

LUCZAK, Jerzy; MALESZENSKA, Jadwiga

Influence of aldrin on the physical and chemical properties and the development of microflora in water. Rocznik panstw. zakl. Hig. 15 no. 5:487-494 '64.

1. Department of Communal Hygiene, State Institute of Hygiene, Warsaw.
Head: prof. dr J. Just.

LUCZAK, Magdalena

Biochemistry and histochemistry of tyrosine pigments. Pat. polska
13 no.1:99-111 '62.

1. Z Zakladu Anatomii Patologicznej AM w Warszawie Kierownik: prof.
dr J. Dabrowska. (TYROSINE) (PIGMENTS)

LUCZAK, Szymon

5
S/137/62/000/011/002/045
A052/A101

AUTHORS: Bęczkowski, Włodzimierz, Deminet, Henryk, Długosz, Józef, Garbaciuk, Tadeusz, Gaska, Bohdan, Gaska, Zdzisław, Izbioki, Wacław, Luczak, Szymon, Maciesowicz, Roman, Morawski, Romuald, Szczepanik-Dzikowski, Zbigniew

TITLE: Continuous furnace for shield annealing

PERIODICAL: Referativny zhurnal, Metallurgiya, no. 11, 1962, 10, abstract 11B56P (Pol. pat., no. 44895, September 21, 1961)

TEXT: A continuous vertical type inverted U-shaped furnace for shield annealing consists of corresponding heating through compartments with electrical heating. A chain conveyor with suspenders (or baskets) for annealed pieces passes through the furnace, whereby in the lower part of the furnace the conveyor passes through gates with attachments filled with a liquid (e.g. water). When the workpieces are charged the conveyor with suspenders sinks into the liquid and emerges already in the heating compartments. In its surface part the liquid is in a state near to boiling and the vapor produces the necessary shield in the

Card 1/2

Continuous furnace for shield annealing

5
B/137/62/000/011/002/045
A052/A101

furnace. To stir the shielding atmosphere and to equalize the temperature, ventilators are installed in the middle of two branches of the furnace.

S. Glebov

[Abstractor's note: Complete translation]

Card 2/2

LUCZAK, Witold, mgr

More about the termination of labor contracts without notice
in industrial enterprises in Lodz. Praca zabezp spol 5
no.2:4-13 F '63.

LUCZAK, Zygmunt

Procedure in transtrochanteric fractures. Chir.narz.ruchm ortop.
polska 25 no.1:55-57 '60.

1. Z I Kliniki Chirurgicznej A.M. w Gdansk. Kierownik: prof.
dr. H. Kania.

(FEMUR NECK fract.& disloc.)

C.A. LUCZAKOWA, J.

12

Fresh rose hips and their preserves as a source of vitamin C. M. Szczygłowa, J. Luczakowa, and J. Sierkówna (Państw. Zakład Hig., Warszawa, Poland). *Koczniki Państwowego Zakładu Hig.* 1, 523-32 (1950) (English summary).—Vitamin C content was detd. of rose hips (*Rosa canina*, *R. gallica condita*, and *R. rugosa*). Whole fresh hips contain 545 mg. % hips without pips 661 mg. %, pulp 847 mg. %. In sugar preserves the vitamin C content decreased 5-8% during the first half year. Boiling water exts. about 40% of vitamin C from fresh hips and about 84% from dried ones. During the drying process 45-90% of vitamin C are lost. Vitamin C was extd. with 2% oxalic acid and titrated with dichlorophenolindophenol. W. Szybalski.

POL. 2

Chemical composition and nutritive values of Polish
rennet cheese. J. Piotrowski, W. Szlachetkiewicz, J.
Luszczynski, St. Berger, and J. Wojna. *Annals of
Lodz University of Technology* (English summary) —
Rennet-ppid. hard cheese (Tyla, Edamer, and Trappist)
have 3-5 times as high a mineral content as white cottage
cheese.
L. J. Piotrowski

POL . .

Nutritive value of rye and wheat flours of different extractions. J. Rudowska-Koprowka, J. Puczkowa, W. Szkladłowa, and B. Muskatowa. *Rocznik Państwowego Zakładu Hig.* 2, 76-80 (1951) (English summary).—Wheat flours were found to contain more protein, fat, P, and B-complex vitamins than rye flours. The 97% extd. wheat and rye flours had: protein 9.8 and 7.1%; fat 3.8 and 2.2%; P 354 and 205 mg %; vitamin B₁ 429 and 308 γ%, vitamin B₂ 221 and 134 γ%; nicotinic acid 1193 and 723 γ%.
L. I. Plotkowski

LUCZAKOWA, M.

"Influence of cow's feed on the vitamin-B₁ and vitamin-E₂ content of milk." p. 513
(Roczniki, No. 4, 1953, Warsaw)

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

LUCZATO, G.; BOER, B.

"Introduction of Baschirov's knot catchers", p. 287, (INDUSTRIA TEXTIL,
Vol. 5, No. 8, Aug. 1954, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, No. 4,
April 1955, Uncl.

STRZYEWSKI, H., KROL, J.: BERNARDCZYK, K, MIEDZYBLOCKI, W., LUCZEWSKI, B.

Evaluation of conditions following amputation of the foot with special reference to functional conditions and to orthopedic appliance. Chir.narz. ruchu 20 no.3:296-230 '55.

