

24946

Technology and some properties...

P/019/61/010/002/005/009  
D253/D303

ment method is described in Appendix II. The empirically found formula to satisfy the function of Fig. 23 is:

$$C = \frac{A}{(V_D - V)} \quad (18)$$

Considering other parameters it is to be noted, that the valley voltage cannot be considered as a constant for a given semi-conductor. Its value depends on the technology and alloying materials; further, the peak voltage  $V_p$  is not constant, but changes with the value of the peak current  $I_p$ ; the current ratio  $\alpha$  is almost proportional to the peak current density, suggesting that the valley current does not depend on the same factors as the peak current; both p-n and n-p tunnel diodes exhibit low sensitivity to the temperature changes. See Fig. 29. The author was encouraged in this work by Drs. E. Heasell and J. Lamb. The work was financed by the Admiralty and the Polish Academy of Sciences. Germanium crystals were supplied by Mr. G. Ashton of British Thomson-Houston Research Laboratories, and Dr. F. Gibson of the Royal Radar Research Establishment. There are 38 figures, 3 tables and 14 non-Soviet-bloc refer-

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Technology and some properties...

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D253/D303

ences: The references to the four most recent English-language publications read as follows: L. Esaki, Properties of heavily-doped germanium and narrow p-n junctions. Solid State Phys. in Electronics and..., vol. 1, Semiconductors part 1, pp. 514-523, Acad. Press London (1960); R.N. Hall, Tunnel diodes, IRE Transactions on Electron Devices, January, vol. ED-1, Nr 1, (1960); M.E. Heines, High frequency negative resistance circuit principles for Esaki diode applications. The Bell System Technical Journal, May pp. 477-513, (1960); R.W.A. Scarr, The tunnel diode - a significant new semiconductor device. British Communications and Electronics, April, p. 254 (1960).

SUBMITTED: September 25, 1960

Card 6/8

P/019/62/011/004/010/010  
D271/D308

AUTHOR: Mroziewicz, B.

TITLE: Effect of the alloying time on some properties of germanium tunnel diodes

PERIODICAL: Archiwum Elektrotechniki, v. 11, no. 4, 1962, 829-831

TEXT: The hypothesis that observed relation between the peak current density and the alloying temperature is due to impurity diffusion across the solid-liquid interface, was experimentally checked and confirmed. Experimental p-n junctions were made by alloying Sn-Bi-As into p-germanium doped with gallium. The technique used in alloying is described and illustrated by a photograph and a sketch of the apparatus. Results of measurements of the current density  $i_p$ , the ratio of currents  $I_p$  and  $I_v$ , and of the parameter  $K = I_p/C_v$  are shown in graphs, in function of the duration of alloying process (0 to 6 min). The relation  $i_p = f(K)$  obtained from

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Effect of the ...

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measurements is a straight line in log-log scale as predicted by the simplified theory of Esaki. In experiments, special stress was put on the elimination of all factors which might blur the influence of diffusion. Experience gained in the described work has been successfully applied in the development of microwave tunnel diodes. There are 6 figures.

ASSOCIATION: Zakład Elektroniki, Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk (Department of Electronics, Institute of Fundamental Engineering Problems, Polish Academy of Sciences)

SUBMITTED: May 2, 1962

Card 2/2

MROZIEWICZ, B.

Experiments in determining the correlation between crystal orientation and some properties of tunnel diodes. Archiw elektrotech 11 no.4: 832-834 '62.

1. Zakład Elektroniki, Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

L 18885-63

BDS

ACCESSION NR: AP3006045

P/0019/63/012/001/0201/0220

AUTHOR: Mroziewicz, B. 47

TITLE: An analysis of the effect of impurity diffusion on current density of tunnel diode

SOURCE: Archiwum elektrotechniki, v. 12, no. 1, 1963, 201-220

TOPIC TAGS: tunnel diode, impurity diffusion, current density, junction electric field potential, Poisson equation, p-n junction, space charge boundary, diffusion path length, diffusion probability

ABSTRACT: The purpose of this study is to prove theoretically the hypothesis that the relationship between peak current density of a tunnel diode and the conditions of the thermal alloy process is the result of diffusion of donor impurities from the liquid-solid zone into the crystal. An analysis is made of the relationship between the electric field potential at the junction from the length of diffusion movement of impurities. The Poisson equation for the p-n junction with impurity profile resulting from donors diffusion into a

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L 18885-63

ACCESSION NR: AP3006045

p-type crystal is solved. Boundaries of the space charge region in the junction are found as a function of diffusion length. An approximate expression is derived for the probability of tunneling as function of the maximum field potential at the junction and of the diffusion length. According to Esaki it has been assumed that peak current density of a tunnel diode is proportional to tunneling probability. On Figure 1 of Enclosure 1, the function of distribution of impurities in the junction is represented graphically. Relationship between the length of diffusion path and the parameter  $n$  is shown on Figure 6 of Enclosure 2. The relationship between tunneling probability and the length of diffusion path for various  $n$  values is shown on Figure 8 of Enclosure 3. Relationship between experimentally obtained peak current density and diffusion time is given on Figures 9 and 10 of Enclosure 4 and 5 respectively, and the relationship between this current and temperature of the process is shown on Figure 11 of Enclosure 6. The obtained results show that it is possible to attribute these functional relationship to the diffusion phenomenon, since computed and theoretical results are in agreement. The hypothesis, therefore, holds. "The author expresses sincere appreciation to Dr. St. Sikoycki for a number of

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E 18885-63

ACCESSION NR: AP3006045

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valuable discussions and to Prof. Dr. W. Rosinski for friendly sponsorship of this study." Orig. art. has 11 figures and 37 formulas.

ASSOCIATION: Zaklad elektroniki-IPPT PAN (Electronics Institute, Institute for Fundamental Technical Problems, Polish Academy of Sciences)

SUBMITTED: 24Sep62

DATE ACQ: 15Jul63

ENCL: 06

SUB CODE: CO, PH

NO REF SOV: 001

OTHER: 009

Card 3/83



L 36213-66 EEC(k)-2/T IJP(c)

ACC NR: AP6018026

SOURCE CODE: PO/0019/65/014/003/0475/0492

AUTHOR: Mroziewicz, B.

