d Hig., Warsaw). *Acta. Dotwiadczalna i Mikrobiol.* 6, 339-40(1954); cf. Christensen, *J. Clin. Invest.* 28, 103(1949).—Streptococcus 1140A is grown as described in preceding abstr. The whole culture is acidified to pH 3.5-4.0 and 0.75% Fuller's earth is added. After slow centrifugation the supernatant is discarded and the solid eluted with buffer pH 8.0-8.2 (1/20-1/10 vol. of original culture). After centrifugation the elution is repeated and the liquids are combined. The active components are pptd. by acidification, the ppt. is washed with acid and resuspended in phosphate or borate buffer pH 8.1. The insol. impurities are centrifuged off. The final product contains 01% of original streptokinase in the culture medium and 30% of the streptodornase. Its streptokinase activity is 90 Christensen units/1. 7. N, and 2500 units/mg. dry weight. The prepn. contains no P, and therefore no nucleoprotein. I. Z. Roberts



Pakula, R.

POLON

D. FAKULA,

F. FAKULA, F. RABOVSKY, [illegible] Antibiotic sensitiv[illegible] factor in spreading of antibiotic resistant staphylococci.

SO: Mezynarodni [illegible] Fourth Quarter [illegible].

PAKULA, R.

2

890. Erythrocyte-sensitising factor common to staphylococci and haemolytic streptococci. R. Pakuła and W. Walczak *Acta microbiol. polon.*, 1955, 4, 235—243 (Państwowy Zakład Higieny, Warszawa, Poland).—An account is given of the discovery and properties of the factor which is present in both haemolytic streptococci and staphylococci. The products from both types of bacteria have been shown to be identical. B. VINAY

765. PAKUŁA R., RABCZYŃSKA F., DOBRZAŃSKI W. T., EYSYMONTT I., SOSNOWSKA A., BUDZYNOWSKA J. and Z. Państwowego Zakł. Hig. i Zakł. Microbiol. i Hig. Akad. Med., Warszawa. *Wrażliwość na antybiotyki gronkowców izolowanych w różnych środowiskach. (Rola środowiska szpitalnego w rozsiewaniu opornych szczepów). Antibiotic sensitivity of staphylococci from various groups. Hospitalization as a factor in spreading antibiotic-resistant staphylococci MED. DOŚW. MIKROBIOL. 1955, 4 (399-407)

Antibiotic sensitivity of potentially pathogenic staphylococci isolated from young babies in pathological cases, from hospitalized patients with typhus and typhoid fever, from parturient women in a maternity hospital and from furuncles of miners undergoing ambulatory treatment, was investigated. On admission, the staphylococcal carrier rate in the female group was about 12%, in the typhus and typhoid fever group about 50%. At least half of the isolated strains on admission were penicillin-sensitive. On discharge the carrier rate of penicillin-resistant strains in the above-mentioned 2 groups was 66% and 90%. The infection of patients in hospitals with antibiotic-resistant staphylococci is related to the high carrier rate of resistant strains among the hospital staff. By means of phage typing it was observed that antibiotic-sensitive strains found on admission are replaced by resistant strains during hospitalization. This phenomenon of replacement is observed also in cases not treated with antibiotics; it seems therefore not to be connected with actual antibiotic treatment. While about 80% of staphylococci isolated in the hospitals were penicillin-resistant and many of them were multiple resistant, the amount of penicillin-resistant strains isolated from furuncles of non-hospitalized miners was only 12%.

Dobrzański - Warsaw (XX,4,7)

CHRAPOWICKI, Tadeusz; PAKULA, R.; PATZKOWA, T.; BUDZYNOWSKA, J.

Antistreptolysins in children with rheumatic fever. Pediat. polska 30 no.12:1137-1144 Dec 55.

1. Z Oddzialu Wewnetranego Miejskiego Szpitala Dzieciecego Nr. 1. w Warszawie. Kierownik Oddzialu: prof. dr. med. T.Chrapowicki i z Zakladu Ziarenkowcow Panstwowego Zakladu Higieny w Warszawie Kierownik: prof. dr. R.Pakula. Warszawa, Krakowskie Przedmiescie 16/18 m. 27.

