

GOTTSEGEN, Gyorgy, dr.; SZAM, Istvan, dr.; CSORNAY, Margit, dr.

Studies on pulmonary edema, caused by high oxygen pressure.  
Magy. belorv. arch. 9 no.1:26-29 Feb 56.

I. A Fovarosi Istvan-Korhaz (Igazgato: Katona, Istvan dr.)

III. Belosztalyanak (Foorvos: Gottsegen, Gyorgy dr.)

Prosecturajanak (Foorvos: Radnai, Bela dr.) kozlemenye.

(EDEMA, exper.

pulm., induced by high oxygen pressure in guinea pigs  
& rats, ECG, pathol. & eff. of procaine (Hun))

(LUNGS, dis.

exper. edema, induced by high oxygen pressure in guinea  
pigs & rats, ECG, pathol. & eff. of procaine (Hun))

(PROCAINE, eff.

on exper. pulm. edema in guinea pigs & rats (Hun))

SCRIPTA MEDICA Sec. 6 Vol. 11/8 Aug. 57

SZAM I.

4758 GOTTSEGEN G., SZAM I and CSORNAY M. III. Inn. Abt., Kardiopulm. Lab. und Pathol. Inst., Städt. István-Krankenh., Budapest. Zur Pathologie und Therapie des hyperoxischen Lungenödems. Pathology and treatment of hyperoxic pulmonary oedema Z. GES. INN. MED. 1956, II, 12 (551-557) Graphs 1 Tables 1 Illus. 6

Guinea-pigs and rats were exposed to an oxygen tension of 3.5 atm. In a few hours, pulmonary oedema developed, which in guinea-pigs was mostly accompanied by bradycardia and severe ECG disturbances; no such changes were observed in the rats, however. The histological structure of the heart was not fundamentally changed either. In the development of this experimental pulmonary oedema, circulatory disturbances do not play a dominating role. The assumption of a compression of intrapulmonary lymph vessels, which leads to congestion and transudation, is contradicted by the histological findings, which consist of tightly filled lymph spaces, hyperaemia and infiltration, as well as oedema. Previous treatment with procaine prevented pulmonary oedema in rats. However, histological examinations proved that the protective effect of procaine probably depends on its influence on the permeability, the respiration and the oxygen absorption, but not on the antiphlogistic and circulatory action of the drug. Many references.

Slapak - Vienna (V, 6)

SZAM, ISTVAN

GOTTSEGEN György, Dr.; SZAM Istvan, Dr.; CSORNAY Margit, Dr.

The adrenal glands and pulmonary edema. Magy. belorv. arch. 10 no.2-3:  
51-55 Apr-June 57.

L. A. Kovarosi Istvan Korhaz (igazgato: Katnoa Istvan dr.) III. Belosztal-  
yanak (foorvos: Gottsegen György dr.) es a Koranyi Korhaz Prosecturajanak  
(foorvos: Csornay Margit dr.) kozlemenye.

(GENERAL ADAPTATION SYNDROME

alarm reaction, prev. of pulm. edema in adrenalectomized  
rats (Hun))

(PULMONARY EDEMA, exper.

prev. by alarm reaction in adrenalectomized rats (Hun))

(ADRENALECTOMY, exper.

prev. of pulm. edema by alarm reaction in adrenalectomized  
rats (Hun))

GOTTSEGEN, Gy.; SZAM, I.; CSORNAY, M.

Adrenal gland and pulmonary edema. Acta med. hung. 11 no.1:63-71 1957.

1. 3rd Medical Service, Istvan Hospital, and Section of Pathology,  
Koranyi Hospital, Budapest.

(GENERAL ADAPTATION SYNDROME

alarm reaction in prev. of pulm. edema in normal &  
adrenalectomized rats.)

(PULMONARY EDEMA, exper.

prev. by elicitation of alarm reaction in normal &  
adrenalectomized rats.)

(ADRENAL GLANDS, physiol.

prev. of pulm. edema by elicitation of alarm reaction  
& adrenalectomized rats.

GOTTSEGEN, Gyorgy, dr.; SZAM, Istvan, dr.; ROMODA, Tibor, dr.;  
MATHEIDESZ, Pal, dr.

