

LUKASIK, J.

"An example of the increase in the coefficient of exploitation of cotton-working machinery based on socialistic cooperation of workers." p. 100. (ODZIEZ, Vol. 4, no. 5, May 1953, Lodz, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

POLAND/Human and Animal Physiology (Normal and Pathological) T
Internal Secretion. Adrenals.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26817

Author : Bogdanik, Tadeusz; Lukasik, Seweryn

Inst : -

Title : On the Mechanism of Action of Adrenal Cortex Hormones
on Morphological Elements of Acidified Blood.

Orig Pub : Sprawozd. Wroclawsk. towarz. nauk, 1954 (1957), 9, 121-
123

Abstract : In order to clarify the mechanism of Torn's reaction the
authors added to blood treated with oxalic acid cortiso-
ne (C) or human serum of persons who received ACTH.
Addition of C decreased the number of eosinophils (E),
inducing their disintegration up to 41% of the original
amount, especially in large doses of C. In the blood
of patients with Cushing's syndrome, Addison's disease,
and acromegaly, the decrease of E (to 55% of original

Card 1/2

PCLAND/Human and Animal Physiology (Normal and Pathological)
Internal Secretion. Adrenals.

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Abs Jour : Ref Zhur Biol., No 6, 1959, 26817

amount) was noted in introduction of C but not of ACTH. Addition to the blood of serum of a healthy person which was taken 4 hours after injection of ACTH, decreased the number of E to a greater degree than addition of C. Disintegration of E under action of ACTH should be regarded as a result of effect of substances which are formed in the serum after ACTH introduction. Neither C nor ACTH induced in vitro a decrease of the amount of blood lymphocytes which is well expressed after ACTH introduction in vivo. DOCA did not influence the content of E in blood. Cortin decreased it to a lesser degree than C. -- A.I. Geronimus

Card 2/2

- 67 -

LUKASIK, Seweryn.

Effect of therapeutic doses of sodium salicylate on acid-base equilibrium. Pat.polska 6 no.3:163-174 July-Sept. '55.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik: prof. dr E. Szczeklik, Wrocław, Szymanowskiego 10.

(ACID BASE EQUILIBRIUM, effect of drugs on, sodium salicylate)

(SALICYLATES, effects, sodium salicylate, on acid-base equilibrium)

LUKASIK, SEWERYN
LUKASIK, Seweryn

Two cases of multiple myeloma diagnosed as tuberculosis of the spine.
Przegl. lek., Krakow 11 no.1:21-24 Jan 55.

1. Z III. klin. chor. wewn. A.M. we Wroclawiu; kier. prof.
E.Szczeklik.

(MYELOMA, PLASMA CELL, differ. diagnosis
from spinal tuberc.)

(TUBERCULOSIS, SPINAL, differ. diagnosis
from multiple myeloma)

LUKASIK S. J.
EXCERPTA MEDICA Sec.18 Vol.1/9 Cardiovascular Sept 57

2618. LUKASIK S. J. Klin. Chor. Wewn. A. M., Wroclaw. Rozkojarzenie przed-
sionkowo-komorowe u sportowców *Atrioventricular dissociation in sportsmen* Pol.
Arch. Med. wewn. 1957, 27/2 (249—266) Graphs 11

A-V dissociation was diagnosed in 6 cases out of 2,000 sportsmen. As far as the
mechanism of onset is concerned, the principal rôle was played in almost all the cases
not so much by slowing down of the sinus rhythm, as by its arrhythmia (usually
respiratory) and by acceleration and activation of the heterotopic rhythm. With
regard to the pathogenesis of the disorder it is suggested that the greatest role is
played by functional changes (hypervagotonia) and the coexisting organic lesions —
the latent or manifest loci of infection (tonsils, teeth). The A-V dissociation is an
abnormal disturbance from the point of view of sport medicine, as it points to an
impaired adaptation capability of the heart and the nervous system under the
conditions of intense physical effort. (XVIII, 6*)

LUKASIK, Seweryn; LUKASIKOWA, Walentyna; KOZIOWSKA, Irena

Allergization to ACTH preparations. Polski tygod. lek. 13 no.35:1361-1364 1 Sept 58.

1. Z III Kliniki Chorob Wewnętrznych Akad. Med. we Wrocławiu; kier.: prof. dr med. E. Szczeklik; oddz. B: kier. prof. dr Zdz. Wiktor. Adres: Wrocław, ul. Pasteura 4 III Klin. Chor. Wewn.

(ALLERGY

to ACTH (Pol))

(ACTH, inj. eff.

allergic reaction (Pol))

SZCZEKLIK, Edward; LUKASIK, Soweryn; ORIOWSKI, Marian

Blood lipoprotein lipase activity in arteriosclerosis. Polski tygod.
lek. 14 no.7:297-300 16 Feb 59.

1. Z III Kliniki Chorob Chorob Wewnętrznych A. M. we Wrocławiu;
kierownik: prof. dr Edward Szczeklik. Adres: Wrocław, ul. Pasteura

4. III Klinika Chorob Wewnętrznych.

(ARTERIOSCLEROSIS, blood in
lipoprotein lipase (Pol))

(LIPASES, in blood

lipoprotein lipase in arteriosclerosis (Pol))

LUKASIK, Seweryn

~~Rhythm of the coronary sinus in clinically-normal human subjects.~~
Polski tygod. lek. 14 no.34:1565-1572 24 Aug 59.

1. (Z III Kliniki Chorob Wewnętrznych A. M. we Wrocławiu: kierownik prof dr W. Szczeklik i z Wojewodzkiej Przychodni Sportowo-Lekarskiej we Wrocławiu).
(ELECTROCARDIOGRAPHY)

LUKASIK, Seweryn; DEG, Lechoslaw

The so-called athletic heart. Polskie arch. med. wewn. 39 no.1:51-58
1959.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik: prof.
dr E. Szczeklik Oddz. B--Kierownik: prof. dr Z. Wiktor. Adres autora:
Wrocław, Pasteura 4, III Klinika Chor. Wewn. A.M.