(STREPTOLYSIN, antagonists
antistreptolysin in rheumatic fever in child)
(RHEUMATIC FEVER, diag.
antistreptolysin-O test in child)

PAHULA, R.

4 4E3d 4E2c

Production of pure therapeutically active hydroxide from technical aluminium sulphate. R. Pahula, A. Ostrzycki and J. Smoleński (*Acta polon. pharm.*, 1956, 13, 282).—Technical $Al_2(SO_4)_3$ (up to 1% Fe_2O_3) is converted to ammonia-alum and recrystallised from water to give uniform crystals almost free of Fe. The alum is treated with aq. NH_3 containing $(NH_4)_2CO_3$. The ppt. is filtered, washed with water and dried at a temp. <40°. Yield is ~ 80% of original Al_2O_3. The product is entirely sol. in HCl. B. LAKE.

1/1

NS

PAKULA, R.; PSTRAGOWSKA, W.; PAKULSKA, J.; OSWIECIMSKA, H.; RABCZYNSKA, F.; PURWASZEK, Z.

Course of scarlet fever in children treated with penicillin and hospitalized in general wards with normal admission of patients to wards. Pediat. polska 32 no.1:83-93 Jan 57.

1. Z Panstwowego Zakladu Higieny w Warszawie Dyrektor: prof. dr. med. F. Przesmycki i Miejskiego Szpitala Zakaznego Nr 1 w Warszawie Kierownik naukowy: prof. dr. J. Bogdanowicz. Adres: Warszawa, ul. Wolska 37, Klinika Chorob Zakaznych Dzieci.

(SCARLET FEVER, ther.
penicillin in non-isolated hosp. wards (Pol))
(PENICILLIN, ther. use
scarlet fever, in non-isolated hosp. wards (Pol))

EXCERPTA MEDICA Sec 4 Vol 12/10 Medical Microb. Oct 59

3086. TRANSFORMATION REACTIONS BETWEEN STREPTOCOCCI, PNEUMOCOCCI, AND STAPHYLOCOCCI - Pakuła R., Hulanicka E. and Walczak W. Dept. of Bacteriol., St. Inst. of Hyg., Warsaw - BULL. ACAD. POL. SCI. CL. 2 1958, 6/8 (325-328) Tables 2

Cross-transformation reactions to streptomycin resistance between pneumococci and streptococci (viridans streptococci, Streptococcus s.b.e and group H haemolytic streptococci) could easily be produced, both when these strains were used as recipients and as donors. The pneumococcus strain was also transformed by DNA extracts from Streptococcus salivarius and from haemolytic streptococci of groups C and H, but no transformation was observed when enterococci or staphylococci were used as donors. Of all the streptococcal strains tested, only Streptococcus s.b.e. type I/II and the strain Challis of group H were transformed to streptomycin-resistant strains by DNA extracts of a given streptomycin-resistant strain of staphylococcus.

Hulanicka - Warsaw

Pakula, R. and others.

Environmental conditions of transformation of pneumococci; the role of albumin. p. 97.

ACTA MICROBIOLOGICA POLONICA. (Polskie Towarzystwo Mikrobiologow. Sekcja Mikrobiologii Ogolnej, Rolniczej i Przemyslowej).

Warszawa, Poland, Vol. 7, no. 2, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959. Uncla.

PAKULA, R.

POLAND/Chemical Technology - Chemical Products and Their Application. Synthetic and Natural Mecicinal Substances. Galelicals and Dedicinal Forms. H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36005

Author : Pakula, R., Smolenski, J.
Inst : -
Title : A Method of Obtaining Stable Aluminum Acetate of a Basic Character for Medicinal Purposes.

Orig Pub : Acta polon. pharmac., 1958, 15, No 4, 297-299.