1. Z Działu Naukowo-Doswiadczalnego Zarządu Przemysłu Ortopedycznego w Poznaniu, Kierownik: prof. dr W. Dega, i z Kliniki Ortopedycznej A M w Poznaniu, Kierownik: prof. dr W. Dega. Poznan, ul. Dzierzynskiego 135.

(AMPUTATION,

foot funct.rehabil. & orthopedic appliance)

(FOOT, surgery,

amputation, funct. rehabil. & orthopedic appliance)

LUCZKIEWICZ, R.

Methods of economizing on electric energy in foundries. p. 406.
HUTNIK, Katowice. Vol. 21, no. 12, Dec. 1954.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

KOŁODZIEJSKI, Jozef; GILL, Stanislaw; LUCZKIEWICZ, Irena

Localization of sparteine in *Cytisus scoparius* Link. (*Sarothamnus scopariu* L. Wimm.) during the vegetation stage. *Acta Pol. pharm.* 21 no.6:501-508 '64

1. Z Katedry Farmakognozji Akademii Medycznej w Gdansk (kierownik: prof. dr. J. Kolodziejski).

LUCZKIEWICZ-MULCZYKOWA, Anna; SCHLESINGER, Danuta; ZUBRZYCKI, Stefan

The linkage of genes Dd and Ee based on observation of the Polish population. Arch. immun. ter. dosw. 9 no.4:801-808 '61.

1. Department of Blood Groups, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

(CHROMOSOMES)

LUCZKIEWICZ-MULCZYKOWA, Anna

Genetic connections between some blood groups systems. Postepy
hig. med. dosw. 15 no.5:617-625 '61.

1. Z Zakladu Grup Krwi Instytutu Immunologii i Terapii Doswiadczalnej
PAN we Wroclawiu Kierownik: prof. dr B.Popielski.
(BLOOD GROUPS genetics)

LUCZKIEWICZ-MULCZYKOWA, Anna

Anti-Cm(a) rabbit immune sera. Arch. immun. ther. exp. 12
no.4:429-433 '64

1. Department of Blood Groups, Institute of Immunology and
Experimental Therapy, Polish Academy of Sciences, Wroclaw
and Department of Microbiology, School of Medicine, Wroclaw.

SCHLESINGER, Danuta; LUCZKIEWICZ-MULCZYKOWA, Anna

The use of the C^v antigen in paternity cases. Arch. immun.
ther. exp. 12 no.4:434-438 '64

1. Department of Blood Groups, Institute of Immunology and
Experimental Therapy, Polish Academy of Sciences, Wroclaw,
and Department of Microbiology, School of Medicine, Wroclaw.

ŁUCZKIN, M. J.

Podnoszenia ciężarów (lifting of loads), by M. J. Łuczkin. Reported in
New Books (Nowe Książki), No. 15, August 1, 1955

LUCZKOWSKA, E.

GEOGRAPHY & GEOLOGY

Periodicals KWARTALNIK GEOLOGICZNY. Vol. 2, no. 1, 1958.

LUCZKOWSKA, E. The Miocene microfauna of the Carpathian piedmont.
p. 105

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 5,
May 1959, Unclass.

LUCZKOWSKA, S.

"The stratigraphy of the Lower Tortonian clays from Benczyn near Wadowice on the basis of their macrofauna."

p. 305 (Rocznik) Vol. 25, no. 3, 1955 (published 1957)
Krakow, Poland

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

LUCZKOWSKI, L.

"The Transportation Problem in Metallurgy During the Fall and Winter." Tr. from the Polish. p. 209

"Profile of the Work of Rudolf Vojtik, The Labor Award Winner." p. 210 (Hutnik, Vol. 3, no. 9, Sept. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress, Feb. 1954, Uncl.

LUCZYNSKI, Feliks

Some problems connected with the terminology of professions. Praca
zabezp spol 4 no.1:1-12 '62.

LUCZYNSKI, Feliks, mgr

System of personal income from labor and methods of labor evaluation
in Yugoslavia. Praca zabezp spol 6 no.10:21-27 0 '64.

LUCZYNSKI, Feliks, mgr

Some information about occupational nomenclature in Yugoslavia.
Praca zabezp spol 6 no.12:26-27 D '64.

TCLAND

Dr Michalina LUCZYNSKA, Secretary of Warsaw Section and Regional Unit of Polish Medical Association (Sekretarz Kola Warszawskiego i Oddziala Wojewodzkiego [Polskiego Towarzystwa Lekarskiego]), Warsaw.

"Report of Scientific Session."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 43, 22 Oct 1962; pp 1692=1694.

Abstract: A film illustrating the concept of Selye's "General Adaptation Syndrome" was shown, with a lively discussion afterwards. The consensus of the discussants seemed to be that there were several inadequacies to Selye's theory; e.g. the autonomic nervous system is not given sufficient consideration. Table illustrating signs accompanying the 3 stages of the general adaptation syndrome.

1/1

LUCZYNSKI, Feliks

Up-to-date experiences and present problems in wage tariffs. Praca
zabezp spol 5[1.e 4] no.6:1-16 Je '62

LUCZYNSKI, Feliks

Premises and trends of the reconstruction of the Soviet wage scale system. Praca zabezp spol 4 no.11:53-57 N '62.

LUCZYNSKI, M.

LUCZYNSKI, M. Marginal remarks on the styles of footwear. Biuletyn Wzor. p. 7.