(CARDIAC ENLARGEMENT,
athletic heart (Pol))

LUKASIK, S.: ORLOWSKI, M.

A micromethod for the determination of lipoprotein lipase activity
in the blood. Polskie arch.med.wewn. 30 no.7:975-976 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik:
prof. dr med. E.Szczeklik
(LIPOPROTEIN LIPASE blood)

SZCZEKLIK, E.; LUKASIK, S.; ORLOWSKI, M.

Behavior of the post-heparin bipolytic activity curve of the blood.
Polskie arch.med. wewn. 30 no.7:976-978 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik:
prof. dr med. E.Szczeplik
(LIPOPROTEIN LIPASE blood)

LUKOSIK, Seweryn

On functional atrio-ventricular blocks. Polskie arch.med.wewn.
30 no.8:1091-1099 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik:
prof. dr E.Szczeklik i z Wojewodzkiej Poradni Sportowo-Lekarskiej
(HEART BLOCK)
(SPORT MEDICINE)

LUKASIK, Seweryn

Studies on the estimation of lipoprotein lipase activity. A micromethod for clinical and experimental purposes. Arch. immun. ter. dosw. 9 no.4:847-863 '61.

1. II Medical Clinic, School of Medicine, Wrocław.

(LIPOPROTEIN LIPASE chem)

SZCZEKLIK, Edward; ORLOWSKI, Marian; LUKASIK, Seweryn

Comparative study on the activity of certain enzymes in pathological fluids and blood. Polski tygod. lek. 16 no.25:941-945 19 Je '61.

1. Z III Kliniki Chorob Wewnetrznych A.M. we Wroclawiu; kierownik: prof. dr Edward Szczeklik.

(ENZYMES metab) (EXUDATES AND TRANSUDATES chem)

POLAND

LUKASIK, Seweryn, Third Clinic of Internal Diseases (III Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] in Wrocław (Director: Prof. Dr. Edward SZCZEKLIK)

"Blood Lipolytic Activity After Heparin in Various Diseases (Except Atheromatosis)."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 44, 29 Oct 62. pp 1697-1701

Abstract: [Author's English summary modified] Blood lipolytic activity after heparin was studied on patients with acute febrile and chronic diseases. Marked decrease was noted for patients with acute febrile diseases, but in the case of the chronic patients this decrease was not so distinct or entirely absent. No close relation was found between the severity of the disease and the decrease in enzyme activity. Curves of the blood lipolytic activity traced for six patients suggest that the decreased enzyme activity is due not to delayed action of heparin but to disorders in enzyme synthesis. Five Polish and 15 Western references.

1/1

POLAND

Seweryn LUKASIK, Third Clinic of Internal Medicine, College of Medicine
(III Klinika Chorob Wewnętrznych AM [Akademii Medycznej]) Head (kierownik)
Prof Dr Edward SZCZERLIK, Wrocław.

"Spontaneous Blood Lipolytic Activity."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 45, November 5, 1962;
pp 1737-1742.

Abstract [English summary modified]: Spontaneous blood lipolytic lipase activity was studied by 3 methods in 73 normal persons and 47 patients with atheromatosis. Activity was sporadic, unstable and low in normals, even lower in atheromatosis. Fat meals did not increase activity. Protein lipase inhibitor studies indicated that lipoprotein lipase is responsible for main effect initially, and "pancreatic lipase" later during the period of lipolysis. Free fatty acids are broken down by cholesterol esterase. Table, 4 diagrams; 8 Polish, 41 Western ref's.

1/1

LUKASIK, Seweryn

Behavior of post-heparin lipolytic activity of the blood in various internal diseases (other than arteriosclerosis). Pol. tyg. lek. 17 no.44:1697-1701 29 0 '62'

1. Z III Kliniki Chorob Wewnętrznych AM we Wrocławiu; kierownik: prof. dr Edward Szczeklik.

(LIPOPROTEIN LIPASE)

SZCZEKLIK, E.; ORLOWSKI, M.; LUKASIK, S.; SWIDNERSKA, T.

Gamma-glutamyl transpeptidase activity of the blood serum in
pancreatic diseases. Pol. tyg. lek. 19 no.39:1484-1487
28 S '64

1. Z III Kliniki Chorob Wewnetrznych Akademii Medycznej we
Wroclawiu (Kierownik: prof. dr. E. Szczeklik).

LUKASIK, Seweryn; WOJEWODZKA, Mirosława

On the use of reserpine in electrocardiographic function tests in cardiac neuroses. Pol. arch. med. wewnet. 34 no.12:1617-1624 '64.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. med. W. Szczeklik) oraz z Wojewodskiej Przychodni Kardiologicznej we Wrocławiu (Dyrektor: prof. dr. med. E. Szczeklik).

LUKASIK, S.

Restorative medicine in Czechoslovakia. Polski tygod,lek. 5 no.31-
32:1178-1183 7 Aug 50. (CML 20:5)

LUKASIK, S.

Clinical evaluation of nails produced in Poland for intramedullary
nailing. Chir. narz. ruchu ortop. polska 18 no.2:209-214 1953.
(CIML 25:1)

1. Of the Traumatic Department (Head--Docent St. Inkasik, M.D.) of
Warsaw Municipal Hospital No. 4.

LUKASIK, Stefan

Surgical treatment of pertrochanteric fractures. Chir. narz.
ruchu ortop. polska 19 no.3:251-259 1954.

1. Z I Zakladu Chirurgii Urazowej Instytutu Doskonalenia i
Specjalizacji Kadr Lekarskich w Warszawie. Kierownik: doc.
dr Stefan Lukasik.

(FEMUR, fractures,
pertrochanteric, surg.)

(FRACTURES,
pertrochanteric, surg.)

LUKASIK, Stefan

Surgical treatment of transtrochanteric fractures; results, errors, and complications. Postepy chir. 2:172-185 1955.

