

WITNESSKELJ.

BC

Inhibitive action of intestinal dialysates on the gastric secretion. J. WALAWSKI (Med. Dozwiad., 1930, 11, 348-372).—Injection into man or dogs of dialysates from Ringer-Locke's fluid of the appendix and large intestine inhibits the secretion of gastric juice taking place under the action of histamine or secretin; this effect persists during 8 hrs. The effect is not obtained by injection of acid dialysates. The active factor is thermostable, but disappears on keeping. R. TRUSZEWSKI.

**AIR-SEA METALLURGICAL LITERATURE CLASSIFICATION**

EDWARD DONALD

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

WALAWSKI, J.

The antagonism between trypsin and insulin. ZOTKOWA, AWIDOW AND JULIAN WALECKI. *Med. Doswiadczenia i Spoleczen* 13, 1-24 (1951). (In Russian, French)

**Abstract.**—Insulin (I) lowers the tone of isolated rabbit intestine. Trypsin (II) restores the movements arrested by I. I and II when mixed have no effect. Boiled I arrests the intestinal movements, but boiled II does not restore them. A mixt. of I and II boiled arrests the movements. I arrests the digestion of casein by II, this action being independent of the  $\text{pH}$ . It is possible that the antagonism between I and II is due to a combination of the two rather than to the destructive action of II upon I.

T. H. RINEHART

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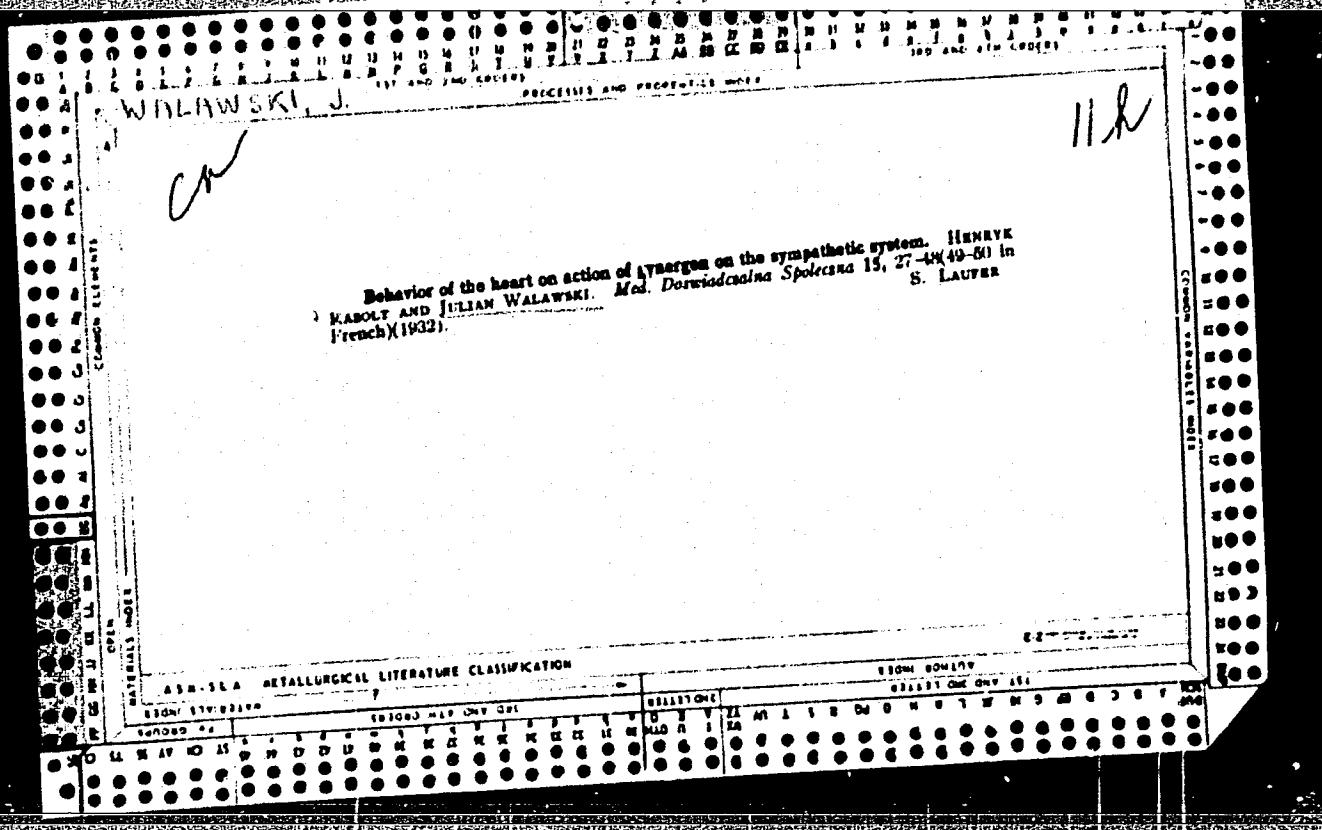
116

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

11046 83-6174

**APPROVED FOR RELEASE: 09/01/2001**

CIA-RDP86-00513R001961430005-2"



WHLAWSKI J.

**Vagus stimulation and chemical transmission of nervous impulses.** J. Walawski and B. Zawadzki. *Acta Biol. Expl. (Warsaw)* 12, 719-724 (1958).—Intravenous injections of eserine (0.15 mg. per kg. body wt.) and of ergotamine (1 mg. per kg.) into dogs under chloralose anesthesia or into decerebrate dogs increase the  $T$  wave of the electrocardiogram; this enlarged  $T$  wave is reduced by cutting the vagi. Acetylcholine (5  $\mu$  per kg.) increases the  $T$  wave; 10-100  $\gamma$  per kg. lowers the  $T$  wave, previously increased by eserine or ergotamine. H. C. P. A.