Vol. 11, no. 7, July 1956

FRZEGLAD SKORZANY

PHILOSOPHY & RELIGION

Warszawa, Poland

SO: East European Accession, Vol. 6, No. 3, March 1957

LUCZYNSKI, M.

Experiences with artificial materials in the footwear and fancy-goods industries.
(PRZEGLAD SKORZANY. Vol. 11, no. 10, Oct. 1956, Lodz, Poland)

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

LUCZYNSKI, M.

Fashion and its influence on production. Biuletyn Wzor. p.13
(PRZEGLAD SKORZANY, Vol. 11, No. 12, Dec. 1956, Lodz, Poland)

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

LUCZYNSKI, M.

Rational footwear. Pt.1. Biuletyn Wzor. p.3
(PRZEGLAD SKORZANY, Vol. 12, No. 5, May 1957, Lodz, Poland)

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

LUCZYNSKI, Marian

On the convergence to zero of oscillating solutions of an ordinary differential equation of order n . Prace matem Krakow no.7:17-20 '62.

LUCZYNSKI, Marian

Unicity of a solution of a problem of limits for an equation of partial derivatives of the second order of the elliptic type in an unbound domain. Prace matem Krakow no. 9 61-65 '63.

LUCZYNSKI, S.

Working experiences with mechanized trains.

P. 14. (PRZEGLAD KOLEJOWY DROGOWY) (Warszawa, Poland) Vol. 10, no. 1, Jan. 1958

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

CA

LUCZYNSKI, S. E.

116

The significance of electrocardiographic examination and determination of the calcium level in blood in the diagnosis and treatment of acute necrosis of the pancreas. S. E. Luczynski. *Polish Tygodnik Lekarski* 3, 1025-6 (1948); *Australia World Med.* 5, 340 (1949).--In 2 cases, the blood Ca was below normal and the electrocardiogram resembled that seen in tetany. Intravenous injections of Ca salts relieved the symptoms. W. C. Tobie

LUCZYNSKI, Witold, mgr. inz.

← The measuring head of ~~pressure~~ differences. Pomiar 8
no.3:144 Mr '62.

LUCZYNSKI, Witold, mgr. inz.

Apparatus for testing of the active surface of membranes.
Pomiary 8 no.3:143-144 Mr '62.

LUCZYNSKI, W.

Circulatory diseases during 1949-1950 winter in Krynica.
Polski tygod. lek. 6 nos.9-10:305-308 5 Mar 1951. (CIWL 20:11)

1. Of ZPU Sanatorium No. 1 in Krynica.

LUCZYNSKI, W.

The ironing process and its influence on the usefulness and external appearance of fabrics knitted by machine. (To be contd.) p. 162. (MOTORYZACJA, Vol 5, No. 9, Sept. 1954, Warszawa, Poland)

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

LUCZYNSKI, W.

"The ironing process and its influence on the usefulness and external appearance of fabrics knitted by machine. (Conclusion) p. 186. (ODZIEZ. Vol. 5, No. 10, Oct. 1954. Ledz, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4. April 1955. Uncl.

IMCZYNSKI, H.

"Blocking and the Productivity of Knitting Machines", p. 28, (COTEX, Vol. 6, No. 2, Feb. 1955, Lodz, Poland)

SO: Monthly List of East European Accessions, (SEAL), LG, Vol. 4, No. 5, May 1955, Uncl.

LUCEWNSKI, W.

Production of knitted fabrics from Lactex on Interlock and Elastic machines.

p. 90.

ODZIEZ, Lods, Vol. 6, no. 5, May 1955.

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

LUCZYNSKI, W.

Knotting threads (knotters). p.132.

ODZIEZ. (Centralne Zarzady Przemyslu Dziewiarskiego, Odziezowego i
Ponczoszniczego) Lodz

Vol. 6, no. 7, July 1955

So. East European Accessions List

Vol. 5, No. 1

Jan. 1956

LUCZYNSKI, Witold, mgr. inz.

Dynamic testing of a power converter cooperating with a
pneumatic line. Pomiary 8 no.7:352 J1 '62.

37959

P/032/62/009/001/004/004
D265/D308

26.4/100

AUTHORS: Prosnak, Włodzimierz, Juliusz and Łuczywek, Eugeniusz
(Warsaw)

TITLE: Weighing machine for testing propellers rotating in
opposite directions

PERIODICAL: Archiwum budowy maszyn, v. 9, no. 1, 1962, 145 - 167

TEXT: In order to investigate the mutual influence of two concentrically positioned propellers running in opposite directions under various working conditions the test rig has been designed in order to measure simultaneously the drags and torques of each of the two propellers revolving at various speeds, at varied distances and with different positions of blade angles. The best rig was used in the wind tunnel (1120 mm air flow area) at the Department of Aerodynamics of the Warsaw Polytechnic Institute. The performance of the model was studied in order to verify its suitability for dimensional analysis purposes when designing full scale test rig for full size propellers. The authors give descriptions and drawings of hub arrangement for adjusting blade angles, the Wheatstone bridge circuit. X

Card 1/2

Weighing machine for testing ...