1. Z Zakladu Chirurgii Urazowo-ortopedycznej Instytutu .
Doskonalesia i Specializacji Kadr Lekarskich w Warszawie.
Kier prof. dr. S. Lukasik.

(FEMUR, fractures,
surg. of transtrochanteric fract. (Pol))

LUKASIK, Stefan

Considerations on causes of traumatic injuries of the motor apparatus. Chir. narz. ruchu 20 no.3:205-214 '55.

1. Z Oddziału Urazowo-Ortopedycznego Szpitala Miejskiego N5 4 w Warszawie (Zakład Instytutu Doskonalenia I Specjalizacji Kier Lekarskich) Kierownik: prof. dr St. Łukasik Włochy k Warszawy, ul Kosciuszki 19, m. 1

(EXTREMITIES, wounds and injuries, causes)

(WOUNDS AND INJURIES, extremities, causes)

(ACCIDENTS, etiology and pathogenesis)

EXCERPTA MEDICA Sec.9 Vol.11/8 Surgery Aug 1957
LUKASIK S.

4007. (763) LUKASIK S. Zakł. Urazowo-Ortop., Inst. Doskon. i Spec. Kadr Lek. Warszawa. * Wczesne usztywnienie skokowo-piętowe gwoździem trójlistnym i przeszczepem kostnym w złamaniach stawowych kości piętowej. Early fusion of the talo-calcaneal joint by means of trifin nail and bone graft in intraarticular fractures of the calcaneus CHIR.NARZĄD. RUCHU 1956, 21/3 (245-253) illus. 3

Report on 7 cases. Under local anaesthesia a trifin nail was driven in along a direction pin with simultaneous insertion of rigid bone graft, uniting the neck of the talus with the tuber of the calcaneus. No external fixation. Early ambulation. Bony or fibrous ankylosis and good functional results were obtained in all the cases.

Gruca - Warsaw

LUKASIK, Stefan

Fractures and dislocations of the spine with paralysis.
Chir. narz. ruchu 21 no.7:623-668 1956.

1. Z Zakladu Chirurgii Urazowo-Ortopedycznej IDISKL w
Warszawie - Szpital nr 4 Kierownik: prof. dr. med. S. Lukasik.
Zaklad Urazowo-Ortopedyczny I.D.I.S.K.L. Szpital Miejski Nr 4,
Warszawa, Swierczewskiego 67.

(SPINE, wounds and injuries,
disloc. & fract. causing paralysis, review (Pol))

(PARALYSIS, etiology and pathogenesis,
spinal disloc. & fract., review (Pol))

LUKASIK, S.; SZYMCZYK, W., (Warszawa); PETECKI, C., (Rzeszow)

Statistical analysis of spinal fractures with paralysis.
Chir. narz. ruchu 21 no.7:685-693 1956.

1. Zaklad Urazowo-Ortopedyczny I.D. i S.K.L. Szpital Miejski
Nr 4, Warszawa, Swierczewskiego 67.

(SPINE, fractures,
causing paralysis (Pol))

(PARALYSIS, etiology and pathogenesis,
spinal fract. (Pol))

LUKASIK, S.; ORLOWSKI, M.

Method of determination of lipoprotein lipase activity in the blood;
preliminary report. Polski tygod. lek. 13 no.42:1643-1645 20 Oct 58.

1. (Z III Kliniki Chorob Wewnętrznych A. M. we Wrocławiu; kier. prof.
dr E. Szczeklik). Adres: Wrocław, ul. Pasterua 4 III Klin. Chor. Wewn.
(LIPASES, in blood
lipoprotein lipase determ., method (Pol))

LUKASIK, Stefan

Analysis of causes of death in traumatological gerontology. Polski tygod. lek. 13 no.47:1866-1871 24 Nov 58.

1. Zaklad Urazowo-Ortopedyczny Studium Doskonalenia Lekarzy w A. M. w Warszawie; Kierownik: prof. dr med. S. Lukasik.

(AGED

analysis of causes of death in trauma of aged (Pol))

(WOUNDS AND INJURIES, in aged

causes of death (Pol))

LUKASIK, Stefan

Fractures of the femoral neck. Chir.narz.ruchu 24 no.5:417-436 '59.

1. Z I Zakladu Urazowo-Ortopedycznego Studium Doskonalenia Lekarzy
w A.M. w Warszawie. Kierownik: prof.dr S. Lukasik.
(FEMUR NECK fract.& disloc.)

LUKASIK, Stefan

Use of bone grafts in the treatment of complication of bone-
unions in fractures of the femoral neck. Chir.narz.ruchn ortop.
polaka 25 no.1:31-36 '60.

1. Z I Zakładn Chirurgii Urazowo-Ortopedycznej Studium Doskonale-
nia Lekarzy w A.M. w Warszawie. Kierownik: prof.dr. S. Lukasik .
(FEMUR NECK fract.& disloc.)
(BONE AND BONES transpl.)

LUKASIK, S.; MAKOWSKI, J.; SZYMZYK, W.; ZMYSLOWSKI, W.

Complicated union in the treatment of fractures of the long bone.
Clinical analysis. Chir. narz. ruchu ortop. polska 26 no.5:613-
617 '61.

1. Z Klinik Ortopedyczno-Urazowej Studium Doskonalenia Lekarzy
w Warszawie Kierownik: prof. dr S.Lukasik.
(FRACTURES surg)

LUKASIK, Stefan; PIELINSKI, Marian

Post-traumatic stump, prosthetic results. Chir. narz. ruchu ortop.
polska 26 no.ć:801-806 '61.

1. Z Kliniki Chirurgii Urazowo-Ortopedycznej SDL w Warszawie Kierownik:
prof. dr S. Lukasik. (ARTIFICIAL LIMB)

LUKASIK, Stefan, prof. dr. med.

Specialization of masters of pharmacy as a means of increasing
the professional qualifications in Czechoslovakia. Farmacja
Pol 18 no.3:58-59 Mr '62.