ORG: Institute of Electronics IPPT-PAN (Zaklad Elektroniki IPPT-PAN)

TITLE: Effect of various factors on scatter of tunnel diode parameters

SOURCE: Archiwum elektrotechniki, v. 14, no. 3, 1965, 475-492

TOPIC TAGS: tunnel diode, flip flop circuit, pn junction

ABSTRACT: The author considers the scatter in parameters of tunnel diodes due to non-homogeneity of the base material and variations in production conditions during manufacturing. Scatter in the parameters of these semiconductor devices is one of the principal causes for rejection during quality control since the dimensions of the p-n junction in microwave diodes are usually close to the critical values which cannot be exceeded without destruction of the diode. Besides this, there are many applications where a large number of diodes with nearly identical parameters are required, particularly in flip-flop circuits. An analysis of the properties of a p-n junction made under practical conditions (i. e. taking impurity diffusion into account) is used as a basis for derivation of formulas for determining the peak current, negative resistance and barrier capacitance as well as time constants  $RC$  and  $r_g c$ . These formulas are used for studying deviations in the parameters caused by changes in the impurity

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UDC: 621.382.12:669.783

L 36213-66

ACC NR: AP6018026

concentration of the base material and of the recrystallization zone of the  $p-n$  junction, as well as by changes in the temperature and duration of the diffusion process. The results indicate that conditions should be satisfied for keeping the scatter in current density  $i_p$  at a minimum as a first step toward reducing the scatter in the other basic parameters of tunnel diodes. Scatter in current density may be minimized by carefully controlled diffusion conditions, and by variation of the acceptor concentration in the base material and of the donor concentration in the recrystallized zone. It is shown that the shape of the static characteristics for a tunnel diode is uniquely determined by the position of the two points corresponding to coordinates  $I_p, V_p$  and  $I_v, V_v$  and that the ratio of peak to valley current is a linear function of valley voltage for diodes made at various temperatures. Orig. art. has: 19 figures, 1 table, 21 formulas.

SUB CODE: 09/ SUBM DATE: 11Jan65/ ORIG REF: 002/ OTH REF: 004

Card 2/2 *ll*

L 23655-66 FBD/EEG(K)-2/T/EWF(K)/EWA(H) IJP(c) WG:

ACC NR: AP6011820

SOURCE CODE: PO/0019/66/015/001/0163/0166

AUTHOR: Mroziewicz, B.--Mroziewich, B.; Swiderski, J.; Darek, B.

56

ORG: Department of Electronics, IPPT PAN (Zaklad Elektroniki IPPT PAN)

53

TITLE: Polish-made p-n junction gallium arsenide laser

25

B

SOURCE: Archiwum elektrotechniki, v. 15, no. 1, 1966, 163-166

TOPIC TAGS: laser, gallium arsenide laser, electric model, optic model, construction method, pn junction laser

ABSTRACT: The article describes the design and fundamental parameters of a p-n junction gallium arsenide laser, produced at the Department of Electronics of the Institute of Fundamental Problems of Technology, Polish Academy of Sciences. The p-n (laser) was obtained by the diffusion mono-crystals  $\text{SiO}_2$  and GaAs n-type, with tellurium added to a concentration of  $1.8 \cdot 10^{18} \text{ atm/cm}^3$ . The contacts for both regions (areas) were produced of gold and nickel. The resistance of the diode in the range of high-voltage currents equaled  $0.2 \Omega$ . The density of the threshold current fluctuated depending on the length of the resonator and the state of it's surface mirrors between  $4000 \text{ A/cm}^2$  and  $16,000$ .

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L 23655-66

ACC NR: AP6011820

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$A/cm^2$ , while the pulse output power (1  $\mu s$ , 100 cps) ranged from 0.8w to 14w. The other parameters of the electric and optical models of the lasers did not differ from the averages presented in the literature. The first positive tests were also conducted for applying these lasers to measuring the parameters of materials of some semiconductors. The authors wish to express their gratitude to Prof. Dr. Eng. W. Rosinski for supervising the study; to Dr. S. Sikorski for developing a method and conducting the orientation in the growth of GaAs crystals; to Magr. Eng. S. Siekierski for his cooperation in the seeding technology; and all other workers of the Department of Electronics who have contributed toward the realization of the laser project. Orig. art. has: 10 figures. [Based on author's abstract] [AM]

SUB CODE: 20/ SUBM DATE: 11Jul65/ ORIG REF: 001/  
SOV REF: 001/ OTH REF: 005/

Card 2/2 N

MROZIKIEWICZ, A.; WIDY, W.

Pigmentary changes in the hairs of animals fed on milk from a mother  
poisoned with thallium. Bull soc. amis sci Poznan [Med] Ser. C  
no.10:35-39 '61. (THALLIUM toxicol) (PIGMENTATION DISORDERS exper)  
(MILK)



MROZIKIEWICZ, Aleksander; WROGINSKI, Tadeusz, dr

Evaluation of the diuretic activity of bluebottle flowers (*Centaurea cyanus* L.). Inst przem ziel Biul 8 no.1/2:65-70 Mr-Je '62.

1. Zakład Farmakologii, Akademia Medyczna, Poznan; Kierownik: prof. dr J.Dadlez; i Zakład Farmakologii Instytutu Przemysłu Zielarskiego, Poznan; kierownik: dr. T.Wrocinski.

\*

MAZUROWA, Aleksandra; MROZIKIEWICZ, Aleksander

Effect of glutamic acid on the circulatory system of experimental animals. Acta physiol. polon. 13 no.6:797-806 '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Poznaniu Kierownik: prof. dr S. Kwasniewski Z Zakladu Farmakologii AM w Poznaniu Kierownik: prof. dr J. Dadlez.

(BLOOD CIRCULATION) (ELECTROCARDIOGRAPHY) (HYPOTENSION)  
(ARRHYTHMIA) (HEART ARREST) (GLUTAMATES)



POLAND

PROZINKIEWICZ, Aleksander and SIBI, Stanislaw, Department of Pharmacology (Katedra Farmakologii), An [Academia Medica], Medical Academy, in Poznan (Director: Prof. Dr. J. SIBI)

"On the Detoxicating Effect of Urethane and Other Less Frequently Used Drugs in Thallium Poisoning. Experimental Studies."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 49, 3 Dec 51, pp 1900-1902

Abstract: [Authors' English already modified] The effect of iodoacetamide, U.S. and urethane as preventives of thallium poisonings in rats proved negative. Of the 24 references, nine (9) are Polish, eight (8) German, three (3) French, and four (4) English.

1/1

CHODERA, Alfons; MROZIKIEWICZ, Aleksander

Effect of glutamic acid on the course of hypoglycemic shock  
in rats with removed and intact adrenals. Acta physiol. pol.  
14 no.3:289-296 '63.

1. Z Zakładu Farmakologii AM w Poznaniu Kierownik: prof. dr  
J. Dadlez.

(GLUTAMATES) (PHARMACOLOGY) (ADRENALECTOMY)  
(HYPERINSULINISM) (SHOCK)

WYSOCZYNSKA, Halina; MROZINSKA, Barbara

A focus in influenza in Gdansk in 1963. Przegl. epidem. 18  
no.2:245-248 '64.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Gdansku.

MRZINEKA-JEBB, DR.