P/032/62/009/001/004/004
D265/D308

uits for measuring the deflection of springs using tensometers, the 3-phase electric motor drive where the variable speeds have been obtained by changing the frequency according to the principle due to J. Bukowski (Zeszyt Instytutu Aerodynamicznego, Warszawa 1939 - no. 7) and the calibration apparatus. The description of the test procedure, the results of the preliminary tests performed on two-bladed adjustable propellers of known characteristics and the discussion on the reliability and suggestions for improvement conclude the paper. There are 20 figures. X

ASSOCIATION: Katedra aerodynamiki politechniki Warszawskiej (Department of Aerodynamics of the Warsaw Polytechnic Institute)

SUBMITTED: October 1961

Card 2/2

L 02204-6? EWP(m) WW

ACC NR: AP6032601

SOURCE CODE: PO/0032/66/013/003/0357/0363

AUTHOR: Klonowska, Maria E. (Warsaw); Luczywek, Eugeniusz (Warsaw);
Prosnak, Włodzimierz J. (Warsaw)

78
B

ORG: none

TITLE: Mach number and specific heat ratio effects in axisymmetric flow on the distance of the shock wave

SOURCE: Archiwum budowy maszyn, v. 13, no. 3, 1966, 357-363

TOPIC TAGS: detached shock wave, axisymmetric flow, stagnation point, shock wave physics, axisymmetric supersonic flow, shock stand off distance, Mach number effect, specific heat ratio effect, integral relation computation method, computer programming/GIER digital computer

ABSTRACT: The distance between a detached shock wave and the stagnation point on the flat nose of a circular cylinder in axisymmetric supersonic flow was computed by the integral relations method, in order to investigate the influence of the Mach number and the specific heat ratio on shock standoff distance. The computa-

Card 1/2

L 02204-67

ACC NR: AP6032601

tions were performed in 20 cases with different Mach numbers and specific heat ratios. The programming for the GIER digital computer used was developed by co-author Luczywek. Comparison of computed values and experimental data yielded no essential discrepancies. Orig. art. has: 4 figures, 1 table, and 4 formulas. [Based on authors' abstract]

SUB CODE: 09, 20/ SUBM DATE: 00Nov65/ ORIG REF: 002/ SOV REF: 001/
OTH REF: 001/

Card 2/2 LC

PROSNAK, Włodzimierz Juliusz (Warszawa); LUCZYWEK, Eugeniusz (Warszawa)

A weight testing stand for contrarotating propellers. Archiw bud
masz 9 no.1:145-167 '62.

LUCZYWEK, Zdzislaw, mgr inz.

Difficulties in the operation of electric traction. Przegl
kolej elektrotech 15 no.7:196-200 JI '63.

LUDACKA, inz.; VOJTECH, inz.

Accumulator lift-truck AVH 621. Tech praca 14 no.3:237-238 Mr '62.

1. Decinske strojirny, n.p., Decin.

LUDANOV, P. L.

Founding

Effective casting of steel crucibles. Lit. proizv. No. 2, 1953.

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

KRASIKOVA, V. I.; LIKHONOSOVA, N. D.; MARUSHKINA, V. I.; KARASEVICH, Ye. K.; MIKHAYLOVA, M. M.
LUDANOVA, N. V.; OVCHINNIKOVA, L. P.

"Study on the intensity of brine microflora respiration during ham curing."

report submitted for ¹⁹⁶⁴ European Mtg, Meat Res Workers, Rockilde, Denmark, 7-15 Aug
1964.

KRASIKOVA, V.I., kand. biol. nauk; SEMENENKO, N.Ya.; LUDANOVA, N.V.,
mladshiy nauchnyy sotrudnik; BORISOVA, L.F., starshiy tekhnik-
laborant

Use of ascorbic acid to prevent the molding of half-smoked
sausage. Trudy VNIIMP no.16:240-244 '64. (MIRA 18:11)

1. Starshiy inzhener Vsesoyuznogo nauchno-issledovatel'skogo
instituta myasnoy promyshlennosti (for Semenenko).

KRASIKOVA, V.I., kand. biol. nauk; RUBASHKINA, S.Sh., starshiy nauchnyy
sotrudnik; MARUSHKINA, V.I., mladshiy nauchnyy sotrudnik;
LUDANOVA, N.V., mladshiy nauchnyy sotrudnik

Antibacterial substances preventing the bacterial deteriora-
tion of chilled meat. Trudy VNIIMP no.16:227-230 '64.

(MIRA 18:11)

117 AND 2ND ORDER PROCESSES AND PREPARED INDEX 3RD AND 4TH ORDER

BC *24*

Scarcity and movement of maximal villi. G. Ludány and L. Franz (Magyar Gazd. 1940, 41, 372-378).--Scarcity and no adhesion the attachment of the villi of dogs. The mol. of villus is soluble with water, acetone, and petrol. trypsin, and strepsin leave it unchanged; it is not pptd. by trichloroacetate, adsorbed by animal C, or destroyed by ultra-violet light. A. W. M.

ASS-51A METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

GROUPS

MATERIALS INDEX

1ST AND 2ND ORDER

3RD AND 4TH ORDER

1ST AND 2ND ORDER

3RD AND 4TH ORDER

1ST AND 2ND COLUMNS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH COLUMNS

BC 0-4

COMMON ELEMENTS

INNER PART OF SPLEEN. O. LADISY, L. GORECZKY, and E. BARTY
 (Magyar. Orv. Hetl. 1964, 87, 718-720).—Serum of the blood
 proper of the spleen contains more cholesterol, K, Mg, inorg. and acid-
 mol. P, Fe, creatinine, and uric acid than does that of the
 peripheral blood. The serum of the reserve blood also contains
 more residual N on pyrolysis. The Na, Ca, and Cl contents of both
 sera are similar. After several consecutive contractions of the spleen,
 the sera of the spleen and peripheral blood show the same chemical
 and immunological characteristics. A. W. M.