Abstract : In order to obtain a stable product, the following method is recommended: solid ammonium alums are dissolved with stirring, in a 12% aqueous solution containing 5.5 mols of NH_4OH per 1 mol of the alum, in 30 minutes, when the pH of the solution reaches 7, 1 mol of a 12% $(NH_4)CO_3$ solution is added, the reaction takes place at about 30° in 0.5-1 hour. The formed $Al(OH)_3$ is washed by 0.5% $(NH_4)CO_3$ and is added, with stirring, to CH_3COOH

Card 1/2

EXCERPTA MEDICA Sec 4 Vol 12/11 Med. Micro. Nov 59

3460. ALBUMIN AS SENSITIZING FACTOR IN TRANSFORMATION OF PNEUMOCOCCI TO STREPTOMYCIN RESISTANCE - Pakula R., Fluder Z., Walczak W. and Zakrzewski K. St. Inst. of Hyg., Warsaw - SCHWEIZ. Z. ALLG. PATH. 1958, 21/6 (1119-1126) Tables 4

Four serum albumin preparations were tested as factors 'sensitizing' pneumococcal cells for transformation to streptomycin resistance. One preparation containing a considerable amount of β-globulin (8%) and causing agglutination of R pneumococci in a concentration of 0.2% was effective. R agglutinins may be an essential factor in the transformation of R pneumococci to streptomycin resistance.

EXCERPTA MEDICA Sec 4 Vol 12/8 Med. Micro. Aug 59

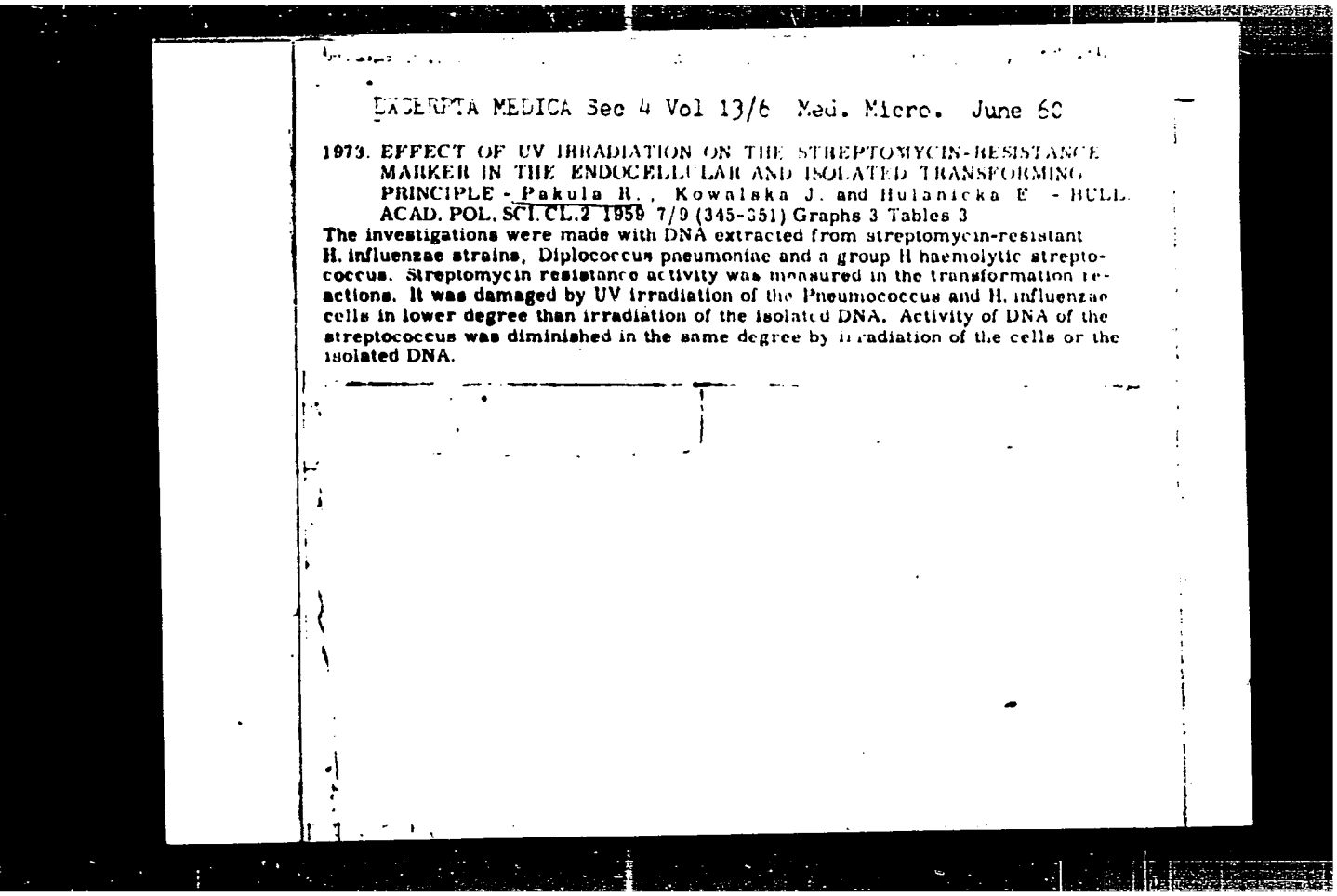
2298. PHAGE-RESISTANT VARIANTS OF GROUP A AND C BETA-HAEMOLYTIC STREPTOCOCCI - Über phagenresistente Varianten der Gruppen A und C hämolytischer Streptokokken - Pakula R. and Walczak W. Staatl. Inst. für Hyg., Warschau - ZBL. BAKT., I. ABT. ORIG. 1958, 171/8 (606-611) Tables 2