LUKASIK, Stefan

2 cases of irreducible dislocation of the knee joint. Chir. narzad.
ruchu ortop. pol. 27 no.5:723-728 '62.

1. Z Kliniki Urazowo-Ortopedycznej SDL Szpital Miejski Nr 4 w Warszawie.
Kierownik: prof. dr S. Lukasik.
(KNEE INJURIES)

LUKASIK, Stefan

Causes of traumatic injuries to the locomotor system. Analysis of material collected during 10 years at the Traumatic and Orthopedic Clinic of the Institute of Postgraduate Training in Warsaw. Chir. narzad. ruchu ortop. pol. 28 no.4:407-413 '63.

1. Z Kliniki Urazowo Ortopedycznej SDL - Szpital Miejski Nr 4 w Warszawie Kierownik: prof. dr S. Lukasik.
(ACCIDENTS) (STATISTICS) (LEG INJURIES)
(ARM INJURIES)

LUKASIK, Stefan

A hand grip — a handle for round bone nails (our modification).
Chir. narzad. ruchu ortop. pol. 28 no.2:251-254 '63.

l. Z Kliniki Chirurgii Urazowo-Ortopedycznej SDL AM w Warszawie
Kierownik: prof. dr S. Lukasik.
(FRACTURE FIXATION) (ORTHOPEDIC EQUIPMENT)

LUKASIK, Stefan

Surgical treatment of articular fractures of the upper epiphysis of the tibia. Chir.narzad. ruchu ortop. pol. 28 no.5: 461-465 '63.

1. Z Kliniki Urazowo-Ortopedycznej SDL i Szpital Miejski Nr.4. w Warszawie. Kierownik: prof. dr. S.Lukasik.

*

LUKASIK, Stefan; SCHIER, Jozef.

Geriatric injuries -- causes, forms and therapy. Chir. narzad.
ruchu ortop. pol. 28 no.5:485-489 '63.

1. Z Kliniki Urazowo-Ortopedycznej SDL i Szpital Miejski Nr.4.
w Warszawie. Kierownik: prof. dr. S.Lukasik.

*

LUKASIK, Stefan

Causes of motor organ injuries in traffic accidents. Pol. tyg.
lek. 19 no.21:790-792 18 My'64

1. Z Kliniki Urazowo-Ortopedycznej Studiuma Doksztalcania Lekarzy, Szpital Miejski Nr.4 w Warszawie; kierownik: prof. dr. med. Stefan Lukasik.

LUKASIK, Stefan

Bone nails. Indications and techniques. Chir. narząd. rąku ortop.
Pol. 29 no.3:353-358 '64.

1. Z Kliniki Urazowo-Ortopedycznej SDL w Warszawie -- Szpital
Miejski nr. 4 (Kierownik: prof. dr. med. S. Łukasik).

LUKASIK, Stefan, prof. dr.

Vasculat — application and results of treatment in fractures and complication of bone union. Chir. narzad. ruchu ortop.Pol. 28 no.7:855-858 '63

Bone banks, organization of their functioning and indications for the application of bone grafts. Ibid.:885-888.

1. Z Kliniki Urazowo-Ortopedycznej Studium Doskonalenia Lekarzy Szpital Miejski Nr.4 w Warszawie (Kierownik: prof. dr. S. Lukasik).

INWAZJA 88-0000; 88070000; 88070000

A case of so-called edematous form of ...
19 no.43:1655-1656 26 0 1...

1. Z Kliniki Urazowo-Ortopedycznej, Szpitala Dziecięcego
Lekarzy (Kierownik: prof. dr. med. S. Łukasik) z Pracowni
Histopatologicznej Szpitala Miejskiego Nr.4 w Warszawie
(kierownik: prof. dr. med. J. J. Gabrowska).

LUKASIK, S.; HIRNLOWA, L.

Diagnostic significance of partial block of the right branch of bundle of His. Kardiol. Pol. 8 no.3:221-225 '65.

1. Z III Kliniki Chorob Wewnętrznych AM i z Wojewodzkiej Przychodni Kardiologicznej we Wrocławiu (Dyrektor: prof. dr. E. Szczeklik).

STEJSKAL, Antonin, inz.; LUKASIK, Tomas, inz.

Design of the rotating foundation for a winder. Uhi 7 no.2:
56-57 '65.

LUKASIK, Seweryn; LUKASIKOWA, Walentyna; KOZLOWSKA, Irena

Allergization to ACTH preparations. Polski tygod. lek. 13 no. 35:1361-1364 1 Sept 58.

1. Z III Kliniki Chorob Wewnetrznych Akad. Med. we Wroclawiu; kier.: prof. dr med. E. Szczeklik; oddz. B: kier. prof. dr Zdz. Wiktor. Adres: Wroclaw, ul. Pasteura 4 III Klin. Chor. Wewn.

(ALLERGY

to ACTH (Pol))

(ACTH, inj. eff.

allergic reaction (Pol))

LUKASIKOWA, Walentyna; HORA, Zbigniew

Violent shock caused by a test dose of ACTH. Pol. tyg. lek. 19
no.52:2017-2018 28 D'64.

1. Z Kliniki Nefrologicznej Akademii Medycznej we Wrocławiu
(kierownik: prof. dr. Zdzisław Wiktor).

CZECHOSLOVAKIA

LUKASOVA, E.; BOHACEK, J.; SOSKA, J.

Institute of Biophysics, Czechoslovak Academy of Sciences,
Brno - (for all).

Prague, Collection of Czechoslovak Chemical Communications,
No 11, November 1965, pp 3972-3975.

"Separation of the alkaline hydrolysate of ribonucleic acid
on Dowex 1 using concentration gradients of chloride ions
and p_h ".

L 13548-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006006

SOURCE CODE: CZ/0053/65/014/004/0275/0275

AUTHOR: Bezdek, M.; Soska, J.; Reich, J.; Lukasova, E.