Two interesting species of Oedogonia found in the Gorzalkowice Reservoir. Acta hydrobiol 6 no.1481-85 '64

1. Instytut Botaniki, Polska Akademia Nauk, Krakow.

MROZINSKA-WEBB, Teresa, dr

*Bulbochaete pygmaea* Pringsheim Bialskie Lake. Acta  
hydrobiol 6 no.3:183-186 '64.

1. Institute of Botany, Polish Academy of Sciences Krakow.

*WROZINSKI, Bernard*

**RUSIN, Andrzej; WROZINSKI, Bernard**

**Binocular protective dressing following cataract surgery. Klin. ocsna 27 no.2:187-189 1957.**

**1. Z Oddzialu Chorob Oczu Szpitala Wojewodzkiego w Bydgoszczy  
Ordynator: dr. med. E. Businowa. Bydgoszcz, pl. Weyssenhofa 7 m. 2.**

**(CATARACT EXTRACTION**

**postop. binocular protective dressing, design & use (Pol))**

**(BANDAGING AND DRESSING**

**binocular protective dressing following cataract  
extraction, design (Pol))**

MROZINSKI, B.

B. Mrozinski (Bydgoszcz), "Der Augentiker-Kongress in Polen,"  
Monatsschrift fuer Feinmechanik und Optik (Berlin), 74/3, March 1957,  
p. 67.

This article deals with the Opticians' Congress, held in Krakow on 9 December 1956. The meeting was officially opened by J. Razny, chairman of the craftsmen's chamber in Krakow. One of the speakers mentioned was optician S. Kulinski of Warsaw. He spoke of the impressions he gained during his sojourn in the DDR on the occasion of the Leipzig fall fair.

MROZINSKI, P.

MROZINSKIY, Piotr, insh.

Radio competitions in Poland. Radio no.12:12 D '60. (MIRA 14:1)

1. Zameshitel' rukovoditelya otдела svyazi Glavnogo pravleniya  
Ligi Drusey Soldata.  
(Poland—Radio)



MROZINSKI, S.

The heart-water test (Feijgin test) in light of author's own observations. Polski tygod. lek. 7 no.1-2:6-16 7 Jan 1952,  
(CML 22:2)

1. Of the Clinic of Internal Diseases (Head--Prof. J. Wegierko, M. D.) of Maritime Medical Academy imienia Gen. Swierasczewski in Szczecin.

MROZINSKI, Stanislaw; WASNIOWSKA, Maria

Electrocardiography in experimental transient hypothermia.  
Acta physiol. polon. 7 no.4:393-404 1956.

1. Z Zakładu Farmakologii Pomorskiej A.M. w Szczecinie.

Kierownik: s-ca prof. dr. M. Mazur.

(HYPOTHERMIA, exper.

ECG in rabbits (Pol))

(ELECTROCARDIOGRAPHY

in exper. hypothermia in rabbits (Pol))

MROZINSKI, Stanislaw; NOISZEWSKI, Tadeusz

Development of electrocardiographic changes in a case of stab wound of the heart. Polski tygod. lek. 11 no.15:653-655  
9 Apr 56.

1. Z Kliniki Chorob Wewn. Pomorskiej Akad. Med. Szczecinie;  
kier. doc. dr. Edward Gorzkowski, Szczecin 3, ul. Czorszynska  
12.

(HEART, wounds and injuries,  
stab wound in suicide, ECG (Pol))

(WOUNDS AND INJURIES,  
heart, stab wound in suicide, ECG (Pol))

(SUICIDE,  
stab wound of heart, ECG (Pol))

MROZINSKI S.

EXCERPTA MEDICA Sec.18 Vol.1/5 Cardiovascular May 57

1356. MROZINSKI S., ZIELINSKI W., CHMIEL T., PAWLUKOWA I., MIKOSZA D. and NOISZEWSKI T. Klin. Chor. Wewn. Pomorskiej Akad. Med., Szczecin; Zakl. Anat. Patol. Pomorskiej Akad. Med., Szczecin. Peknicie serca w zawale *Rupture of the heart in infarction* Pol. Tyg. lek. 1956, 11/26 (1166—1173) Graphs 5 Illus. 11

The authors present 3 cases of the heart in infarction and a 4th case of rupturing the heart in infarction with a needle during the puncture after clinical death. In the first case the attention has been called to deformation of S-T section in the ECG curve, in CR lead, obtained by laying the examining electrode over the place of rupture. In the 2nd case the similarity of ECG picture to the curve of the 1st case in the form of additional deflection upon the elevated S-T section enabled to diagnose the rupture of the heart in infarction, which was confirmed by postmortem examination. In the 3rd case the ECG picture was not characteristic. Infarction and rupture were on the posterior wall of the left ventricle. In the 4th case, after clinical death, at the moment of rupturing the heart after infarction with a needle there was observed in the extinguishing ECG curve an additional deflection. In the clinical pictures of the ruptured heart the shock and growing cyanosis are dominating. In the post-mortem findings the extensive parenchymatous degenerations and atrophic lesions predominate, with the presence of lipofuscin in the sarcoplasm of the muscle and with fatty metaplasia of the connective tissue barriers, which penetrate among the muscle bundles from the side of the epicardium abounding in fatty tissue.

## EXCERPTA MEDICA Sec 18 Vol. 1/11 Cardiovas. Dis. Nov 57

3305. MROZIŃSKIS, and NOISZEWSKI T. 2. Klin. Chorób Wewnet. Pomorskiej A. M., Szczecin. Zmiany elektrokardiograficzne w doświadczalnych ranach serca *Electrocardiographic changes in experimental heart wounds* Arch. Med. wewnet. 1956 26/6 (927—940) Graphs 15 Illus. 3

The authors tried to detect in the experimental heart wounds deformations of the elevated S-T section in the form of an additional deflection, as seen by them in cases of heart rupture in infarction. At the same time they wanted to compare ECG of fresh heart wounds in animals with subsequent changes in cases of surgical heart wounds in man. The animals under ether anaesthesia were wounded with a scalpel in the precardiac region. For ECG examinations a typical clinical electrode was used in the side for a precardiac lead; needle electrodes were stuck s.c. for the standard extremity leads. In one case a thick needle was stuck through the wound into the precardiac electrode. The localization of heart wounds was established with post-mortem examination. In a series of experiments 11 animals were used (9 dogs and 2 cats). The myocardium was injured without damaging the coronary vessels in 5 dogs. Serial electrocardiograms of single and multiple heart wounds were analysed. Conclusions: (1) the ECG of multiple heart wounds in animals is characterized by a high take-off and deformation of S-T section, similar to that in cases of heart rupture in myocardial infarction in man. (2) The most characteristic curve appears in the chest lead, in which the examining electrode is situated most closely to the heart wound. (3) Simple and combined arrhythmias belong to the full ECG picture of heart wounds in animals. (4) ECG changes of experimental heart wounds are very changeable and require a serial examination. (VI, 18)

MROZINSKI, Stanislaw (Szczecin, ul. Czorsztynska 12.)