## ASD-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/01/2001

**CIA-RDP86-00513R001961430005-2"**

WALAWSKI, J. Niszczacy wplyw wojny i odradzajacy wplyw pokoju na nauke polska  
Destructive influence of war on Polish medical science and its renaissance in  
peace time Polski Tygodnik Lekarski, Warsaw 1949, 4/29-30 (877-879)

During the German occupation in Poland, while the enemy was destroying all scientific and medical centres and men, there were individuals who secretly continued the work of medical research. A great number of their papers were published soon after the Germans' withdrawal. The most important were those in the field of typhus fever. The author describes the renaissance of Polish medical science and quotes several statements of the Polish scientists about the fatal influence of war on the development of science, the significance of peace in scientific and medical research and the role of the Soviet Union in the field.  
Hirschfeld-Wroclaw

SO: MEDical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

WALAWSKI, J.

The cortico-visceral reaction as a conditioning factor in the work efficiency of the organism. Acta physiol. polon. 3: Suppl. 3;36-42 1952. (CIML 24:1)

1. Of the Institute of General and Experimental Pathology (Head--Prof. J. Walawski, M.D.) of Warsaw Medical Academy.

WALAWSKI, J.

Life and socio-medical and academic activities of professor doctor  
of medicine Klemens Gerner. Polski tygod. lek. 7 no.50:1669-1673 15  
Dec 1952.  
(CLML 24:2)

1. Obituary.

WALAWSKI, Julian

Scientific contributions of prof. Dr. Maciwoj Semerau-Siemianowski.  
Kardiol. polska 1 no.3-4:7-13 1955.

1. Akademia kuczci prof. dr. med. Maciwoja Semerau-Siemianowskiego.  
(OBITUARIES,  
Semerau-Siemianowski, Maciwoj (Pol))

WALAWSKI, Julian

Investigations on primary cause of hypotensive action of histamine. Acta physiol.polon.6 no.3:251-255 1955.

1. Z Zakladu Patologii Og. i Dows. A.M. w Warszawie. Kierownik:  
prof. dr J. Walawski.

(HISTAMINE, effects,  
hypotensive, mechanism)

(BLOOD PRESSURE, effect of drugs on,  
histamine, mechanism of hypotensive action)

WALAWSKI, J.

EXCERPTA MEDICA Sec.6 Vol.10/9 Internal Medicine Sept 50

5591. WALAWSKI J. Z Odd. Kardiol. Szpit. Nr. I, Warszawa; Zakl. Patol. Ogólnej, i Doksztalczalnej A. M., Warszawa. "W sprawie mechanizmu powstawania rozkurczu przedsiękowo-komorowego w przebiegu zawału serca".  
The mechanism of the atrio-ventricular block in the course of myocardial infarction POL. TYG. LEEK. 1955, 10/40  
(1301-1362)

In several cases of infarction with partial A-V block the signs of block disappeared following administration of atropine or belladonna. The main cause of partial block in the course of infarction is thought to be the pathological excitation of the vagal nerve.  
Japa - Cracow

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2

WALAWSKI, J.

"Fizjologia patologiczna" (Pathological physiology), by J. Welawski.  
Reported in New Books (Nowe Ksiazki), No. 14, July 15, 1955

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

WALAWSKI, Julian

Electrocardiographic changes in multiple painless myocardial infarcts. Polski tygod. lek. 11 no. 40:1706-1708 1 Oct 56.

1. (Z Oddzialu Kardiologicznego Szpitala Miejskiego nr 1 w Warszawie; ordynator: prof. dr. Julian Walawski i z Zakladu Patologii Ogolnej Doswiadczałek A.M. w Warszawie; kierownik: prof. dr. Julian Walawski) Adres: Warszawa, ul Kasprzaka 17.  
(MYOCARDIAL INFARCT, diagnosis.  
ECG in multiple painless infarcts (Pol))

WALAWSKI, Julian

Physiological and pathological compensation from the parasympathetic nervous system in shock. Acta physiol. polon. 9 no.1:75-81 1958

1. Z Zakladu Patologii Ogolnej i Doswiedzialnej A.M. w Warszawie.  
Kierowniki: prof. dr J. Walawski.

(SHOCK, physiology,

parasympathetic nervous system, compensatory funct. (Pol))  
(PARASYMPATHETIC NERVOUS SYSTEM, in var. dis.  
shock, compensatory funct. (Pol))

WALAWSKI, Julian (Warszawa, ul Bartoszewicza 11)

Historical perspectives of the development of pathological physiology. Polski tygod. lek. 13 no.5:186-192 3 Feb 58.

1. Z Zakladu Patologii Ogolnej i Doswiadczonej A. M. w Warszawie;  
kierownik: prof. dr nauk Julian Walawski.

(PHYSIOLOGY  
physiopathol., hist. note (Pol))

WALAWSKI, Julian (Warszawa, ul. Bartoszewicza 11 n. 2.)

Post-traumatic shock as a specific reaction of neurovegetative  
disorders. Polski tygod. lek. 13 no.7:241-245 17 Feb 58.

1. Z Zakladu Patologii Ogolnej i Doswiadczonej Akademii Medycznej w  
Warszawie; kierownik: prof. dr Nauk Julian Walawski.  
(AUTONOMIC NERVOUS SYSTEM, wds. & inj.  
post-traum, shock (Pol))

(SHOCK  
post-traum., after autonomic NS inj. (Pol))

WALAWSKI, J.

Serotonin as a regulator of autonomic tonus. Acta physiol. polon.  
10 no.2:278-279 Mar-Apr 59.

1. Z Zakladu Patologii Ogolnej i Dosw. A. M. w Warszawie Kierownik:  
prof. dr J. Walawski.

(SEROTONIN, eff.

on autonomic NS tonus (Pol))

(AUTONOMIC NERVOUS SYSTEM, eff. of drugs on,  
serotonin, on tonus (Pol))

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2

WALAWSKI, J.

D. A. Orbelli. Acta physiol. polon. 10 no.6:755-757 II-D '59.  
(OBITUARIES)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

WALAWSKI, Julian, prof. dr.

Knowledge of primitive man about causes and development of diseases.  
Problemy 19 no.5:288-291 '63.

1. Kierownik Zakladu Patologii Ogolnej i Doswiadczennej, Akademia  
Medyczna, Warszawa.

WALAWSKI, Julian

The problem of animal experimentation. Polski tygod. lek. 14 no.40:  
1802-1812 5 Oct 59.