44
B

ORG: Biophysics Institute CSAV, Brno (Biofyzikalni ustav CSAV)

TITLE: Regulation of the synthesis of nucleic acids in thermobacterium acidophilum
[This paper was presented during Biophysical Days, Brno, 12 June 1964.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 275

TOPIC TAGS: biosynthesis, RNA, DNA, biochemistry, nucleic acid, bacteria, amino acid, glutamic acid, radioisotope, tracer study

ABSTRACT: Effect of deprivation of glutamic acid, tyrosine and leucine on RNA and DNA formation with or without chloramphenicol in the medium was studied with leucine-C¹⁴, orotic acid-C¹⁴ and thymidine-H³. Conclusion was that the biosynthetic control mechanisms for DNA and RNA are relatively independent of each other. [JPRS]

SUB CODE: 06 / SUBM DATE: none

1/1 HW

BENES, L.; SOSKA, J.; LUKASOVA, Emilie

The acid-soluble deoxyriboside and deoxyribotide pool and deoxyrinonucleic acid synthesis in haematopoietic tissues of normal and irradiated animals. Folia biol. (Praha) 11 no.2:123-133 '65

1. Institute of Biophysics, Czechoslovak Academy of Sciences, Brno,

LUKASOVA, Emilie, MUIR, nositelka radu prace, reditelka kojeneckeho
ustavu v Ostrave-Zabrehu

Notes on organization and management of dispensaries for infants.
Pediat. listy, Praha 9 no.3:157-160 May-June 54.

(INFANT CARE

in Czech., organiz. of dispensary serv.)

(HOSPITALS

dispensary serv. for inf. in Czech.)

BARTOS, J.; POKORNY, J.; ECKERT, V.; KRUSINA, L.; TEISINGER, P.;
Technicka spoluprace: LUKASOVA, I.; SLIVOVA, L.; MATOUSOVIC, J.;
GRUNT, J.; DYLEVSKY, J.; DUBSKY, J.

Direct revascularization of the myocardium after experimental
infarction in dogs. Cas. lek. cesk. 102 no.26:725 28 Je '63.

1. I chirurgicka klinika fakulty vseobecneho lekarstvi KU v
Praze, prednosta prof. dr. J. Pavrovsky IV interni klinika
fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr.
M. Fucik Radiologicka klinika fakulty vseobecneho lekarstvi
KU v Praze, prednosta prof. dr. V. Svab.
(MYOCARDIAL INFARCT) (VASCULAR SURGERY)
(CORONARY VESSELS) (ELECTROCARDIOGRAPHY)
(BLOOD PRESSURE) (THORACIC ARTERIES)

L 13549-66 EWA(J)/Y/EWA(b)-2 JK

ACC NR: AP6005993

SOURCE CODE: CZ/0053/65/014/004/0269/0270

AUTHOR: Lukasova, M.; Soska, J.; Bezdek, M.; Reich, J.

ORG: ~~APPROVED FOR RELEASE: 04/03/2001~~ ~~CIA-RDP86-00513R001030730009-8~~

TITLE: Relationship between syntheses of RNA and DNA [This paper was presented at
the meeting of the Czechoslovak Biophysical Society Section of the Czechoslovak
Biology Association at the Czechoslovak Academy of Sciences, Brnc, 22 September 1964.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 269-270

TOPIC TAGS: DNA, RNA, bacteria, organic synthetic process, biochemistry, antibiotic

ABSTRACT: Study in thermobacterium acidophyllum R 26: effect of uracil, thioglycolic
acid, tagged precursors and actinomycin D. Latter permitted arrest at various phases,
and thus determination of sequence, of synthesis of nucleic acids. [JPRS]

SUB CODE: 06, 07 / SUBM DATE: none / OTH REF: 001

SAZAVSKY, K., MUDr; LUKASOVA, M. Ph Dr

Proposal for unified terminology in anesthesiology, Cas.lek.cesk.

91 no.20:602 16 May 52.

(ANESTHESIOLOGY,

in Czech., unified nomenclature)

(NOMENCLATURE,

anesthesiol., proposal for unification in Czech.)

COUNTRY : Czechoslovakia H-27
CATEGORY :
ABS. JOUR. : RZKhim., No. 5 1960, No. 19758
AUTHOR : Kockova-Kratochvilova, A. and Lukasova-Novotna, M.
INST. : Not given
TITLE : Polyphenolic Compounds in Steeping Liquors
ORIG. PUB. : Kvasny Prumysl, 5, No 7, 153-160 (1959)
ABSTRACT : When barley is steeped in alkaline water, a considerable portion of the phenolic compounds (PC) contained in the barley, e.g., tannins, and which have a negative effect on the taste quality of the beer, go into solution. On the basis of a study of PC in steeping liquors (classification by groups with the aid of paper chromatography and spectrophotometric analysis), a more rational method for their extraction from the barley during steeping has been developed. Seven different PC have been
CARD: 1/2 359

COUNTRY:	: Czechoslovakia	H-27
CATEGORY	:	
ABS. JOUR.	: RZKhm., No. 5 1960, No.	19758
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: isolated from the steeping liquor, three of which have been identified (tannin, catechol, and chlorogenic acid). The above compounds have been found to inhibit the germination of the barley to different extents. In addition, it has been observed that a marked inhibition of germination is also produced by the presence of an unidentified substance which gives an orange-fluorescing spot on the chromatogram. The bibliography lists 82 titles. A. Yemel'yanov	
CARD:	2/2	

LUKASOVSKY, V.

Help in cargo transportation during winter. Tech praca 15
no.10:843-845 0 '63.

1. Ustredni rada Ceskoslovenske vedecko-technicke spolecnosti.

LUKASOVSKY, Vaclav

New law on improvements and inventions. Poz stavby 11 no.4:
228 '63.

LUKASTIK, F. : BOHDALEK, F.

"My Experiences", P. 363, (KRIDLA VLASTI, Vol. 4, No. 16, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

LEKASZCZYK, Elzbieta; RADECKI, Aleksander

Massive hemorrhage after secondary resection of pulmonary tissue.
Pol. przegl. chir. 37 no.3:261-262 Nr 165.