Phage-resistant variants were obtained from the group A strain 'Matthews' and the group C strain C4, 4 from the former and 2 from the latter strain. These variants did not react like the parent strains. One group A variant reacted with group C serum and its antiserum reacted with the group C strains. Another group A variant reacted with anti-sera of both group C variants and its antiserum reacted with both group C variant strains. All these variants had polysaccharides with relations of rhamnose and glucosamine different from those of the parent strains. The 2 remaining group A variants were anhaemolytic, reacted only with their own anti-sera, and they had polysaccharides containing galactose. De Moor - Utrecht

PAKULA, R.;HULANICKA, B.;WALCZAK, W.

Sensitivity to ultraviolet irradiation of the streptomycin-resistance activity in transforming DNA of different bacteria. Bul Ac Pol Biol. 7 no.6:217-222 '59 (MIRAI 9:6)

1. Department of Bacteriology, State Institute of Hygiene, Warsaw presented by J. Heller.
(Ultraviolet rays) (Streptomycin)
(Deoxyribonucleic acids) (Bacteria)



EXCERPTA MEDICA Sec 4 Vol 13/6 Med. Micro. June 60

1973. EFFECT OF UV IRRADIATION ON THE STREPTOMYCIN-RESISTANCE MARKER IN THE ENDOCELLULAR AND ISOLATED TRANSFORMING PRINCIPLE - Pakula R., Kowalska J. and Hulanicka E. - BULL. ACAD. POL. SCI. CL.2 1959 7/9 (345-351) Graphs 3 Tables 3

The investigations were made with DNA extracted from streptomycin-resistant H. influenzae strains, Diplococcus pneumoniae and a group H haemolytic streptococcus. Streptomycin resistance activity was measured in the transformation reactions. It was damaged by UV irradiation of the Pneumococcus and H. influenzae cells in lower degree than irradiation of the isolated DNA. Activity of DNA of the streptococcus was diminished in the same degree by irradiation of the cells or the isolated DNA.

PAKULA,R.; KOWALSKA,J.; HULANICKA,E.

Effect of ultraviolet rays on streptomycin-resistance index in the endocellular and isolated transforming principle. Cesk. epidem. mikrob. imun. 8 no.6:369-375 N '59.