1. (Z Zakladu Patologii Ogolnej i Doswiadczałnej Akademii Medycznej  
w Warszawie; kierownik: prof. dr Julian Walawski).  
(VIVISECTION) (ANIMALS LABORATORY)

WALAWSKI, Julian

Physiological mechanisms in arteriosclerosis. Acta physiol pol 12  
no.2:319-329 '61.

1. Z Zakladu Patologii Ogolnej i Doswiadczonej A.M. w Warszawie  
Kierownik: Prof. dr J. Walawski.  
(ARTERIOSCLEROSIS physiol)

P/048/62/000/002/001/008  
I004/I204

AUTHOR: Walawski, Julian, Prof., Dr. of Medicine

TITLE: The role of biology and medical sciences in astronautics

PUBLICAL: Astronautyka, no. 2, 1962, 5 - 6

TEXT: Development of technical means of space travel is more advanced than the solution of biological and medical problems connected with prolonged stay of man in space. Large accelerations, vibrations, high-intensity noise, weightlessness, low gas pressure, extremal temperature differences, radiation of different kinds and other unknown factors affect the astronauts' biological and psychological activity during all stages of the flight. Biological and physiological research should establish the mechanism of changes which occur in human organism under action of all these factors. The importance of space medicine for astronautics induced the Polish Astronautical Society to form a biological section.

Card 1/2

WALAWSKI, Julian, prof. dr; KALETA, Zbigniew, adiunkt dr

Bio astronautical symposium in Paris. Problemy 18 no.12:892-894  
'62. Problemy 18 no.12:892-894 '62.

1. Kierownik Katedry Patologii Ogólnej, Akademia Medyczna, Warszawa  
(for Walawski). 2. Katedra Patologii Ogólnej, Akademia Medyczna,  
Warszawa (for Kaleta).

VASYAVSKIY, Yu.V. [Walawski, J.], prof., doktor med. nauk

Fifty years of vitaminology. Klin. med. 40 no.11:139-141 N°62  
(MIRA 16:12)

1. Zaveduyushchiy kafedroy obshchey patologii Meditsinskoy  
Akademii v Varshave.

L 18841-63

ES(k)/ES(t)-2 EWT(1)/FCC(w)/FS(v)-2/BDS/EEC-2/EEO-2/ES(v)/ES(a)/ES(j)/ES(c)/  
TT/A/RD/DD AMD/AFFTC/AS!/AFMDC/ESD-3/APGC Pe-4/Pb-4/Pt-4/Po-4/Pq-4  
P/0048/63/000/002/0002/0004

ACCESSION NR: AP3003576

100  
97AUTHOR: Walawski, Julian

TITLE: Unsolved problems of space physiology

SOURCE: Astronautyka, no. 2, 1963, 2-4

TOPIC TAGS: radiation belt, neurohormone serotonin, dianabol, weightlessness, sensory analyzer, labyrinthine system, time rhythm, adrenergic system

ABSTRACT: Author briefly describes the three radiation belts, radiation diseases, the physiological, genetic and lethal effects of radiation. If such ailments originated during cosmic flight, man would never reach any other planet. The total radiation measured inside the cabin of the 2nd Soviet spaceship was ten billion per day, not yet enough to damage tissues, and no radioactivity was found in objects. But the accumulation would kill an astronaut on a much longer trip (over 14 days, some estimate). The neurohormone serotonin in the blood, which performs important regulatory functions, drops after cosmic flights. It protects the organism from harmful radiation, obviously within proper limits. Its mechanism demands more thorough study. Research has been done in Poland into the effect of

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L 18841-63  
ACCESSION NR: AP3003576

2

certain pharmacologic substances (including dianabol) that may protect the organism from harmful radiation. Discovery of disturbances of the functions of the organism due to weightlessness requires tests lasting much longer than heretofore if man is to travel in an uninterrupted weightless condition for much longer periods. Virtually total weightlessness (1/100 of the weight on earth) begins only at 57,600 miles from the earth. The scant data in the literature prompted the author together with Dr. Z. Kaleta to make their own study of the effect of relative weightlessness on the circulation in rabbits by the immersion method. The narcotized rabbits were submerged completely in a basin of 1% sodium chloride solution at 34--35°C without touching bottom and with breathing apparatus. No changes in circulation during 24-hour weightlessness were noted. The best protection would appear to be creation of artificial gravitation in the cabin. The monotonous pap food hitherto eaten by astronauts seems physiologically unsuited to a flight lasting weeks or months. The food must be such as to fully maintain the nervous and humoral mechanisms of the gastric juices and digestive movements, which are stimulated by taste and chewing. Still unstudied is the effect on the

Card 2/3

L 18841-63  
ACCESSION NR: AP3003576

digestive processes of such harmful factors as acceleration, vibration, weightlessness, temperature fluctuations, etc. The paper comments briefly on plants and animals (chickens, rabbits) that might provide oxygen and food, but points to weightlessness as the big obstacle here. Under terrestrial conditions, the adrenergic nervous system exerts greater pressure during the day; the cholinergic system, during the night; the body temperature is lower in the morning than in the evening. But day and night may alternate rapidly in space. It must not be forgotten that all the harmful space-flight factors act jointly, not singly, thus making a study of their effect on the organism still much more difficult. The physiological research methods that can be applied to cosmic conditions are very inaccurate. Physiologists and pathophysicists should be trained to accompany astronauts in future space flights. Orig. art. has: no graphics.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 05Aug63

ENCL: 00

SUB CODE: AM

NO REF Sov: 000

OTHER: 000

Card 3/3

WALAWSKI, Julian, prof.

Problems on the physiology of the growing old of the human  
organism. Nauka polska 11 no.2:35-42 Mr-Ap '63.

[POLAND

WALAWSKI, Julian [Presumed: Department of General and Experimental Pathology (Zaklad Patologii Ogolnej i Doswiadczonej), AM [Akademia Medyczna, Medical Academy] in Warsaw.

"The Role of Medicine in Astronautics."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 13, 25 Mar 63,  
Pp 482-485.