1. Z Kliniki Chirurgii Klatki Piersiowej Studium Doskonalenia
Lekarzy w Zakopanem (Kierownik: prof. dr. W.M. Rzepecki).

LUKASZCZYK, Elzbieta; JAROSLAWSKI, Mieczyslaw

Intratracheal intubation and heart catheterization. Pol. Tyg. Lek.
20 no.5:175-177, 1965.

1. Z Kliniki Chirurgii Klatki Piersi i Szpitala Dzieciątka
Lekarzy w Zakopanem (kierownik: prof. Dr. med. Wł. Jarczyński).

SKURSKA, Zofia; LUKASZEWICZ, Benon; WYSOCKI, Jan; SYPULOWA, Alicja; TOMASZEWSKA, Zofia

Adenovirus etiology of pseudodiphtheritic conjunctivitis. Arch. immun. ther. exp. 12 no.3:370-378 '64.

1. Infectious Diseases Department and Ophthalmologic Department, City Hospital, Swidnica; Department of Virology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

KOSTKA, Janina; LUKASZEWICZ, Bożena

The determination of water number in pharmacopoeia ointments
and ointment bases. Ann. Univ. Lublin sect. D 19:89-97 '64.

1. Katedra i Zakład Farmacji Stosowanej, Wydział Farmaceutyczny,
AM w Lublinie (Kierownik: prof. dr. farm. Henryk Nerlo).

LUKASZEWICZ, H.

LUKASZEWICZ, H. There is still a great deal to do in the field of the cost reduction.
p. 14.

Vol. 7, no. 1. Jan. 1956
GOSPODARKS ZBOZOWA
AGRICULTURE
Warszawa, Poland

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

LUKASZEWICZ, J.

What a track inspector should know about welding. Ft. 1. p. 100.

(PRZEGLAD KOLEJOWY DROGOWY. Vol. 9, No. 7, July 1957. Warszawa, Poland)

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

KUBIKOWSKI, J. (Wroclaw); LUKASZEWICZ, J. (Wroclaw); OPOLSKI, A. (Wroclaw)

Some remarks on the statistical tests for double stars. Acta
astroncm 9 no.1:4-9 '59.

LUKASZEWICZ, J.

3588

517.53 : 621.393.74

Lukaszewicz J., Steinhaus H. On Determining the „Centre of Copper” of a Telephone Network.

„W wyznaczaniu środka miedzi sieci telefonicznej”. Zastosowania Matematyki (PAN). No. 4, Warszawa-Wrocław, 1954, PWN, pp. 299-307, 4 tabs.

The authors solve the problem of determining the optimum location of a telephone exchange, i.e. so determining a point Q that the sum of the distances r_i between the point Q and given points P_i (in which the distribution cabinets are placed), multiplied by positive numbers c_i (proportionate to the cost of a unit of cable length), is at a minimum. The required minimum of the function $\psi(Q) = \sum c_i r_i$ can be determined by means of dynamical analogy. The function $-\psi(Q)$ is the potential of the dynamical system presented. If the points P_i do not lie on a straight line, then the surface $z = \psi(Q)$ is convex downwards and there exist precisely one minimum of the function $\psi(Q)$. From the convexity of the potential there results a new method of approximately determining the minimum of the function, that is by bounding with polygons the domain in which the required minimum is to be found, as well as a method of estimating the minimum value of the function. Iteration constitutes a third method of determining the minimum of the function $\psi(Q)$.

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LUKASZEWICZ, J.

✓ Lukasiewicz, J.; and Steinhaus, H. On measuring by comparison. Zastos. Mat. 2 (1955), 225-231. (Polish. Russian and English summaries) ✓

Thickness being measured with n gauges $d_1 < \dots < d_n$, every s found to satisfy $d_j < s < d_{j+1}$ is taken to be O_j where O_0, \dots, O_n are fixed numbers satisfying $d_j < O_j < d_{j+1}$. Given the d.f. of s , the mean absolute (or squared) error is minimised with respect to O_0, \dots, O_n in terms of d_1, \dots, d_n , or vice versa, or with respect to both sets simultaneously. The numerical solution of the last problem for a normal d.f. and 15 gauges is given. The minimum number of trials is also discussed. S. K. Zaremba.

LUKASZEWICZ, JOZEF

✓ * Lukaszewicz, Józef; and Warmus, Mieczysław. Metody numeryczne i graficzne. Część I. [Numerical and graphical methods, Part I]. Państwowe Wydawnictwo Naukowe, Warszawa, 1956. 429 pp. (1 plate). zł. 29.20.

Math This is a well-written text-book on standard numerical and graphical methods which is suitable for a beginner who had no special training in the subject. The author's aim was to fill an obvious gap in the Polish mathematical literature. It does, nevertheless, contain the authors' original contributions to the art of computing. Since there is an almost complete absence of references, these contributions are difficult to spot and to appraise. The book describes an interesting variant on matrix calculus developed by T. Banachiewicz, and called the "calculus of Cracovians" together with its application to the solution of systems of linear equations.

The emphasis is on procedures, rather than on proofs or discussion. Here is a list of topics: Theory of maximum error; Calculus of differences; Interpolation; Approximation; Algebraic equations; Linear equations and Cracovians; Numerical and graphical differentiation and integration; Co-ordinates and graphs; The slide-rule; Nomograms.

This useful booklet ends with a very modest set of tables and contains an Index.

J. Kestin. *RP*

LUKASZEWICZ, J.; NOWAKOWSKI, T.K. (Wroclaw)

Calculation of the probability of identical quadruplets. Zastos mat
5 no.1:119-139 '60. (EEAI 10:1)

1. Instytut Matematyczny Polskiej Akademii Nauk. Katedra
Propedeutyki Pediatrii Akademii Medycznej we Wroclawiu.
(Quadruplets) (Birth, Multiple) (Probabilities)

LUKASZEWICZ, J. (Wroclaw); SADOWSKI, W. (Warszawa)

On comparing several populations with a control population. Zastos
mat 5 no.3:309-320 '60. (EEAI 10:9)

(Distribution(Probability theory))
(Mathematical statistics)

HIRSZFELDOWA, H.; LUKASZEWICZ, J.; OSINSKA, M.