AN-554 METALLURGICAL LITERATURE CLASSIFICATION

33001 DIVISION 33001 DIVISION

1ST AND 2ND COLUMNS 3RD AND 4TH COLUMNS

COMMON ELEMENTS

1ST AND 2ND CROSS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH CROSS

CA

11F

Effect of intravenous calcium chloride injection on absorption of sugar from intestines. György Ludány, Gyula Suto-Nagy, and J. Cservény. *Magyar Orvosi Arch.* 43, 97-102(1944); cf. C.A. 38, 5537. —CaCl₂ injected intravenously (0.4 cc. of a 10% soln. per kg. body wt.) in dogs decreases the absorption of glucose from the intestine by 14-42% (mean 21.8%) and that of xylose by 1-18% (7.7%). The org. P content of the serum increases 45 min. after the injection. The decrease in absorption of dextrose is primarily caused by a disturbance of phosphorylation; that of xylose partly by a central sympathetic stimulation produced by CaCl₂ injection and partly by changes of permeability. B. A.

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CROSS 3RD AND 4TH CROSS

GROUPS # 1ST AND 2ND CROSS 3RD AND 4TH CROSS

GROUPS # 1ST AND 2ND CROSS 3RD AND 4TH CROSS

LUDANY, G.

SZOKE, A.; LOVEL, E.; VAJDA, G.; LUDANY, G.

The effect of sympathomimetic and parasympathomimetic drugs
on the opsonocytophagic property of human serum. *Magy. belorv. arch.*
3 no.1:1-4 '50. (CML 19:3)

1. Second Clinic for Internal Diseases, Peter Pazmany University
(Director of Clinic -- Dr. Imre Haynal), Budapest.

CA

117

Antihistamine drugs and movements of the villi. G. Ludány, Fr. Farkas, and A. Ince (Univ. Budapest). *Arch. intern. pharmacodynamie* 83, 553-8(1960).—In the anesthetized dog, antergan, antistine, and thenylene, in concens. of 1:100,000, increase the movements of the villi but have no effect on tone and capillaries. In 1:10,000 diln. the drugs increase the movement further and also increase the tone. All the drugs antagonize the effect of histamine. M. L. C. Bernheim

CA

117

The action of choline and derivatives on the movements of the intestinal villi. G. Ludány, F. Obál, and A. Sántha (Univ., Kolozsvár, Rumania). *Arch. intern. pharmacodynamie* 84, 328-36(1960).—Local application of 1:500,000 choline to the mucosa of chloralosed dogs starved for 24 hrs. increased the movements of the villi. Tone and capillaries were not affected unless 1:100,000 was used. 1:1,000,000 acetylcholine and 1:500,000 carbaminoylcholine acted similarly. Intraarterial acetylcholine (1 γ %) and choline (10 γ %) also increased the activity. Previous treatment with atropine prevented the effects. M. L. C. Bernheim

1151

LUDANY, Gy, 1951

(Exp. Lab., 11 Surg. Clinic, U. of Budapest)

"The Vago-Insular System and the Phagocytosis-Promoting Activity of Serum."

Acta Physiol. (Budapest), 1951 2/1 suppl. (53-54)
Abst: No. in Exc. Med.

LUDANY, G. 1951

(Exp. Lab. 11, Surgical Clin. U. of Budapest)

"Asphyxia, the Sympathico-Adrenal and Vago-Insular System and Leucocyte Phagocytosis."

Acta Neuroveg. (Wien) 1951, 2/3-4(263-269)
Abst: Exc. Med. 11, Vol. 5, No. 8, p. 953

LUDANY, G.

KILLNER, C.; LUDANY, G.; VAJDA, G.

Effect of pneumothorax on the volume of the spleen. Kiserlates
Orvostud. 3 no. 5:326-329 1951. (CIML 21:3)

1. Doctors. 2. Second Surgical Clinic and Pathological Institute,
Budapest Medical University.

BORNEMISZA, G.; GORECZKY, L.; LUDANY, G.; VAJDA, G.

Effect of pain on serum bactericidal properties. *Magy. sebeszet* 4
no.4:262-264 1951. (CML 21:4)

1. Doctor. 2. Second Surgical Clinic (Director--Prof. Dr. Endre Hedri)
of Budapest Medical University and the Laboratory (Head--Dr. Laszlo
Goreczky) of Hungarian State Railways Hospital, Budapest.

CA

11F

The sympathico-adrenal system and the phagocytosis of the leucocytes. P. Kokas, G. Ludany, and J. Vajda (Univ. Budapest, Hung.). *Quart. J. Exptl. Physiol.* 36, 89-100 (1951).—All forms of sympathetic stimulation cause a transitory increase in the phagocytosis-stimulating property of the serum by releasing some substance or substances into the blood stream. Among other unidentified organs the adrenals produce these substances. They act partly as opsonins and partly by direct stimulation of the leucocytes. They are not identical with adrenaline, desoxycorticosterone, or other steroids present in the adrenal cortex ext. used. Histamine may increase phagocytosis but is not the active substance. The activity may be found among the 11-oxy-steroids or in the lecithin-cholesterol ratio. 46 references.