Abstract: Speech on the occasion of opening of the 1962/63 school year discusses the aspects of man's harmless survival through space flights and the contributions of medicine to achievements to date. It reviews the findings in high-altitude flights relative to oxygen, decreased pressure, noise, acceleration, and on lesser known effects of ionization, and reports in more detail the author's own and other experiments and findings to date on the effects of weightless on the heart and circulation, which are minor, as well as on muscle tone and physical and psychic factors which reflect on the efficiency of man in space. There are no references.

1/1

WALAWSKI, Julian, prof. dr; KALETA, Zbigniew, dr

Biological research on cosmic space. Problemy 19 no.10:638-640  
'63.

WALAWSKI, Józef; RYZEWSKI, Jan

Autonomic peripheral vascular changes under the influence of  
x-rays. Acta physiol. Pol. 14 no.4:385-97 31-Ag '63.

1. Z Zakładu Patologii Ogólnej i Doświadczalnej Akademii Medycznej  
w Warszawie (kierownik: prof. dr. J. Walawski).

WALAWSKI, Julian; KALETA, Zbigniew

Some circulatory reactions during the course of prolonged weightlessness produced by the immersion method. Acta physiol. Pol. 14 no.4:399-403 Jl-Ag '63.

1. Z Zakladu Patologii Ogolnej i Doswiadczeniowej Akademii Medycznej w Warszawie (Kierownik: prof. dr. J. Walawski)  
1 z Wojskowego Instytutu Medycyny Lotniczej, Izby Patofizjologii (Kierownik: prof. dr. J. Walawski).

WALAWSKI, Julian

Physiological principles of the space flight and human life in  
space. Acta physiol. Pol. 15 no.4:suppl.:23-32 '64

1. Zaklad Patologii Ogolnej i Doswiadczonej Akademii Medycznej  
w Warszawie (Kierownik: prof. dr. J. Walawski).

121.32.65 EPO-7/EPO(3)/FS(6)/FS-2/FS(1)/EP(6)/FS(7)-3/FS(8)-2/FS(9)

1964-1965  
Idee-1, 1-44 P/DL RL, IR, AC

ACCESSION NR: AP4049124

P/0056/64/016/005/P023/P031

AUTHOR: Walawski, J. (Director, Doctor Professor)

TITLE: Physiological basis of space flight and human life in outer space

REFERENCE: Vata press, Moscow, 1964, 1 p. 120

TOPIC TAGS: interplanetary flight, radiation protection, food supply, cosmic radiation, Vostok 3, weightlessness, manned space flight, Vostok 4

ABSTRACT: A general review is presented of the technical, biological and medical

problems of space flights. The author discusses the problems of the biological effects of various types of radiation on man.

The author also discusses the problem of the biological effect of radiation on man through the total radiation dose measured by Soviet宇航员 about 1000 rads which is not harmful to the organism. The author also mentions the

L 32436-65

ACCESSION NR: AP4049194

Flight of Soviet astronauts in the Vostok-3 and -4, in which samples of wheat, bacteria, and other living organisms were taken into space and their living abilities were tested. It was found that all the plants and bacteria survived.

radiation are mentioned. Other problems, such as weightlessness and its effect on the

BOREJKO-CHODKIEWICZ, Kazimierz; MIKOŁAJCZYK, Wanda; SADOWSKI, Zygmunt;  
WALC, Jan

Osmotic characteristics of the urine as a measurement of con-  
centration capacity of the kidney in certain pathological condi-  
tions. Polskie arch.med.wewnetrz. 30 no.1:27-37 '60.

1. Z IV Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:  
prof.dr.med. Z. Askanas.  
(KIDNEY FUNCTION TESTS)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2

WALCERZ, H., inz.; KOBUS, W., inz.

Technology of the sewer stoneware for burning temperatures up to  
1100°C. Szklo 12 no. 9:286-288 S '61.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

BUJAKOWA, Wanda; WALCERZ, Lucyna

Polish-made solvents for liquid plant protecting agents; testing  
solubility. Przegm chem 41 no.10:587-589 0 '62.

1. Instytut Przemyslu Organicznego, Warszawa.

BUJAKOWA, Wanda, mgr inz.; WALCERZ, Lucyna, inz.

Petrochemical raw materials in the service of agrochemistry. Pt. 2.  
Nafta Pol 19 no.1:16-20 Ja '63.

1. Instytut Przemyslu Organicznego, Warszawa.

WALCOK, F.; DOSTAL, J.

On the problem of anesthesia in newborn infants with esophageal atresia. Rozhl. chir. 42 no.8:548-551 Ag '63.

1. Chirurgicks oddeleni krajske nemocnice v Ostrave, vedouci  
doc. dr. K. Typovsky, CSc.  
(ESOPHAGEAL STENOSIS) (ANESTHESIA, ENDOTRACHEAL)  
(ANESTHESIA) (PNEUMONIA) (TUBOCURALINE)  
(NEOSTIGMINE) (SUCCINYLCHOLINE)  
(INFANT, NEWBORN, DISEASES)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2

KODER, J.; PASTOROVA, J.; WALCOK, F.

Prevention in anesthesiology. Rozhl. chir. 44 no.8:592-594  
Ag '65.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

WALCOWA, R.

MILEWSKI, Boguslaw; WALCOWA, Boza; STARZYNSKI, Stefan

Case of gastrointestinal granuloma fungoides. Polski tygod. lek.  
9 no.32:1005-1011 9 Aug 54.

1. Z Kliniki Dermatologicznej A.M. w Warszawie; kierownik prof.  
dr med. St.Jablonska, z III Kliniki Chorob Wewnętrznych A.M. w  
Warszawie, kierownik: prof. dr med. J.R.Wegierko, z Zakładu  
Anatomii Patologicznej A.M. w Warszawie; kierownik: prof. dr med.  
L.Paszkiewics.

(GASTROINTESTINAL SYSTEM, neoplasms,  
mycosis fungoides, case report)

(MYCOSIS FUNGOIDES,  
gastrointestines, case report)

GNAT, T.; WALCZAK, B.; WIERZBICKI, T.; ZIMNY, S.

Preliminary results of chlorprothixene therapy of mental patients. Neurol. neurochir. psychiat. pol. 13 no.1:103-106 '63.