Developmental defects in relation to serological incompatibility
of mother and fetus. Polski tygod. lek. 7 no. 36:1077-1080. 8 Sept
1952. (CJML 23:5)

1. Of Wroclaw Research Center for Pathology of Pregnancy; of the
First Pediatric Clinic; Of the State Mathematical Institute and of
the Institute of Medical Microbiology.

LUKASZEWICZ, JOSEF

FLECK, Ludwik; KUNICKA, Anna; LUKASZEWICZ, Josef; MALINOWSKA, Maria;
STEINHAUS, Hugo

Problem of carriage of diphtheria. Arch. immun. ter. dosw. 3:
173-190 1955.

1. Instytut Matki i Dziecka w Warszawie (Dyrektor: prof. dr.
F. Groer) Zakład Mikrobiologii (Kierownik: prof. dr. L. Fleck)
Instytut Matematyczny PAN.

(THROAT, microbiology,

Corynebacterium diphtheriae carriage in normal child.
(Pol))

(CORYNEBACTERIUM DIPHTHERIAE,

throat, carriage in normal child. (Pol))

LUKASZEWICZ, J.

Effectiveness of smear examination of diphtheria carriers. p. 48.
(ZASTOSOWANIA MATEMATYKI. Vol. 3, no. 1, 1956, Poland)

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

LUKASZE WICZ, J.
EXCERPTA MEDICA Sec 11 Vol.11/9 O.R.L. Sep 58

1614. A NEW METHOD OF ABORTIVE TREATMENT OF ACUTE NASAL CATARRH - Nowy sposób poronnego leczenia ostrego rieżytu nosa - Łukasze-wicz J. Wojewódzkiego Szpit. MSW, Katowice - PROBL. LEK. 1957, 4/2 (117-127) Graphs 1 Illus. 2

The author describes his proposed method for the abortive treatment of acute catarrh, consisting in hot and then cold sprinkling of both arms in the first period of the disease. Performance of the procedure requires a faultless technique which alone can guarantee success. Positive results were obtained in about 80 cases of the author's practice consisting of over 100 cases treated by this method. The author explains the procedure which is based on the principle of so-called compensatory dominance. According to the author the cold may be explained as a result of the action of an inadequate thermic stimulus, which may produce a state of dominance in the sphere of the upper cervical ganglion, removal of which may be obtained by the above described methods. (XI, 19)

LUKASZEWICZ, Jozef

"An introduction to the mathematics of medicine and biology"
by J.G. Defares and I.N. Sneddon. Reviewed by Jozef Lukaszewicz.
Rocz wiad matem 5:160-162 '61.

LUKASZEWICZ, K.

The giant panda. p. 135.

WISZCZESWIAT. (Polskie Towarzystwo Przyrodnikow im. Kopernika) Warszawa, Poland
No. 5, May, 1959.

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

LUKASZEWICZ, K.

6th Roentgenographic Conference. Wlad chem 15 no.11:732-735
N '61.

LUKASZEWICZ, K.

7th Roentgenographic Conference. Wiad chem 16 no.11:711-713
N '62.

LUKASZEWICZ, K.

Eighth roentgenography seminar. Wiad chem 17 no.11: 679 N'63.

LUKASZEWICZ, K.

The crystal structure of magnesium pyroarsenate, $Mg_2 As_2 O_7$
Bul chim pan 11 no.7:361-364 1963.

1. Institute of Structural Research, Wrocław, Polish Academy of
Sciences. Presented by W. Trzebiatowski.

LUKASZEWICZ, Karol (Wroclaw)

Protection of African fauna. Wszechswiat no.6:148-150 Je '62.

LUKASZEWICZ, K.

Is Rhinopithecus the snow man? Wszechswiat no.6:160-161 Je '62.

LUKASZEWICZ, Karol

Some rare animals in the Wroclaw Zoo. Przegl zool 8 no.2:174-179
'64.

1. Wroclaw Zoo.

LUKASZEWICZ, K.

POL.

Crystal structure of $TiAs_2$. K. Lukaszewicz and W. G. Brachlowski (Inst. Technol., Wrocław). *Bull. Acad. Polon. sci. Classe III*, 2, 277-9 (1954) (in English). The hexagonal unit cell with $a = 3.83$, and $c = 12.04$ kX. Contains 4 mole $TiAs_2$. The space group is $C6/mmc$ with z parameter of the Ti atom of 0.116. The structure represents a slightly distorted type of a closed-packed layer structure with 2 different positions of the As atoms and alternating layers of Ti and As atoms. The calcd. at. distances are Ti-As (I) = 2.821 kX and Ti-As (II) = 2.847 kX, resp.

PH
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LUKASZEWICZ, K.

Unit cells of barium titanates, BaO.2TiO₃ and BaO.4TiO₃.
K. Łukaszewicz and W. Trzebiatowski (Inst. Technol.,
Warsaw, Poland). Roczniki Chem. 29, 943-4 (1955) (Eng-
lish summary).—Unit-cell data for barium titanates BaO.
2TiO₃ (I) and BaO.4TiO₃ (II) were detd. by x-ray studies of
crystals. I is monoclinic with 3 mols. in the unit cell of the
following dimensions: $a = 9.32 \text{ \AA}$, $b = 3.90$, $c = 8.33$, $\beta =$
 102° . II is orthorhombic with 2 mols. in the cell of the fol-
lowing dimensions: $a = 14.63 \text{ \AA}$, $b = 6.3$, $c = 3.70$. Sys-
tematic absences were $(h0l)$ when $(h + l)$ was odd. This is
characteristic of two space groups $D_{2h}^{14}-Pmmn$ and C_{2v}^2-Pmn .
P. Drevfus

CH
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ERENSKI, K.