Electrocardiographic findings in puncture wound of left cardiac auricle. Polski tygod. lek. 14 no.15:669-673 13 Apr 59.

1. (Z II Kliniki Chorob Wewnetrznych P. A. M. w Szczecinie; kierownik: doc. dr med. Edward Gorzkowski).

(HEART, wds. & inj.

puncture wound of left auric., ECG (Pol))

(ELECTROCARDIOGRAPHY, in various dis.

puncture wound of left auric. (Pol))

MROZINSKI, Stanislaw; BARTOSIEWICZ-ORLOWSKA, Irena

Myocardial infarct in a 27-year-old ship welder. Pol. tyg. lek. 17  
no.14:517-519 2 Ap '62.

1. Z I Kliniki Chorob Wewnętrznych PAM w Szczecinie; kierownik: prof.  
dr med. Feliks Bolechowski.

(MYOCARDIAL INFARCT etiol) (OCCUPATIONAL DISEASES etiol)

MROZINSKI, Stanislaw; CIESLINSKA, Krystyna; PILARSKA, Krystyna

Pulmonary embolism associated with changes in muscles of the left ventricle. Pol. tyg. lek. 20 no.30:1118-1120 26 J1 '65.

1. Z I Kliniki Chorob Wewnetrznych Pomorskiej AM w Szczecinie (Kierownik: doc. dr. med. Karol Gregorczyk).



DURLAKOWA, Irena; MARESZ-BABCZYSZYN, Jadwiga; PRZONDO-HESSEK, Anna;  
LUSAR, Zofia; MROZ-KURPIELA, Ewa

The phenomenon of bacteriocinogeny in bacilli of the genus  
Klebsiella. I. Characteristics of Klebsiella bacteriocins.  
Arch. immun. ther. exp. 12 no.3:308-318 '64.

The phenomenon of bacteriocinogeny in bacilli of the genus  
Klebsiella. II. Bacteriocins produced by strains of Klebsiella  
bacilli isolated from patients with ozena. Ibid.:319-331

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

<sup>KI</sup>  
MROZINSKI, W.

(GAZ, WODA, I TECHNIKA SANITARNA, Vol. 27, No. 11, Nov. 1953, Warsaw, Poland)  
"A classification of installations used for the purification of sewage from metallurgical plants from the point of view of qualitative changes in impurities." p. 332

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

MROZINSKI, W.

Characteristics of the water of the upper Vistula on the basis of local analysis,  
p. 61. (GOSPODARKA WODNA, Warszawa, Vol. 15, no. 2, Feb. 1955.)

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

MBDZC/TI, Pelebia7

addresses in standard letter (air organization) ...  
164.

MROZOVSKI, M.

Development of geological research in People's Poland (20th anniversary of the Polish People's Republic). Sov. geol. 8 no.6:9-34 Je '65. (MIRA 18:8)

MROZOVSKIY, D.S.

Effect of perirenal novocaine block hemodynamic changes during  
surgery on organs of the abdominal cavity. *Eksp. khir.* 5 no.1:  
28-31 Ja-F '60. (MIRA 13:12)  
(ABDOMEN—SURGERY) (LOCAL ANESTHESIA)

MROZOVSKIY, K.

Trade-union organisations will use their rights. Zhil.-khoz. khoz.  
9 no.9:12-13 '59. (MIRA 13:2)

1. Predsedatel' Voronezhskogo obkoma profsoyuza rabochikh mestnoy promysh-  
lennosti i kommunal'nogo khozyaystva, Voronezh.  
(Voronezh Province--Trade unions)

MROZOWSKA, Jadwiga, Warszawa, Plocka 26

Disturbances of the ovarian function in women with pulmonary tuberculosis and tuberculosis of the genitalia. Gruzlica 22 no.9:611-619 Sept 54.

1. Z Oddzialu Polosniczo-Ginekologicznego Instytutu Gruzlicy.  
Kierownik: doc. dr. M.Serini-Bulska; Dyrektor: prof. Dr. Misiewicz

(PULMONARY TUBERCULOSIS, complications  
ovarial funct. disord. in women)

(TUBERCULOSIS, FEMALE GENITAL, complications  
ovarial funct. disord.)

(OVARIES, diseases  
insuff. in pulm. & genital tuberc. in women)



MROZOWSKA, Jadwiga; PIOTROWSKI, Andrzej

Pre-invasive cancer during pregnancy. Gin. polska 28 no.1:  
73-76 Jan-Feb 57.

1. Z Oddziału Polozniczo-Ginekologicznego Instytutu Gruzlicy  
Kierownik: prof. dr. M. Bulska. I Zakładu Anatomo-Patologii  
Instytutu Gruzlicy Kierownik: prof. dr. St. Chodkowska,  
Dyrektor: prof. dr. J. Misiewicz, Instytut Gruzlicy: Warszawa,  
ul. Plocka 28.

(PREGNANCY, compl.

uterine cancer, pre-invasive (Pol))

(UTERUS NEOPLASMS, in pregn.

pre-invasive (Pol))

MROZOWSKA, Jadwiga

Cytology of labor. Gin.polska 30 no.5:601-604 S-0 '59.

1. Z Oddziału Ginekologiczno-Położniczego Instytutu Grusicy  
Dyrektor: prof. dr J. Misiewicz [deceased] Kierownik: prof.  
dr M. Bulska.

(LABOR)

(PREGNANCY)

(VAGINAL SMEARS in pregn)

MROZOWSKA, Jadwiga; PIOTROWSKI, Andrzej

Simultaneous cancer of the corpus uteri and ovaries. Polski  
tygod.lek. 15 no.23:877-878 6 Je '60.

1. Z Oddziału Polozniczo-Ginekologicznego Instytutu Gruzlicy;  
kierownik: prof. dr med. M.Bulska oraz z Oddziału Patologii  
Instytutu Gruzlicy kierownik: prof. dr med. S.Chodkowska  
(UTERUS NEOPLASMS compl)  
(OVARY neopl)

MROZOWSKA, Jadwiga

Partial hydatiform mole. Gyn.polska 31 no.6:675-678 N-D '60.

1. Z Instytutu Gruskiej Dyrektor Instytutu Gruskiej: prof. dr  
med. W. Jaroszewicz Oddział Polosniowo-Ginekologiczny Kierownik:  
prof. dr M. Bulska.

(HYDATIFORM MOLE)

MROZOWSKA, Jadwiga; ORCZYKOWSKI, Albin

Presentation of the fetal hand before the rima pudendi. Gyn.polska  
31 no.6:678-681 M-D '60.