1. Szpital dla Nerwowo i Psychicznie Chorych w Kochanowce  
Dyrektor: dr T. Wierzbicki.  
(CHLORPROTHIXENE) (PSYCHOSES, INVOLUNTIONAL)  
(SCHIZOPHRENIA) (MENTAL DISORDERS)

WALCZAK, E.; WIENIAWSKI, W.

Synthesis of glucosyloxystilbenes. Bul chim PAN 12 no.12:823-  
826 '64.

1. Department of New Drugs of the Drug Institute, Warsaw.  
Submitted October 15, 1964.

HALCZUK, Edmund, agr. inz.

Methods of testing the switch arming time in electric couplers.  
Przegl elekrotechn 41 no.21/54-55 p. 165.

1. Department of Electric Apparatus of the Lodz Technical University.

WALECZAK H.

POL.

3350

804.84/85 : 621.383.4

Charlamowicz Z., Waleczak H. The Use of Ultraviolet Rays in Fruit and Vegetable Products.

„Promieniowanie nadfioletowe w przetwórstwie owocowo-warzywnym”.  
Przemysł Hulny i Spływezy. No. 2, 1951, pp. 45-49, 7 figs., 4 tabs.

The Institute of Fruit and Vegetable Technology at Poznań has carried out experiments dealing with the preservation of fresh fruit by means of ultraviolet rays. Grapes, apples, gooseberries, cherries, currants, plums and tomatoes were tested by being exposed, for from 1/2 to 10 minutes at a distance of from 18 to 35 cm, to rays of a quartz lamp of the „Original-Hanau S-500” type. The results were positive, increasing the keeping quality of fruit by from 1.7 to 3.5 times. The best results were obtained with grapes, apples, gooseberries and cherries.

POLAND / Chemical Technology. Food Industry.

H-28

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79360.

Author : Wierszylowski, J., Rusek Z., Wituszynski, Z.,  
Charlampowicz, Z., Walczak, H.

Inst : Not given.

Title : The Productivity and the Technological Value of  
Ten Varieties of Raspberries at a Starting Period  
of Fruit-Bearing on a Plantation.

Orig Pub: Roczn. nauk Rolniczych, 1957, A 77, No 1,  
131-159.

Abstract: No abstract.

Card 1/1

80

WALCZAK, J.

Vacuum pumps in the papermaking industry. p. 328.  
Vol 11, no. 11, Nov. 1955. PRZEGLAD PAPIERNICZY. Lodz, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

WALCZAK, J.

"Biology of Perch." P. 1, (GOSPODARKA RYBNA, Vol. 5, No. 9,  
Sept. 1953. Warszawa, Poland.)

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

WALCZAK, J.

"The Ablen in the Lakes of West Pomerania." p. 6, (GOSPODARKA RYBNA, Vol. 5, no. 2, Febl 1953, Warsaw, Poland).

SO: Monthly List of East European Accession, Lib of Congress, Vol 2, no 19 Oct. 1953, Uncl.

WALCZAK, J.

Shall we build spawning centers for lakes? p. 14.  
How to prevent the turning of the wings of dragnets. p. 15.

GOSPODARKA RYBNA, Vol. 7, no. 12, Dec. 1955.

POLAND

SOURCE: EAST EUROPEAN ACCESSIONS LIST LC Vol. 5, no. 7, 1956, August.

WALCZAK, J.

WALCZAK, J. Stocking lakes with carp. p. 6. GOSPODARKE RYBNA  
Warszawa, Poland Vol. 8, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6,  
June 1956

WALCZAK, J.

Causes of fish migration. p. 1.  
(GOSPODARKA RYBNA, Vol. 8, no. 10, Oct. 1956, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Unclassified

Applied Mechanics  
Reviews

WALCZAK, J.

9

223. J. Walczak, Tangential tensions in oblique sections (in Polish), Arch. Mech., Riw. 1, 191-202 (1949). Usually the shear stress on an arbitrary element is expressed as a difference between the total and normal tensions. The author expresses it in terms of the six components of the stress tensor, and discusses simplifications in special cases. W. Cholewiak, Poland

, 1950

WALCZAK, J.; ZYCZKOWSKI, M.

A new method of computing the dimensions of bars with considerable curvatures. p.23  
(ARCHIWUM BIUŁOWY MASZYN. Vol. 4, No. 1, 1957. Warszawa, Poland)

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

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2

WALCZAK - JANISZ

Am azy

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961430005-2"

WALCZAK, Janusz, prof. mgr. inz.

The Polish Association of Theoretical and Applied Mechanics.  
Przegl mech 21 no.9/10:311-312. 10-25 Ky '62.

1. Przewodniczący Krakowskiego Oddziału Polskiego Towarzystwa  
Mechaniki Teoretycznej i Stosowanej, Krakow.

WALCZAK, Mieczyslaw; WŁODARSKI, Bronislaw

Hypothalamic dysfunction, hypotrophy and early development of some sex characteristics at 20 months old girl. Wiad. lek. 18 no.18:1467-1469 15 S '65.

1. Z II Kliniki Chorob Dzieci AM w Poznaniu (Kierownik: prof. dr. med. O. Szczepski) i z Wojewodzkiego Szpitala Dziec. w Zielonej Górze (Dyrektor: dr. med. Z. Pieniezny).

PIENKOWSKA-MIKOLAJCZYK, Jolanta; BARON, Jozef; WALCZAK, Mieczyslaw

Unusual case of precocious puberty. Pediat.polska 35 no.2:205-210  
F '60.

1. Z II Kliniki Chorob Dzieci A.M. w Poznaniu. Kierownik: doc.dr.  
med. O. Szczepski i z I Kliniki Poloznictwa i Chorob Kobiecych  
A.M. w Poznaniu. Kierownik: doc.dr.med. W. Michalkiewicza.  
(OVARY neopl.)  
(PUBERTY PRECOCIOUS etiol.)

WALCZAK, M.; PIENKOWSKA-MIKOLAJCZYK, J.

A case of a rare feminizing tumor of the ovary - interstitiooma ovarii. Acta medica polona(Warszawa) 1 no.3/4:197-202 '60.

1. From the Department of Normal Histology and Embryology of the Medical Academy in Posen Director: Professor Z. Kurkiewicz M.D. and The II Pediatrical Clinic of the Medical Academy in Posen Director: Docent O. Szczepski M.D.