W. Trzebiatowski, St. Węglowski and K. Łuczyszewski: "Crystal Structure of Bismuth Arsenides, Reczniki Chemii, Vol 30, No 1, Warsaw, 1956. Published from the Chair of Inorganic Chemistry I, Wrocław Polytechnic, and from the Laboratory for Structural Research, Institute of Physical Chemistry of the Polish Academy of Science, 1, 100 55.

LUKAZEWICZ, KAZIMIERZ

Distr: hEjd

²¹ The crystal structure of barium tetrafluoroborate, BaO·4TiO₂,
 Kazimierz Lukaszewicz (Polish: *Wiadom. Wrocław. Polak*).
⁷ *Rochnik. Chem.* 31, 1111-23 (1957) (English summary).
 The crystal structure of BaO·4TiO₂ was determined on the basis
 of rotation and Weissenberg photographs by Patterson and
 Fourier analysis. Cochran's and Dyer's method of general-
 ized projections was used (C.A. 46, 10859g). The unit
 orthorhombic cell with dimensions $a = 11.54 \pm 0.02$, $b =$
 3.76 ± 0.01 , and $c = 6.30 \pm 0.01$ Å, contains 2 formula
 units. The space group is D_{2h}^{14} -Pmmn. The multiplicities
 and symbols of equiv. positions, at coordinates x and z are,
 resp.: Ba 2:(b), $z = 0.709$; Ti 4:(f), 0.036, 0.307;
 Ti 4:(f), 0.126, 0.250; O 4:(f), 0.510, 0.140; O 4:
 (f), 0.592, 0.733; O 4:(f), 0.154, 0.958; O 4:(f),
 0.100, 0.560; O 2:(g), $z = 0.440$. The atoms are ar-
 ranged in chains of TiO octahedra, similar to those occur-
 ring in BaO·2TiO₂. A. Kryglewski

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LURASZEWICZ, K.

SCIENCE

periodicals: WIADOMOSCI CHEMICZNE Vol. 12, no. 12, Dec. 1958

KUDASZEWICZ, K. 3d Roentgenographic Conference. n. 803.

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

POLAND/Physical Chemistry. D

Abs Jour: Ref Zhur-Khim., No 1, 1959, 203.

Author : Trzebiatowski W., Lukaszewicz K.

Inst :

Title : The Crystalline Structure of Arsenides of Zirconium,
ZrAs and ZrAs .

Orig Pub: Roczn. chem., 1958, 32, No 2, 189-201.

Abstract: In the system Zr-As in the range of 30-70% of at. As, two phases were determined by X-ray: ZrAs (I) and ZrAs (II). Crystals of I were examined by the powder method and in the case of II a single-crystal examination was made. The parameters of the lattices: I hexagon., a 3.804, c 12.87 Å, Z = 8, f. gr. P6₃/mmc; II rhombic, a 6.801, b 9.027, c 3.689 Å, Z = 4.

Card : 1/2

12

LUKASZEWICZ, K.; GLOWIAK, T.

The crystal structure of potassium oxycyanorhenate. *Bul chim PAN*
9 no.10:613-617 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences;
Department of Inorganic Chemistry, University, Wroclaw. Presented
by W. Trzebiatowski.

(Potassium compounds)

LJKASZEWICZ, Kazimierz; NAGLER, Elzbieta

Lattice constants and space group of copper pyrophosphate ($\text{Cu}_2\text{P}_2\text{O}_7$).
Rocz chemii 35 no.4:1167-1168 '61.

1. Instytut Chemii Fizycznej, Polska Akademia Nauk, Wroclaw.

LUKASZEWICZ, K.

The 6th roentgenographic conversatorium [held in Wroclaw June 24, 1961]. Przem chem 40 no.10:604 0 '61.

1. Zaklad Badan Strukturalnych, Instytut Chemii Fizycznej, Polska Akademia Nauk, Wroclaw.

LUKASZEWICZ, K.

The cuscus. Wszachewiat no.10:266-267 0 '62.

LUKASZEWICZ, Karol

Zoological gardens, an asylum for vanishing mammals. Przegl
zoolog 6 no.4:303-306 '62.

1. Ogród Zoologiczny, Wrocław.

LUKASZEWICZ, K.

7th Roentgenographic Conference. Przem chem 41 no.9:535 3 '62.

LUKASZEWICZ, K.

The earth pig, *Orycteropus afer* (Pallas). *Wszechswiat* no. 6:
138-139 Je '64.

ZDANOWICZ, W.; LUKASZEWICZ, K.; TRZEBIATOWSKI, W.

Crystal structure of the semiconducting system $Cd_3As_2-Zn_3As_2$.

Bul chim PAN 12 no. 3:169-176 '64.

1. Institute of Structural Research, Polish Academy of Sciences,
Wroclaw. Presented by W.Trzebiatowski.

L 20073-65 EPF(c)/EFP(n)-2/EWT(m)/ Pr-4/Pu-4 SSE(c) GG

ACCESSION NR: AP5001300

P/0045/64/026/03-/0869/0870

AUTHOR: Damm, J. Z.; Lukaszewicz, K.TITLE: Birefringence induced by light in potassium chloride crystals colored by ionizing radiation 19

SOURCE: Acta physica polonica, v. 26, no. 3-4, 1964, 869-870

TOPIC TAGS: natural light, polarized light, birefringence, potassium chloride crystal, ionizing radiation, anisotropic effect, uniaxial crystal, biaxial crystal, double refraction

ABSTRACT: Cubic potassium chloride crystals colored by ionizing radiation were observed to display an anisotropic effect that has not yet been described in the technical literature. The new effect is that of birefringence observed in evenly colored samples after their illumination with natural or polarized light. Under suitable illumination conditions it is possible to obtain both uniaxial and biaxial crystals with optical directions always parallel to the cube edges. Only the light in the range of 625-750 m is active in producing the optical anisotropy, and the light undergoing double refraction is in the same range. Some of the defect prop-

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