1. Z Instytutu Grusley Dyrektor: prof. dr med. W. Jaroszewicz  
Dyrektor: prof. dr med. W. Jaroszewicz Kierownik: prof. dr med.  
M. Bulska.

(LABOR PRESENTATION) (MONGOLISM case reports)

MROZOWSKA, Jadwiga

Remote results of the treatment of pre-invasive cancer of the cervix uteri. Nowotwory 12 no.2:139-146 '62.

1. Z Oddziału Położniczo-Ginekologicznego Instytutu Gruzlicy  
Kierownik: prof. dr med. M. Serini-Bulska Dyrektor: prof. dr  
med. W. Jaroszewicz.

(CERVIX NEOPLASMS surg) (HYSTERECTOMY)

MROZOWSKA, K.

Lawrynowicz, A., and Mrozowska, K., Warsaw Inst. of Hyg. Hamujace dzialanie pewnych zarodnikowcow na wzrost paleczki durowej the inhibitory action of some sporogenic bacteria on the growth of typhoid bacilli *Medycyna Doswiadczalna i Mikrobiologia*, Warsaw 1949, 1 (106-108)

Three strains of sporogenic bacteria were isolated from the air. The bacteria showed bacteriostatic and lytic action on typhoid and dysentery bacilli. No bacteriostatic factor could be found in the filtrate of the culture of these bacteria.

Kurylowicz-Warsaw

So: Medical Microbiology and Hygiene, Section IV, Vol. 3, No. 1-6

MROZOWSKI, B.

"For Closer Contact of the Polish Committee on Standards with its Regional Branches," P. 99. (WIADOMOSCI, Vol. 22, No. 2, Feb. 1954. Warszawa, Poland)

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



MROZOWSKI, B.; ZYZNIEWSKI, M.

"Remarks on the Elaboration of Standards," P. 267. (WIADOMOSCI, Vol. 22, No. 5, May 1954. Warszawa, Poland)

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

MRCZOWSKI, Boleslaw, ins.

Complex execution of standardization assignments. Normalizacja 29  
no.11/12:509-511 '61.

1. Czlonek kolegium redakcyjnego miesiecznika "Normalizacja".

(Poland—Standardization)

MROZOWSKI, Dymitr.

Surgical approach to the organs located under the diaphragm.  
Polski tygod. lek. 10 no. 34: 1118-1120 22 Aug '55

1. Z II Kliniki Chirurgicznej Pomorskiej A M im K. Swierczewskiego w Szczecinie; kierownik: doc.dr med. Wladyslaw Rafal Heftman Szczecin, II Klinika Chirurgiczna Pom. A.M.

(SURGERY, OPERATIVE,

approach to organs under diaphragm)

(SPLENO-MEGALY, surgery

direct approach, Topchibashev method)

MROZOWSKI, Dymitr.

Preventive role of adrenal novocain blocks in surgical shock.  
Polski przegl.chir. 27 no.7:647-651 July '55.

1. Z II Kliniki Chirurgicznej Pomorskiej.A.M. x Szczecinie.  
Kierownik Kliniki:doc. dr. Wl. R.Heftman.

(SHOCK,

surg.,prev. by procaine block of adrenal)

(ANESTHESIA, REGIONAL, in various diseases

surg.,shock, prev. by procaine block of adrenal)

(PROCAINE, ther.use

surg.,shock prev. by adrenal block)

MROZOWSKI, Dymitr

Clinical observations on Vishnevskii's local anesthesia.  
Polski tygod. lek. 11 no.27:1201-1206 2 July 56.

1. Z II Kliniki Chirurgicznej Pomorskiej Akademii Medycznej w  
Szczecinie; kierownik: doc. dr. Med. Wladyslaw Heftman, Szczecin,  
ul. O. Bejszyna 4 m. 4.

(ANESTHESIA, LOCAL,  
Vishnevskii's method (Pol))

HEFTMAN, Wladyslaw Rafal; MROZOWSKI, Dymitr

Procedure in emergency condition in hemorrhagic gastritis. Polski  
przepl. chir. 30 no.5:504-506 May 58.  
(GASTRITIS, compl.  
hemorrh., surg. (Pol))

HEFTMAN, Wladyslaw Rafal; MROZOWSKI, Dymitr

Local anesthesia associated with neuroplegia. Polski przegl. chir. 31  
no.3:289-297 Mar 59.

1. Z II Kliniki Chirurgicznej P. A. M. w Szczecinie. Kierownik: doc. dr  
Wl. R. Heftman. Szczecin, ul. Wojciechowskiego 12.

(HIBERNATION, ARTIFICIAL,  
in local anesth. (Pol))

MROZOWSKI, Dymitr.

Arrest of a severe hemorrhage of the esophagus caused by a gastric foreign body. Polski tygod. lek. 15 no.17:643-644 25 Ap.'60.

1. Z II Kliniki Chirurgicznej P.A.M. w Szczecinie; kierownik: doc dr med. Wl.R.Heftman.

(STOMACH for bodies)

(ESOPHAGUS dis)

(HEMORRHAGE etiol)



MROZOWSKI, D.; SEMANYCZ, J.; BOGUNOWICZ, A.

Effect of the type of anesthesia and of the bacterial flora of the respiratory tract on the frequency of postoperative pulmonary complications. Roczn. pom. akad. med. Swierczewski. 8:339-350 '62.

1. Z II Kliniki Chirurgicznej Pomorskiej Akademii Medycznej Kierownik: prof. dr med. W.R. Heftman i z Zakladu Mikrobiologii Pomorskiej Akademii Medycznej Kierownik: prof. dr med. W. Murczynska.

(SURGERY OPERATIVE) (LUNG DISEASES) (ANESTHESIA)  
(RESPIRATORY SYSTEM) (STREPTOCOCCUS) (STAPHYLOCOCCUS)

HEFTMAN, Wladyslaw Rafal; MROZOWSKI, Dymitr; MIELCAREK, Stanislaw

Our remote results in the use of choledochoduodenostomy and other surgical fistulae joining the biliary tract with the digestive system. Roczn. pom. akad. med. Swierczewski 9: 221-232 '63.

1. Z II Kliniki Chirurgicznej Pomorskiej Akademii Medycznej  
Kierownik: prof. dr W. R. Heftman i z Zakladu Radiologii  
Pomorskiej Akademii Medycznej Kierownik: prof. dr nauk med.  
Cz. Murczynski.

(COMMON BILE DUCT) (BILIARY TRACT)  
(GASTROINTESTINAL SYSTEM) (SURGERY, OPERATIVE)

MROZOWSKI, Dymitr

Long-range results of surgical treatment of hallux valgus using  
Dega's technique. Chir. narzad. ruchu ortop. Pol. 39 no. 3: 27-30  
'65.