(LEYDIG CELL TUMOR case reports) (OVARIES neopl)

HIEROWSKI, Marian; ROSSOWSKI, Wojciech; WALCZAK, Mieczyslaw

Changes in sodium and potassium values in the erythrocytes and blood serum during the course of experimental scurvy in guinea pigs. Pat. polska 12 no. 2:129-135 '61.

1. Z Zakladu Chemii Fizjologicznej A.M. w Poznaniu Kierownik: prof. dr Z. Stolzmann Z Zakladu Histologii Prawidlowej i Embriologii A.M. w Poznaniu Kierownik: prof. dr T. Kurkiewicz

(SCURVY exper)  
(SODIUM blood)  
(POTASSIUM blood)  
(ERYTHROCYTES metab)

KOZIK, Miroslaw; WALCZAK, Mieczyslaw

Epilepsy and diabetes of hypothalamic origin in a 5-year-old child.  
Endodr. pol. 12 no.5:551-561 '61.

1. Klinika Neurologiczna AM w Poznaniu Kierownik: Prof. dr A.Dowzenko  
II Klinika Chorob Dziecięcych w Poznaniu Kierownik: Doc. dr  
O.Szczepski.  
(HYPOTHALAMUS dis) (EPILEPSY etiol)  
(DIABETES MELLITUS etiol)

WALCZAK, M.; TASZYCKA, K.; BINKOWSKA-FELLMANN, K.; RUCKA, A.

Behavior of hypothalamic neurosections in water metabolism disorders  
in infants. Pediat. pol. 36 no.6:627-632 '61.

11.2 II Kliniki Chorob Dzieci AM w Poznaniu Kierownik: doc. dr med.  
O. Szczępski i z Wojewodz. Specjalist. Szpitala Dziecięego w Poznaniu  
Dyrektor: dr med. M. Stabrowski.  
(HYPOTHALAMUS pathol) (INFANT NUTRITION DISORDERS pathol)

MIETKIEWSKI, Kazimierz; CYMERYS, Zbigniew; RUCKI, Tadeusz; WALCZAK, Mieczyslaw

Contributions to histochemical studies on the embryonic testis.  
Acta med. pol. 3 no.4:293-305 '62.

1. Department of Normal Histology and Embryology, Medical Academy,  
Poznan. Director: Prof. Dr. Mietkiewski I Obstetrical and Gynecological  
Clinic, Medical Academy, Poznan. Director: Prof. Dr W. Michalkiewicz.  
(TESTIS) (ASCORBIC ACID) (FETUS) (LIPIDS)  
(RIBONUCLEIC ACID) (GLYCOGEN) (PHOSPHATASES)

WALCZAK, Mieczyslaw; PAWLACZYK, Jerzy

Behavior of the neurosecretion in infants with signs of whooping  
cough encephalopathy. Endodr. pol. 13 no.1:6-13 '62.

1. Zaklad Histologii i Embriologii A.M. w Poznaniu Kierownik: prof.  
dr K.Mietkiewski Zaklad Anatomii Prawidlowej A.M. w Poznaniu Kierownik:  
prof. dr J.Kolaczkowski Wojewodzki Szpital Dzieciecy w Poznaniu

Dyrektor: Dr med. M.Stabrowski.

(HYPOTHALAMUS physiol) (BRAIN dis)  
(WHOOPING COUGH compl)

WALCZAK, Mieczyslaw; TASZYCKA, Krystyna; BINKOWSKA-FEJLMAN, Krystyna

Role of the neurosecretory system in water metabolism in newborn and older infants. Endokr. pol. 13 no.5:533-542 '62.

1. II Klinika Chorob Dziecięcych AM w Poznaniu. Kierownik: prof. dr O. Szczepski. Zakład Histologii Prawidłowej i Embriologii AM w Poznaniu. Kierownik: prof. dr K. Mietkiewski.  
(WATER ELECTROLYTE BALANCE) (PITUITARY GLAND POSTERIOR)  
(HYPOTHALAMUS) (INFANT NEWBORN)

SZCZEPSKI, Olech; WALCZAK, Mieczyslaw; MIKOŁAJCZYK, Jolanta

Treatment of cryptorchism with gonadotropin. Endokr. pol. 13 no.5:  
555-558 '62.

1. II Klinika Chorob Dziecięcych AM w Poznaniu (Poradnia Endokrynologiczna).  
Kierownik: prof. dr O. Szczepski Wojewódzka Przychodnia Higieny Szkolnej  
w Poznaniu. Dyrektor: dr med. A. Jankowiak Wojewódzka Przychodnia  
Specjalistyczna w Poznaniu. Dyrektor: dr med. J. Wojtczak.  
(CRYPTORCHISM) (GONADOTROPINS CHORIONIC)

MIETKIEWSKI, Kazimierz, prof. dr.; WALCZAK, Mieczyslaw, CYMERYS, Zbigniew,  
RUCKI, Tadeusz

Histogenesis of the human testicle in postnatal life. Folia  
morphol. 22 no.3:209-223 '63

1. Zaklad Histologii Prawidlowej i Embriologii, Akademia Me-  
dyczna, Poznan, (Kierownik: prof.K.Mietkiewski) I Klinika Po-  
loznictwa i Chorob Kobiecych, Akademia Medyczna, Poznan  
(Kierownik: prof. dr. W.Michalkiewicz).

\*

WALCZAK, Mieczyslaw; KOPACZYK, Franciszek

Changes in the ovaries of the guinea pig during experimental  
study. Folia morphol. 22 no.3:225-231 '63

1. Zaklad Histologii Prawidlowej i Embriologii, Akademia Medyczna,  
Poznan. Kierowniki: prof.dr. K.Miekiewski.

\*

PIENKOWSKA-MIKOLAJCZYK, Jolanta; WAIKWAJ, Nieczyslawa

Congenital adreno-genital syndrome and cystic ovaries observed in a 5 1/2-year-old child. Pediat. vol. 39 no. 5:593-597.