Rachel Brown

LUDANY, G.

SZOKE, A.; LOVEI, E.; LUDANY, G.

APPROVED FOR RELEASE: 04/03/2001
 Antihistamine therapy of pyelonephritis. *Acta Med. Scand.* 61, 33-41 (1951)
 (CML 20:11)

1. Of the Second Medical Clinic (Director--Prof. E. Haynal, M.D.)
 and of the Experimental Laboratory (Head--Prof. G. Ludany, M.D.)
 of the Second Surgical Clinic (Director--Prof. D. Klimko, M.D.)
 of Budapest University.

117

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Action of histamine and antihistaminics on phagocytosis
C. Lujány and J. Vajta (11 Chir. Klinik, Budapest) *Arch.
intern. Pharmacodynamie* 85, 485-494 (1951) - Histamine
(1:50,000-1:500,000) definitely increases the phagocytic
action of surviving rat leucocytes. Antistine and dehistine
(1:1,000-1:5,000) decrease the phagocytosis. Intravenous
antistine has no effect in man or dog. Both antihistaminics
(1:10,000) inhibit the effect of histamine on the leucocytes.
M. L. C. Bernheim

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C.A.

Phagocytosis and the nervous system. G. Ludany, J. Vajda, and E. Erdos (Univ. Budapest). *Arch. Intern. Pharmacodynamie* 87, 49-63(1951).—There was no increase in phagocytosis by the dog aqueous humor after stimulation of the sympathetic vessels of the neck. Intravenous adrenaline (0.01 mg./kg.) or *dl*-noradrenaline (0.02 mg./kg.) caused a marked increase in phagocytosis in dog serum, whether or not the suprarenals were intact, but had no effect on phagocytosis *in vitro*. Acetylcholine and eserine had no definite effects. M. L. C. Beruhelm

SOMOGYI B., DUBECZ S., LUDANY G.

Csontpor etetésnek hatása kísérleti allatok callus-kepzodesora.
/Effect of feeding of pulverized bone on experimental callus pro-
duction/ Orv. hetil., Budap. 92:27 8 July 51 p. 874-7.

1. Doctors. 2. First Surgical Clinic (Director--Prof. Dr. Gyula Sebasty), Institute of Anatomy (Director--Prof. Dr. Ferenc Kiss), and Second Surgical Clinic (Director--Prof. Dr. Endre Hedri), Budapest Medical University.
CML Vol. 20, No. 10 Oct 1951

BORNEMISZA, G.:KOKAS, F.:LUDANY, G.:ZOINAI, I.

The effect of pain provocation on glucose resorption from the
intestines. Kiserletes orvostud. 4 no. 5:374-376 Oct 1952.
(CLML 23:5)

1. Doctors. 2. Second Surgical Clinic and Pathophysiology In-
stitute of Budapest Medical University.

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Insulin and the bacterial phagocytosis of leucocytes. B. Lovel, G. Lüdny, and J. Vajla (Univ. Budapest). *Z. Vitamin-, Hormon- u. Fermentforsch.* 4, 531-41(1952)(in German); cf. *C.A.* 45, 7237i; 46, 1114f. — Contrary to the findings of Bayer and Form (*C.A.* 20, 3314), it was found that insulin does not affect the bacterial phagocytosis of rat leucocytes surviving *in vitro*. The capacity of serum to promote phagocytosis *in vivo* is reversibly reduced by insulin; the av. decrease was 24-30% in human subjects and 28% in rabbits. Glucose slightly counteracts this insulin effect but does not abolish it. Erich Hirschberg

LUDANY, G. 1952

(Exp. Lab. of the 11 Surgical Clinic, U. of Budapest)

"The Action of Protein Hydrolysates (Leucotaxin) on the Bacterial Phagocytosis of Leucocytes."

Arch. Int. Pharmacodyn. 1952 88/4(442-449)
Abst: Exc. Med. IV, Vol. 5, No.10, p. 1093

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Hyaluronidase and phagocytosis by leucocytes. G. Lud-
 any, T. Orbán, and J. Vajda (Univ. Budapest). *Arch.*
intern. pharmacodynamie 88, 490-502(1952).—The phago-
 cytosis by leucocytes of *Micrococcus pyogenes* var. *aureus* and
Salmonella typhosa is increased more than 50% by hyaluroni-
 dase. Heated enzyme has no effect. Antistine (1:20,000)
 counteracts the increase. M. L. C. Bernheim

LUDANY, G.; ORBAN, T.;VAJDA, G.

APPROVED FOR RELEASE: 04/03/2001
 Effect of hyaluronidase on the phagocytosis of leukocytes.
 Szemesszet 89 no. 1:15-20 Mar. 1952. (CIA-RDP86-00513R001030720002-6)

1. Doctors. 2. Institute of Pathophysiology (Director -- Prof. Dr.
 Jozsef Sos and First Ophthalmological Clinic (Director -- Prof. Dr.
 Magda Rodnot), Budapest Medical University.