1. Z II Kliniki Chirurgicznej Pomorskiej AM w Szczecinie ( kierownik:  
prof. dr. med. W.R. Heftman).

MROZOWSKI, J.

Simplified method of determining the value of QT interval in electrocardiograms. Polski tygod. lek. 7 no. 13:366-367 31 Mar 1952. (ELML 22:4)

1. Of the Internal Clinic (Head--Prof. L. Tochowics, M. D.) of Krakow Medical Academy.

MROZOWSKI J.

TOCHOWICZ, Leon; MROZOWSKI, Jerzy; EROL, Wladyslaw

Clinical evaluation of Wolff-Parkinson-White syndrome according to observations on 14 cases. *Polskie arch. med. wewn.* 24 no.4: 543-560 1954.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Krakowie.  
Kierownik: prof. dr Leon Tochowicz.

(HEART BLOCK,

Wolff-Parkinson-White synd., clin. aspects)

MROZOWSKI, Jerzy

Comparison of side effects and complications following the administration of melleril (TP-21 "Sandoz") and chlorpromazine. Pol. tyg. lek. 17 no.13:472-475 26 Mr '62.

1. Z Panstwowego Szpitala dla Nerwowe i Psychicznie Chorych w Toszku, pow. Gliwice; dyrektor: dr Irena Buchowska.

(TRANQUILIZING AGENTS toxicol)  
(CHLORPROMAZINE toxicol)

POLAND

MROZOWSKI, Jerzy, Dr. med, Ordynator of Fourth Division of Internal Diseases (IV Oddzial Chorob Wewnetrznych), Municipal Hospital (Szpital Miejski) in Gliwice (Director: Dr. Kazimierz BIENKOWSKI)

"On Treatment of Hypertension with Guanetidin (Ismelin-Ciba)."  
Warsaw, Polski Tygodnik Lekarski, Vol 18, No 25, 17 Jun 63,  
pp 903-906

Abstract: [Author's English summary modified] Report of a study of 10 patients, with daily dose of 8-50 mg, and duration of several days up to 7 weeks. Pressure came down in 7 cases, and diminished changes in the bottom of the eye in 5. Mild side effects of orthostatic nature were noted in 8 of the cases and disappeared on the most part on diminishing the dose. Severe orthostatic disturbances resulted in discontinued treatment in 2 cases, and diarrhea corrected by Belladone - in one. Author concludes that the drug is as good as many others, and that after initiation in the hospital, treatment can be continued on an out-patient basis. 21 refs: 3 Polish, 18 Western.  
1/1

MROZOWSKI, Jerzy

Treatment of hypertension with guanethidine (Ismelin "Ciba").  
Pol. tyg. lek. 18 no.25:903-908 17 Je '63.

1. Z IV Oddziału Chorob Wewnętrznych Szpitala Miejskiego w  
Gliwicach; ordynator Oddziału: dr med. Jerzy Mrozowski,  
dyrektor Szpitala: dr Kazimierz Bienkowski.  
(HYPERTENSION) (GUANETHIDINE)



MROZOWSKI K.

PALUCH, B.; MROZOWSKI, K.; PODDEBNIAK, S.

[Hemoglobin levels of Polish workers] Hodnoty haemoglobinu u delniki  
v polsku v r. 1948. Pracovni lek. 2 no.1:1-9 F '50. (CML 19:1)

1. Of the Institute of Public Hygiene and of the Department of Industrial  
Hygiene of the State Institute of Hygiene, Lodz. (Head -- Prof. Emil  
Paluch, M.D.).

EXCERPTA MEDICA Sec. 17 Vol. 3/10 Public Health Oct. 57

3141. MROZOWSKI K. \*Zapylenie powietrza w 3 Łódzkich zakładach przemysłu metalowego. Dustiness in 3 metallurgic factories in Łódź  
MED. PRACY 1956, 7/6 (415-419) Tables 2

The dustiness of air in 3 metal castings factories was examined. The percentage of free  $\text{SiO}_2$  in river sand used for cleaning the castings is 88-93%. Dust determination was carried out by the microimpinger. The obtained data are 9 to 46 times higher than MAC values valid in USA. For dust particle size examination Graen's and Watson's thermoprecipitator was used. Samples were determined with oil immersion and microprojection on the calibrated screen. The geometric medium value ranges from 0.58 to 0.62 micron and is statistically insignificant. The same values are obtained for the 3 establishments examined. These results show a real danger to workers' health.

MROZOWSKI, M.; JURKIEWICZ, W.

"Geology and its Relation to New Industrial Centers." p.23  
(PRZEGLAD GEOLOGICZNY No. 1/2, Jan./Feb. 1954 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MROZOWSKI, M.

State geologic service. p. 11.

PRZEGLAD SPAWAINICTWA (Stowarsyzszenie Inzynierow i Technikow Mechankow  
Polskich) Warszawa, Poland. Vol. 80, No. 49, Dec. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.

Uncl.

**MROZOWSKI, Mieczyslaw**

The organization and trends in the activities of the Polish geological service. *Przeegl geol* 8 no.10:505-509 0 '60. (KEAI 10:9)

1. Prezes Centralnego Urzedu Geologii.

(Poland—Geology)

MROZOWSKI, Mieczyslaw; KOZUBSKI, Franciszek; RUTOWSKI, Tadeusz

The necessary geologic research for planning new hard coal mines.  
Przegl geol 9 no.6:296-301 Je '61.

(Poland--Geology) (Poland--Coal mines and mining)

MROZOWSKI, Mieczyslaw

July 22, 1944-July 22, 1961. *Przegl geol* 11 no.7:345-346 J1 '61.

1. Prezes Centralnego Urzedu Geologii.

MRÓZOWSKI, Mieczysław, doc. mgr inż.

Achievements of Polish geology during the current five-year economic plan. Przegl techn no.49:3,4 9 D '62.

1. Prezes Centralnego Urzedu Geologii, Warszawa.



MROZOWSKI, M., doc. mgr inz.

**Reminiscences about Docent Zygmunt Ochab. Gornictwo Gliwice  
no.5:11-13 '63.**

MROZOWSKI, Mieczyslaw

Development and results of activities of the State Geologic Services during the last ten years. Przegl geol 11 no.2:69-72 P '63.

1. Prezes Centralnego Urzedu Geologii, Warszawa.

MROZOWSKI, Mieczyslaw, doc. mgr inz.

Activities of the state geologic services for the needs of  
water management. Gosp wodna 23 no. 8/9:295-298 Ag-S '63.

1. President, Central Office of Geology, Warsaw.

MRONOWSKI, M. doc. mgr 197.

Raw material base of People's Poland. Przegląd techniczny no. 28:  
5-19 N 1974

1. president, central office of Geology, Warsaw.