Precocious puberty in a 3 1/2-year-old boy. Ibid.:599-602

1. z II Kliniki Chorob Dzieci Akademii Medycznej w Warszawie.  
(Kierownik: prof. dr. med. O. Szczepski).

PIETA-POLOWSKI, Eugeniusz; WALCZAK, Mieczyslaw; WOJCIECHOWSKI, Kazimierz

Role of adrenal histological changes in arteritis obliterans  
and in Raynaud's disease. Pol. przegl. chir. 35 no.10/11:  
1024-1026 '63.

1. Z Zakladu Histologii Prawidlowej i Embriologii AM w Poznaniu  
Kierownik: prof. dr K. Mietkiewski z I Kliniki Chirurgicznej  
AM w Poznaniu Kierownik: prof. dr S. Nowicki.

(THROMBOANGIITIS OBLITERANS)  
(RAYNAUD'S DISEASE) (ADRENAL CORTEX)  
(PATHOLOGY)

TWARDOSZ, Wladyslaw; WALCZAK, Mieczyslaw

Basement membrane in the development of the rabbit kidney. Rat.  
Pol. 15 no. 2a199-205 Ap.-Se '64

1. z I Kliniki Chirurgicznej Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr. med. St. Nowicki) i z II Kliniki  
Chorob Dziecięcych Akademii Medycznej w Poznaniu (Kierownik:  
prof. dr. med. O. Szczępski).

WCJCIECHOWSKI, Kazimierz; WALCZAK, Mieczyslaw; PIENKOWSKA-NIKOLAJCZYK,  
Jolanta

False cryptorchism. Ped. Pol. 39 no.11:1281-1288 N '64

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Poznaniu  
(Kierowniks prof. dr. S. Nowicki) i z II Kliniki Chorob Dzieci  
Akademii Medycznej w Poznaniu (Kierowniks prof. dr. med.  
O. Szczępski).

WALCZAK, Mieczyslaw MACIEJEWSKI, Janusz; FELLMANN, Krystyna; LEWANDOWSKA,  
Krystyna

Familial adrenogenital syndrome with salt depletion. Pediat.  
Pol. 40 no.8:825-830 Ag '65.

1. Z II Kliniki Chorob Dzieci AM w Poznaniu (Kierownik: prof.  
dr. med. O. Szczępski).

CHMIMLOWA, Maria; KOZIOWSKI, Kazimierz; SIKORSKA, Renata; WALCZAK,  
Mieczyslaw.

Precocious puberty in a 7-year-old girl with congenital syphilis.  
Endokr. Pol. 15 no. 6:611-616 N-D '64

1. II Klinika Chorób Dzieci Akademii Medycznej w Poznaniu  
(Kierownik prof. dr. C. Szczepołk).

MACIEJEWSKI, Janusz; WALCZAK, Mieczyslaw; WALIGORA, Aleksandra

Observations on kidney function in children with hypothalamo-hypophyseal nanism. Endokr. Pol. 16 no.3:257-267 My-Je'65.

1. II Klinika Chorob Dzieci Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr. O. Szczepski).

BARTKOWIAK, Kazimierz; WALCZAK, Mieczyslaw

Developmental defects in a 13 1/2-year-old body probably caused by threatened abortion. Pat. Pol. 15 no.4:535-541 C-D '64

1. z II Kliniki Chorob Dzieci Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr. med. O. Szczepski).

WALCZAK, P.

HYDRAULIC model tests with the use of air. p. 97

ARCHIWUM HYROTECHNIKI. (POLSKA AKADEMIA NAUK. INSTYTUT NUDOWNICTWA WODNEGO)  
Warszawa, Poland. Vol. 5, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8  
August 1959.

Uncl.

WALCZAK, T., AND OTHERS

WALCZAK, T., AND OTHERS Reserves of freight cars. (To be contd.) p. 339

Vol. 8, no. 9, Sept. 1956

PRZEGLAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

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

WALCZAK, T., and others

Reserves of freight cars. Pt. 2. p. 366.  
(PRZEGLAD KOLEJOWY. Vol. 8, no. 10, Oct. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

BOZEK, Eugeniusz; HRYNKIEWICZ, Andrzej Z.; WALCZAK, Tadeusz; ZAPALSKI,  
Grzegorz

Fast-slow coincidence circuit with time to pulse-height con-  
verter for a nanosecond range. Nukleonika 7 no.11:669-679  
'62.

1. Institute of Nuclear Physics, Krakow, and Institute of  
Physics, Jagellonian University, Krakow.

HRYNKIEWICZ, A.Z.; SZYMCZYK, St.; WALCZAK, T.; ZAPALSKI, G.; BALDEWEG, F.;  
STILLER, G.

Coulomb excitation of  $^{209}$  Bi nucleus with  $\alpha$ -particles.  
Inst fiz fadr report no.285:1-7 '63.

1. Instytut Fizyki Jadrowej, Krakow (for Hrynkiewicz, Szymczyk,  
Walczak, Zapalski). 2. Central Institute of Nuclear Physics,  
Rossendorf (for Baldeweg and Stiller).

~~VAL'CHAK~~ Tadeusz [Walczak, Tadeusz]; SHCHENKOV, S.A., prof., red.;  
MAZURKEVICH, M., red. Izd-va; LEREDEV, A., tekhn. red.

[Using punched card machines in standard accounting] Prime-  
renie schetno-perforatsionnykh mashin pri normativnom uche-  
te. Moskva, Gosfinizdat, 1963. 108 p. (MIRA 17:2)

J. M. CZAKI, W. RADYSIAW.

O Powsym Przypadku Wielkoj Skropliny  
model: Prawy Przeciwkoj Obciążeniu  
Sławni Skropliny - Włodzimierz Skarżyński  
Mechanika, Inst. Tech. Lódz, N° 4, 1950,  
pp. 89-97. In Polish, with summaries in  
English and Russian. Theoretical investigation  
of an isotropic rectangle, a plate of  
constant thickness, freely supported along  
its edges in its middle plane and loaded  
with a concentrated force applied at any  
point on its axis of symmetry, in order to  
derive a simple formula for the critical  
value of the eccentric force as a function  
of constant factors from the expression  
for the middle surface of the plate  
represented in trigonometric series form,  
and by applying Timoshenko's energy  
method.