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Intravenous calcium chloride and absorption of sugar from the gut. G. Ludány, G. Sütő-Nagy, J. Cservény, and L. Csás (Univ. Budapest, Hung.). *Arch. intern. pharmacodynamic* 89, 48-54(1952).—Intravenous CaCl₂ decreases the absorption of glucose and xylose from the intestine by 20 and 7%, resp. The blood inorg. P level is increased.
M. L. C. Bernheim

LUDANY, G. 1952

(Path. Inst. & Exp. Lab. 11, Surg. Clinic, U. of Budapest)

"APPROVED FOR RELEASE: 04/03/2001" CIA-RDP86-00513R001030720002-6

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Arch. Int. Pharmacodyn. 1952, 89/3(279-292)
Abst: No, in Exc. Med.

LUDANY, GY.

Ludany, Gy.; Vajda, Gy.; Toth, E.

"Effect of Leucocytosis-Provoking Inflammatory Factors (LPP) on Phagocytosis."
p. 56. (Acta Physiologica. Supplement to v. 4, 1953, Budapest)

SO: Monthly List of East European Accessions. Vol. 3, No. 6 Library of Congress, Jun 54
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LUDANY, G.;SOS, J.;TOTH, E.;VAJDA, G.

Effect of amino acids on the bacterial phagocytosis of leukocytes.
Orv. hetil. 94 no.8:204-207 22 Feb 1953. (CML 24:3)

1. Doctors. 2. Pathophysiology Institute (Director -- Prof. Dr. Jozsef Sos), Budapest Medical University.

TÓTH E., HÁNDEL M and LUDÁNY G.

Pathophysiol. Inst., med. Univ., Budapest. *Die interoceptive Regulation der Phagozytose von Leukozyten. Interoceptive regulation of the phagocytosis of leucocytes ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (54)

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

CSALAY, L.; KORVATH, G.; LUDANY, Gy.

New studies on adrenaline-histamine antagonism. Acta physiol.
hung. Suppl. no.6:19-20 1954.

1. Pathophysilgisches Institut der Medizinischen Universitat,
Budapest.

(HISTAMINE, physiol.
epinephrine-histamine antag.)

(EPINEPHRINE, physiol.
epinephrine-histamine antag.)

LUDANY, Gy.

DURECZ, S.; KERTAI, P.; KOKAS, F.; ~~LUDANY, Gy.~~

Effect of hypothermia on reflex self-regulation of the blood pressure. Acta med. hung. Suppl. 6 no.1:83-84 1954.

1. II Chirurgische Klinik, Pathophysiologisches Institut und
I. Chirurgische Klinik der Medizinischen Universität, Budapest.
(BLOOD PRESSURE, physiol.
eff. of hypothermia in dogs)
(BODY TEMPERATURE,
hypothermia, exper., eff. on blood pressure in dogs)

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LUDANY G

KERTAI, Pal; LUDANY, Gyorgy

Activity of autonomic nervous system and ascorbic acid content of the blood. Kiserletes orvostud. 6 no.5:385-392 Sept 54.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.

(AUTONOMIC NERVOUS SYSTEM, physiol.

eff. of stimulation on vitamin C in blood in dogs)

(EPINEPHRINE, EFF.

on vitamin C in blood in dogs)

(ARTERENOL, eff.

on vitamin C in blood in dogs)

(VITAMIN C, in blood

eff. of arterenol, epinephrine & autonomic stimulation in dogs)

(BLOOD

vitamin C, eff. of autonomic nerv. system stimulation in dogs)

KERTAI, P.; LUDASY, G.

Autonomic nervous system activity and ascorbic acid content in the
blood plasma. Zschr. Vitamin &c. Forsch. 6 no.6:379-90 1954.
(CML 28:1)

1. Of the Patho-Physiological Institute of Budapest University.

LUDANY G.
DUBECE, Sandor; KERTAI, Pal; KOKAS, Ferenc, dr.; LUDANY Gyorgy, dr.

The effect of hypothermia on blood pressure reflex regulation.
Orv. hetil. 95 no.30:818 25 July 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikájának
(igazgató: Sebestény Gyula dr. egyetemi tanár), II. sz. Sebészeti
Klinikájának (igazgató: Hedri Endre dr. egyetemi tanár) és
Korelettani Intézetének (igazgató: Sos József dr. egyetemi tanár)
közleménye

(BODY TEMPERATURE

hypothermia, eff. on blood pressure reflex regulation)

(BLOOD PRESSURE, physiology

eff. of hypothermia, reflex regulation)

FEHER, Imre, dr.; LUDANY, Gyorgy, dr.; TOTH, Erzsebet, dr.; WEISZ, Pal, dr.

Effect of the LFF factor on thrombocyte count. Orv. hetil. 95
no.49:1347-1349 5 Dec 54.

1. A Budapesti Orvostudományi Egyetem Kóreltani Intézetének
(igazgató: Sos. József, dr. egyet. tanár) közleménye.

(BLOOD PLATELETS

count, eff. of leukocytosis-promoting factor)

(LEUKOCYTOSIS

LFF factor, eff. on blood platelet count)

DUBECZ, A.; KERTAI, P.; KOKAS, F.; LUDANY, G.

Effect of hypothermia on reflex autoregulation of blood pressure.
Acta physiol.hung. 7 no.1-2:119-125 1955

1. Chirurgische Klinik, Institut fur Pathophysiologie und II. Chirurgische Klinik der Medizinischen Universitat, Budapest.

(BLOOD PRESSURE, physiology,

eff. of hypothermia on responses to stimulation of carotid sinus)

(BODY TEMPERATURE,

hypothermia, eff. on blood pressure after stimulation of carotid sinus)

(CAROTID SINUS, physiology,

eff. of stimulation on blood pressure in hypothermia)

GORECZKY, László,; LUDANY, György,; VAJDA, Gyula.