DOLATKOWSKI, Augustyn; LENKO, Jan; MROZ, ~~MASILEWSKA~~, Zofia; WOCHNA,  
Zdzislaw.

Studies on the effect of radar microwaves on rabbit testes and  
epididymis. Pol. przegl. chir. 35 no.11:Supplement: 1221-1227  
N°63.

1. Z Kliniki Urologicznej WAM (kierownik: prof.dr.J.Lenko); z  
Katedry Endokrynologii AM w Lodzi (kierownik: prof. dr. T.  
Pawlikowski) i z Katedry Medycyny Morskiej WAM (kierownik:  
prof.dr. A. Dolatkowski).

MRSA, Vjekoslav, inz.

The 220 kv. portion of the Vinodol-Rijeka wire. Energija Hrv 11 no.11/12:  
409-410 '62.

MRSEVIC, Dragoljub, asist. dr.

Development of the elastic fibers in embryonic gallbladder and their role in adults. Srpski arh.celok.lek.87 no.10:1218-1224 Oct. 54.

1. Histoloski institut Medicinskog fakulteta u Beogradu. Upravnik: doc.dr Jovan Cankovic.

(GALLBLADDER, embryology,

elastic fibers in embryonic gallbladder, significance in adults)

*MILOSEVIC, DRAGOLJUB*

MILOSEVIC, Bosiljka, doc.Dr: MILOSEVIC, Dragoljub, asist dr.

Changes in a fetus of mother with congenital cataract. Srpski arh. celok.lek. 87 no.10:1225-1231 Oct 54.

1. Ginekološko-akuserska klinika Medicinskog fakulteta u Beogradu. Upravnik: prof. dr Sinisa Tasovac. Mistološki institut Medicinskog fakulteta u Beogradu. Upravnik: doc.dr Jovan Cankovic.

(EYE, embryology,

pathol.changes in fetuses of mothers with congen.cataract)

(CATARACT,

congen.pathol.ocular changes in fetuses of mothers with congen. cataract)



MRSEVIC, Dragoljuk

Effect of streptomycin on gonads of guinea pigs and rabbit.  
Srpski arh. celok. lek. 84 no.9:1004-1010 Sept 56.

1. Histoloski institut Medic. fakulteta u Beogradu.Upravnik:  
docent dr. Jovan Cankovic.

(STREPTOMYCIN, eff.

on gonads in guinea pig & rabbit (Ser))

(GONADS, eff. of drugs on

streptomycin in guinea pig & rabbit (Ser))

CANKOVIC, J.G.; MRSEVIC, D.D.

Contribution to the study of the regenerative ability of the hyalin cartilage. Acta med. iugosl. 15 no.3:281-289 '61.

1. Institute of Histology, Medical Faculty, University of Belgrade.  
(CARTILAGE physiol) (REGENERATION)

CANKOVIC, J.G.; MRSEVIC, D.; SIMONOVIC-PILETIC, O.; POPOVIC, S.

Contribution to the study on the effect of sublethal doses of x-rays  
on regenerative and restorative processes following mechanical injuries.  
Acta med. iugosl. 15 no.4:477-487 '61.

1. Histoloski institut Medicinskog fakulteta u Beogradu.  
(BONE AND BONES wds & inj) (RADIATION INJURY exper)  
(REGENERATION radiation eff)

CANKOVIC, J.G.; MRSEVIC, D.; POPOVIC, S.; SIMONOVIC-PILETIC, O.

Contribution to the study of the effect of sublethal doses of x-rays  
on the regeneration of hyaline cartilage. Acta med. iugosl. 16 no.1:  
34-43 '62.

1. Histoloski institut Medicinskog fakulteta u Beogradu.  
(RADIATION INJURY EXPERIMENTAL) (CARTILAGE)  
(REGENERATION)

YUGOSLAVIA

Dragoljub MRSEVIC, Department of Histology of Medical Faculty  
(Histoloski Institut Medicinskog fakulteta) Head (Upravnik) Prof Dr  
G. GANKOVIC, University of Belgrade.

"Staining Reticular Fibers in the Wall of the Small Intestine of the  
Human Embryo."

Uzavest, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 7-8, July-Aug  
1974, pp 685-693.

Abstract [German summary modified]: Study of various staining procedures  
on material from 28 embryos 65 to 226 millimeters long (i.e. presumably  
aged 10 to 24 weeks): no elastic fibers in intestinal wall but there  
are such in the vascular walls starting with the 15th week of age. Six  
slides, 24 Western references mostly German textbooks.

1/1

MISEVIC, D.

1964

Stevan CANJEVIC, Dragoljub MISEVIC, Stevan POPOVIC and Gisa  
MILICIC-PRUSTIC, Department of Histology, Institute for  
Research of the Josip CANJEVIC Medical Faculty of Belgrade, Yugoslavia

"Ultrastructural Formation in Rabbits."

Arhiv za Celokupno Laboratorno, Vol 90, no. 10, Dec 1964,  
pp. 934.

English summary: Serial excision of small intraocular  
lenticles above lateral epicondyles of 10 rabbits aged 3-4  
months. Excision of hearing process over 24 hours to 2 mm. The  
healing was not quite complete at 5 months. Complete  
discussio. 40 photomicrographs, 3 figures, 1 table, and  
bibliography references.

MIKSEVIC-DRAGUTINOVIC, SLAVKA

YUGO.

A simultaneous determination of serum fraction, tuberculin reaction, and Mildebrook reaction on guinea pigs which were infected with tuberculosis. Milutin Djuricic, Slavka Miksevic-Dragutinovic, Branislav Jankovic, Kosana Arsenjevic, and Ljubica Dordjevic. *Acta Pharm. Jugoslav.* 4, 188-96 (1954).--A comparison was made of protein fractions and tuberculin and Mildebrook reactions on healthy guinea pigs and on guinea pigs infected with tuberculosis. No conclusions were made. V. Mihajlov

(4)

DJURISIC, Milutin, prof. dr.; ~~MRSVIC-DRAGUSI~~ NOVIC, Slavka, doc.dr.

Comparative evaluation of hemagglutination and allergic reactions  
in experiments tuberculosis in guinea pigs. Srpski arh.celok.  
lek. 77 no.12:1585-1589 Dec 54.

1. Mikrobioloski institut Medicinskog fakulteta u Beogradu. Upravnik:  
prof. dr Milutin Djurisc.

(TUBERCULOSIS, experimental,  
hemagglut. & tuberculin tests)  
(HEMAGGLUTINATION, in various diseases,  
exper.tuberc.)  
(TUBERCULIN REACTION,  
in exper.tuberc.)



MRSEVIC-DRAGUTINOVIC, Slavka, Doc., dr.; DORDEVIC, Ljubica, dr.