1. Bakteriologicke oddeleni Statniho ustavu hygieny ve Varsave.
(STREPTOMYCIN pharmacol.)
(ULTRAVIOLET RAYS eff.)

PAKULA, R.

Soil improvements in the years 1959-1965. p. 56.

GOSPODARKA WODNA. (Naczelna Organizacia Techniczna) Warszawa, Poland.
Vol. 19, no. 2, Feb. 1959.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6,
June 1959
uncla.

EXCERPTA MEDICA Sec 4 Vol 12/11 Med. Micro. Nov 59

3537. TRANSFORMATION REACTIONS BETWEEN DIFFERENT SPECIES OF STREPTOCOCCI AND BETWEEN STREPTOCOCCI PNEUMOCOCCI AND STAPHYLOCOCCI - Pakula R., Hulanicka E. and Walczak W. Bacteriol Dept., State Inst. of Hyg., Warsaw - SCHWEIZ. Z. ALLG PATH. 1959. 22 2 (202-214, Tables 3

Eighty-three strains of streptococci and one strain of pneumococcus were exposed to DNA extracted from streptomycin-resistant streptococci, pneumococci, and staphylococci. Transformation to streptomycin resistance was produced with 'viridans' streptococci, S. sbe, and group H streptococci. The transformable streptococci incorporated DNA extracts of different species of streptococci and pneumococci. These extracts were also incorporated by the pneumococcus. Of all tested species, only S. sbe and group H streptococci were transformed by staphylococcal DNA.

PAKULA, R.; HULANICKA, E.; WALCZAK, W.

Inhibition of transformation in Streptococcus sbe by desoxyribonucleic acids of different origin. Bul Ac Pol biol 8 no.2:49-55 '60.
(EEAI 10:4)

1. Department of Bacteriology, State Institute of Hygiene, Warsaw. Presented by E.Mikulaszek.

(STREPTCCOCCUS)
(DEOXYRIBONUCLEIC ACIDS)

PAKULA, R.; HULANICKA-BANKOWSKA, E.; WALCZAK, W.

Photoreactivation of UV damaged streptomycin resistance marker in transforming DNA of streptococci and pneumococci. Bul Ac Pol biol 8 no.7:269-274 '60. (EEAI 10:4)

1. Department of Bacteriology, State Institute of Hygiene, Warsaw. Presented by E.Mikulaszek.

(PNEUMOCOCCUS)
(STREPTOCOCCUS
(DEOXYRIBONUCLEIC ACIDS)
(UTLRAVIOLET RAYS)

KOWALSKA, Janina; PAKULA, Roman

Attempted isolation of resistant to ultraviolet rays strains of Streptococcus and Diplococcus pneumoniae. Med.dosw.mikrob. 12 no.2:125-129 '60.

1. Z Zakladu Bakteriologii PZH w Warszawie.
(ULTRAVIOLET RAYS)
(STREPTOCOCCUS)
(DIPLOCOCCUS PNEUMONIAE)

PAKULA, R.; WALCZAK, W.; SHUGAR, D.

Inactivation of the streptomycin resistance markers of three species of bacteria by ionizing radiation. Acta biochim. polon. 8 no.4:413-425 '61.

1. Departments of Microbiology and Biochemistry, State Institute of Hygiene, Warszawa
(STREPTOMYCIN) (ULTRAVIOLET RAYS)
(DESOXYRIBONUCLEIC ACID metab) (RADIATION EFFECTS)
(BACTERIA radiation eff)

PAKULA, R.; HULANICKA-BANKOWSKA, E.

Streptomycin and dihydrostreptomycin resistance marker of two transformable strains of Streptococci. Bul Ac Pol biol 9 no.2: 79-85 '61. (KEAI 10:9/10)

1. Department of Microbiology and Hygiene, School of Medicine, Warsaw, and Department of Bacteriology, State Institute of Hygiene, Warsaw. Presented by E. Mikulaszek.

(STREPTOMYCIN) (STREPTOCOCCUS)