V/W

Sant, Jack, Lodusz

KUGLER, Ryszard; WALCZAK, Wieslaw

Hearing exercise in deaf children. Otolar. polska 15 no.4:447-452  
'61.

1. Z Kliniki Otolaryngologicznej PAM w Szczecinie Kierownik: prof.  
dr J.Taniewski. (DEAFNESS ther)

WALCZAK, Wojciech, prof. dr

Geographical Institute of the Wroclaw University during the 20-year  
period of the Polish People's Republic. Friegl geogr. 36, nr. 3: 585-592  
'64.

BIRACKI, M.; GABRIEL, W.; WALCZAK, W.

Influence of agrotechnical treatments on the seed value  
of seed potatoes. Pt. 2. Rocznik nauk rolniczych 88 no. 3:  
461-483 '64.

1. Potato Research Laboratory, Institute of Cultivation,  
Manuring and Soil Science, Warsaw.

WALCZAK, Wladyslaw, dr inz.

Work of a rectangular disk subjected to bending in its plane after  
loss of stability. Przegl mech 22 no.7/8:251-254 10-25 Ap '63.

1. Department of Strength of Materials, Technical University, Lodz.

WALCZAK, Wladyslaw (Lodz)

Analysis of the state of stress in a rectangular plate after the  
loss of stability caused by bending in the plane of the plate.  
Archiw bud maszyn 12 no.1:3-30 '65.

1. Submitted September 1964.

*WALCZAK, W.*

PAKALA, E.; TYC, M.; WALCZAK, W.

bacteriolytic activity of Sarcina lutea. Acta microbiol Pol  
2 no.4:293-296 '53. (EVAL 3:8)

1. Z Państwowego Zakładu Higieny w Warszawie.  
(SARCINA,  
lutea, bacteriolytic action)

WALCZAK, W.

Streptokinase production. Roman Pakuta, Marian Tyc, and Włodzimierz Walczak (Państwowy Zakład Hig., Warsaw). *Zeszyty Naukowe A. Mikrobiol.* 6, 333-40 (1954); cf. Christensen, *J. Clin. Invest.* 28, 163 (1949).—Streptococcus 1148A 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 3 hr coagulation the supernatant is

discarded and the solid centrifuged at 10,000 rpm for 15 min. (original culture). At this stage the clotting fraction is separated and the supernatant discarded. The precipitated components are pppd; by precipitation, the pppd is washed with acid and resuspended in phosphate or borate buffer pH 8.1. The insol. impurities are centrifuged off. The final product contains 91% of original streptokinase in the culture medium and 20% of streptodornase. Its streptokinase activity is 100 Christensen units/l γ N, and 2500 units/mg, dry weight. The prepa. contains no P, and therefore no nucleoprotein.

I. Z. Roberts

## Z Państwowego Zaklędu Higieny w Warszawie.

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Walczak, W.

POLON

Bacteriolysis activity of Streptomyces. I. II. H. Pakul, M. Tyk  
and W. Walczak *Acta microbiol. polon.* 1954, 2, 363-371, 375-380

[Z. Państwowego Zjazdu Higieny w Warszawie].—I. Of 18 strains of *Streptomyces*, 3 caused lysis of dead Gram-positive and Gram-negative bacteria and some living Gram-positive bacteria. A semi-synthetic medium containing a casein hydrolysate as N-source gave the best yields of bacteriolysin. Lysis of living bacteria was slower than that of dead ones. The lytic factor was concentrated by  $(NH_4)_2SO_4$  pptn.

II. Crude concentrates of the lytic factor were highly fibrinolytic and caused hydrolysis of extracts of M antigen of *Streptococcus pyogenes*. The antigenic properties of the lytic factor were confirmed. Optimal conditions for lysis of living and dead bacteria are identical suggesting that only one factor is acting on both living and dead microorganisms. (Polish) I. B. Rötry.

WALCZAK, W.

990. *Bactericidal factor common to staphylococci and haemolytic streptococci.* R. Pakula and W. Walczak. Acta microbiologica polonica, 11 55, 4, 235-243 (Pracse Wy Zakladu Mikrobiologii, 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.

R. VINEY

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 (ZMAI 9:6)

1. Department of Bacteriology, State Institute of Hygiene, Warsaw  
presented by J. Heller.

(Ultraviolet rays) (Streptomycin)  
(Deoxyribonucleic acids) (Bacteria)

PAKULA, Roman; HULANICKA, Edmund; WALCZAK, Włodzimierz

Sensitivity to ultraviolet rays of streptomycin-resistance  
characteristics in various bacteria transforming DNA. Med. dosw.  
mikrob. 11 no.3:267-272 1959.

1. Z Zakładu Bakteriologii Państwowego Zakładu Higieny w Warszawie.  
(ULTRAVIOLET RAYS, eff.) (DESOXYRIBONUCLEIC ACID, metab.)  
(STREPTOMYCIN, pharmacol.)

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

Inhibition of transformation in *Streptococcus* sbe by deoxyribonucleic 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.

(STREPTOCOCCUS)

(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.Mukulastek.

(PNEUMOCOCCUS)

(STREPTOCOCUS)

(DEOXYRIB(NUCLEIC ACIDS)

(ULTRAVIOLET RAYS)

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.; WALCZAK, W.; SHUGAR, D.

Oxygen and dose-rate effects on survival curves of  $\gamma$ -irradiated transforming DNA in the presence of protective substances. Acta biochim. polon. 9 no.3:227-237 '62.

1. State Institute of Hygiene, Warszawa.  
(DESOXYRIBONUCLEIC ACID - radiation effects)  
(SULPHYDRYL COMPOUNDS - pharmacology) (THIOUREA - pharmacology)  
(CYSTEINE - pharmacology)

PAKULA, Roman; PIĘCHOWSKA, Mirosława; BANKOWSKA, Edmunda; WALCZAK, Włodzimierz

A characteristic of DNA mediated transformation systems of two streptococcal strains. Acta microbiol. polon. 11 no.3:205-222 '62.

1. From the Department of Bacteriology, State Institute of Hygiene, Warsaw.

(DNA, BACTERIAL) (STREPTOCOCCUS)