Middlebrook-Dubos type of hemagglutination in meningeal tuberculosis. Higijena, Beogr. 7 no.1-4:217-219 1955.

1. Mikrobioloski institut Medicinskog fakulteta, Beograd.  
(TUBERCULOSIS, MENINGEAL, diag.

Middlebrook-Dubos hemagglutination test (Ser))

(HEMAGGLUTINATION, in various dis.

Middlebrook-Dubos test in meningeal tuberc. (Ser))

YUGOSLAVIA/Microbiology - General Microbiology.

F-1

Abstr Jour : Ref Zhur - Biol., No 10, 1958, 43198

Author : Mrsevic, S., Katic, R.

Inst : -

Title : Results of a Study in Intensity of Collagenase Formation  
in Filtrates of *Welchia Perfringens*, Types A, C, D, and E.

Orig Pub : Acta pharmac. jugosl., 1956, 6, No 1, 17-26.

Abstract : In filtrates of cultures of all types of *W. perfringens* cultivated on veal broth, collagenase was found. The largest quantities of enzymes are formed in types C and A. Intensity of collagenase formation, when cultivated at 37°C, depends on the length of incubation. Best results were obtained when the incubation period lasted 8-10 hours.

Card 1/1

MRSEVIC-DRAGUTINOVIC, SLAVKA

KATIC, Relja V.; MRSEVIC, Slavka; DJILSKI, Borislav

Possible extraction of collagenase by splitting bacteria *Welchia perfringens*. Srpski arh. celok. lek. 84 no.11:1235-1238 Nov 56.

1. Bakterioloski inatitut Medicinskog fakulteta u Beogradu.

Upravnik: prof. Milutin Djuricic.

(PROTEASES,

collagenase by splitting *Clostridium perfringens* (Ser))

(*CLOSTRIDIUM PERFRINGENS*,

splitting in extraction of collagenase (Ser))

MAROVIC, S.

Journal (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Not given.

Affiliation: Not given.

Source: Galenika, Belgrade, Vol 7, No 5, 1961, pp 355-363.

Date: "The Evolution of Bacteria and the Prospects of  
Infection During the Use of Antibiotics."

MRSEVIC, Slavka; MILOSEVIC, Bosiljak; BANDUR, Bojana; STOLEVIC, Emilija

Middlebrook-Dubos hemagglutination test in serological diagnosis of genital tuberculosis in women. Srpski arh. celok. lek. 89 no.3: 261-268 Mr '61.

1. Mikrobioloski institut Medicinskog fakulteta u Beogradu. Upravnik: prof. dr Milutin Durisic. Ginekolosko-akuserska klinika Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Sinisa Tasovac.

(TUBERCULOSIS FEMALE GENITAL diag)  
(HEMAGGLUTINATION)

YUGOSLAVIA

S. MASEVIC, Department of Microbiology, Medical Faculty (Mikrobiološki  
- Institut Medicinskog fakulteta) University of Belgrade.

"Effect of Antibiotics and Sera on Experimental Murine Listeriosis.  
In Vitro and In Vivo Study of Spiramycin and Erythromycin."

Belgrade, Arhiv za Farmaciju, Vol 12, No 4, 1962; pp 237-242.

Abstract (French summary modified): Disk sensitivity tests of 10  
STRAINS of *Listeria monocytogenes* against 7 antibiotics and a sulfona-  
mide: erythromycin was best, spiramycin second. In mice, spiramycin  
was best, protecting 7 out of 10 mice after i.p. inoculation. Rabbit  
serum prepared by own method had no protective effect. Three tables,  
2 Yugoslav, 5 Western references.

1/1

7

YUGOSLAVIA

MRSEVIC, Slavko, Dr, MOCIC, Mirjana, Dr, DRNDARSKI, Kovicljka, Dr, BANDUR, Bojana, Dr; The Microbiological Institute, Medical Faculty, University of Belgrade (Head: DJURISIC, Milutin, Dr, prof) (Mikrobioloski institut Medicinskog fakulteta Univerziteta u Beogradu); The Clinic for Infectious Diseases, Medical Faculty, University of Belgrade (Head: NIKOLIC, Mihajlo, Dr, prof) (Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta u Beogradu), Belgrade.

"Listeriosis in People. L. Monocytogenes Isolated in Our Country"

Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 10, Oct 1965, pp 885-895

Abstract: The clinical picture of listeriosis does not contain anything specific, it is similar to many other infections, thus rendering a clinical diagnosis almost impossible. The following tests were used for diagnosis: bacteriological method for identification of L. monocytogenes, testing morphological and biochemical properties, antigenic properties. Pathology for laboratory animals included inoculation of mice and rabbits. The pathological-anatomical findings were characteristic. The proof of antibodies in the patient by serological reactions is fairly simple to carry out, but interpretation is delicate due to the complex structure of antigens of L. monocytogenes. 7 Yugoslav, 13 Western references. Manuscript received 14 Jun 65.

1/1

MRSEVIC, T.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Arhiv za Farmaciju, Nr 5, 1960, pp 355-364.

Data: "Evolution of Bacilli and the Course of Infection Under the Influence of Antibiotics."



MRSHELISHVILI, N. I.

74 Meshelišvili, N. I. Nekotorye osnovnye zadachi matematičeskoj teorii uprugosti. Osnovnye uravneniya, ploskaya teoriya uprugosti, krutočnoe izgib. [Some fundamental problems of the mathematical theory of elasticity. Fundamental equations, plane theory of elasticity, torsion and bending.] 4th ed. Izdat. Akad. Nauk SSSR, Moscow, 1954. 647 pp. 34.35 rubles.

I - F/W

This edition differs from the 3rd [1949; MR 11, 625; see MR 15, 370 for an English translation] only in a number of small changes which do not change the general plan of the book. The text has been reset for this edition. S. A. W.

MROKOC, Josef

This year we shall go forward. Automobil Gz 8 no.141 Ja 194.

1. Namestek ministra vseobecnego strojitrenstva.

MRSKOS A.  
(3973)

*ostr.*  
Z úst. pro lék. chem. MU v Brně. \*Stručný přehled vývoje názorů o ureogenesi.  
A concise review of the evolution of opinions on ureogenesis LEK. LISTY 1954. 9/2  
(30-33) Ilus. 1  
*Tr. d.*

SO: Excerpta Medica, Vol. 7, No. 8, Sec. II Aug. 54

*111A3A0011*  
MBSKOS, A.; TOVAREK, J.

Rapid determination of total cholesterol in blood. Cas. lek. cesk.  
97 no.6-7:191-197 14 Feb 58.

1. Ustav pro lekářskou chemii, přednosta prof. O. Wagner, laborator  
II interní kliniky, prof. J. Pojer, lékařská fakulta MU v Brně.  
(CHOLESTEROL, in blood  
rapid determ., technic (Cz))