Effect of acute hemorrhage on bactericidal properties of serum.
Kiserletes orvostud. 7 no.2:153-158 Mar 55.

1. MAV-korhaz laboratoriuma es Budapesti Orvostudományi Egyetem
Korelettani Intezete,

(HEMORRHAGE, experimental,

bactericidal properties of blood serum after severe
blood loss in animals)

(BLOOD SERUM,

bactericidal properties in dogs after severe blood loss)

HORVATH, Gabriella; LUDANY, Gyorgy,; VAJDA, Gyula.

Effect of cortisone on migratory and phagocytic properties of leukocytes. Kiserletes orvostud. 7 no.2:209-211 Mar 55.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.
(CORTISONE, effects,
on leukocyte migration phagocytosis)
(LEUKOCYTES,
migration, eff. of cortisone)
(PHAGOCYTOSIS, effect of drugs on,
cortisone)

BAKOS, László; BORNENISZ, György; LUDANY, György; VAJDA, Gyula.

Effect of novocaine on phagocytosis. Kísérletes orvostud. 7 no.3:
225-231 May 55.

1. Budapesti Orvostudományi Egyetem Kísérleti Intézete és a
MAV kórház laboratóriuma.

(PROCAINE, effects,
on phagocytosis)

(PHAGOCYTOSIS, effect of drugs on,
procaine)

LUDANY, Gyorgy.; VAJDA, Gyula.; TOTH, Ersebet.

Effect of LPP factor on phagocytosis. Kiserletes orvostud. 7 no.3:
277-282 May 55.

1. Budapesti Orvostudományi Egyetem Korelettani Intezete.
(PHAGOCYTOSIS,
eff. of Menkin's factors producing leukocytosis)

DUBECZ, Sandor,; KERTAI, Pal,; KOKAS, Ferenc,; LUDANY, Gyorgy,

Effect of hypothermia on reflex autoregulation of blood pressure. Kiserletes orvostud. 7 no.3:283-287 May 55,

1. Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikája, Korelettani Intézet és II. sz. Sebészeti Klinikája.

(BLOOD PRESSURE, physiology,
eff. of hypothermia)

(BODY TEMPERATURE,
hypothermia, eff. on blood pressure)

KERTAI, Pal.; GYOKOSSY, Jozsef.; LUDANY, Gyorgy.

Effect of cortisone and ACTH on intestinal absorption of glucose. Kiserletes orvostud 7 no.4:373-378 July 55.

1. Budapesti Orvostudományi Egyetem Korelettani Intezet.
 - (INTESTINES, physiology,
carbohydrate absorp., eff. of ACTH & cortisone)
 - (CARBOHYDRATES, metabolism,
intestinal absorp., eff. of ACTH & cortisone)
 - (ACTH, effects
on intestinal sugar absorp.)
 - (CORTISONE, effects,
on intestinal sugar absorp.)

LUDANY, G.

EXCERPTA MEDICA Sec.2 Vol.9/8 Physiology, etc. Aug56

3577. **LUDÁNY G.** and **VAJDA G.** Budapesti Orvost. Egyetem Kóréletani Intézete, Budapest. *Nucleinsavak hatása a leucocyták baktérium phagocytosisára. Effects of nucleic acids on phagocytosis of bacteria by leucocytes KISÉRL. ORVOSTUD. 1955, 7/4 (418-420) Tables 2
RNA and DNA (as Na salts) increased the phagocytosis of *M. pyogenes aureus* by surviving rat leucocytes in vitro, even at high dilution. At 1:100,000, the average effect was still outside the limits of experimental error; at 1:10,000 it was +29 or +33%. The degree of phagocytosis was determined by the method of Wright and the results were statistically analysed.
From authors' summary

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LUDANY, G; VAJDA, Gy; HORVATH, G; TOTH, E.

Effect of cortisone and of ACTH on bacterial phagocytosis by leukocytes. Acta physiol.hung. 7 no. 4: 431-440 1955.

1. Pathophysiologisches Institut der Medizinischen Universitat in Budapest.

- (ACTH, effects,
on phagocytosis by leukocytes)
- (CORTISONE, effects,
on phagocytosis by leukocytes)
- (PHAGOCYTOSIS,
by leukocytes, eff. of ACTH & cortisone)
- (LEUKOCYTES,
phagocytosis, aff. of ACTH & cortisone)

CSALAY, Laszlo,; HORVATH, Gabriella,; LUDANY, Gyorgy.

Studies on adrenalin-histamine antagonism. Kiserletes orvostud.
7 no.5:449-457 Sept 55.

1. Budapesti Orvostudományi Egyetem Kísérleti Intézete.
(EPINEPHRINE, physiology
histamine antag., in exper. stimulation in dogs)
(HISTAMINE, physiology
epinephrine antag., in exper. stimulation in dogs)

LUDANY, Gyorgy,; PERENYI, Laszlo.

Hyaluronic acid content and hyaluronidase activity of leukocytes.
Kiserletes orvostud. 7 no.5:534-536 Sept 55.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.

(LEUKOCYTES

hyaluronidase activity, hyaluronic acid determ. & eff.
on phagocytosis)

(HYALURONIC ACID, in blood

hyaluronic acid-hyaluronidase system in leukocytes,
determ. & eff. on phagocytosis)