Pathological data on perforation of ventricular septum. Orv.  
hetil. 98 no.13:327-330 31 May 57.

1. A fovarosi Istvan Korhaz (igazgato: Katona, Istvan, dr.) III.  
Belosztalyanak es Kardiopulmonalis Laboratoriumanak (focorvos:  
Gottsegen, Gyorgy, dr.) kozlemeiye.

(CARDIAC SEPTUM, perf.

interventric., in myocardial infarct. case reports (Hun))

(MYOCARDIAL INFARCT, compl.

interventric. septum perf., case report (Hun))

GOTTSEGEN, Gyorgy, dr.; SZAM, Istvan, dr.; CSORNAY, Margit, dr.

Hibernators in experimental therapy of pulmonary edema. Orv.  
hetil. 98 no.26:713 30 June 57.

1. A Fovarosí Istvan Korház III. sz. Belosztalyanak (foorvos:  
Gottsagen, Gyorgy, dr.) es a Koranyi Korház Prosecturajanak  
(foorvos: Csornay, Margit, dr.) kozlomenye.

(PULMONARY EDEMA, exper.

eff. of artif. hibernation in rats (Hun))

(HIBERNATION, ARTIFICIAL, eff.

on exper. pulm. edema in rats (Hun))

GOTTSEGEN, Gyorgy, Dr.; ANTONY, Miklos, Dr.; SZAM, Istvan, Dr.

Marfan syndrome, pseudotruncus arteriosus and brain abscess. Orv. hetil.  
99 no.48:1685-1688 30 Nov 58.

1. Az Orszagos Kardiologiai Intezet (igazgato: Gottsegen Gyorgy dr.)  
es a Fovarosi Istvan Korhaz Idegosztalyanak (foorvos: Lehoczky Tibor dr.)  
kozlemeny.

(ARACHNOIDACTYLY, case reports

with pseudotruncous arteriosus & brain abscess (Hun))

(BRAIN, abscess

with pseudotruncous arteriosus & arachnoidactyly (Hun))

(CARDIOVASCULAR DEFECTS, CONGENITAL, case reports

pseudotruncus arteriosus with arachnoidactyly & brain  
abscess (Hun))

HOLLOSI, Katalin, dr.; SZAM, Istvan, dr.; GERRO, Andor, dr.

Pulmonary fibrosis and lung cancer in scleroderma. Orv.hetil. 101  
no.31:1108-1111 31 J1 '60.

1. Fovarosi Istvan Korhaz, Korbonctani Osztaly, Budapesti  
Orvostudomanyi Egyetem, IV. sz. Belklinika, Fovarosi Gyali uti  
Korhaz, Belosztaly.

(LUNG NEOPLASMS, compl)

(PULMONARY FIBROSIS, compl)

(SCLERODEMA compl)



SZAM, Istvan, dr.; SZ. HANKOVSKY, Maria, dr.

"Clinically primary" tuberculous pericarditis. Tuberkulozis 14 no.4:  
117-119 Ap '61.

1. A Budapesti Orvostudományi Egyetem IV sz. Belklinikájának (Igazgató:  
Gottsegen György dr. egy. tanár) és a Fővárosi Úrszói utcai Korház  
Tudóosztályának (Igazgató főorvos: Szántó Sándor dr.) közleménye.

(TUBERCULOSIS, CARDIOVASCULAR)  
(PERICARDITIS)

HANKOVSKY, Maria, dr.; SZAM, Istvan, dr.

Tuberculosis of the pericardium with minimal symptomatology. (Clinico-pathological aspects). Tuberkulozis 14 no.6:179-182 Je '61.

1. A Fovarci Uzsoki utcai Korhaz Tudosztalyanak (igazgato foorvos: Szanto Sandor dr.) es a Budapesti Orvostudomanyi Egyetem IV Belklinikanak (igazgato: Gottsegen Gyorgy dr. egyetemi tanar) kozlemenye.

(TUBERCULOSIS CARDIOVASCULAR diag)

SZAM, Istvan, dr.

Acute benign pericarditis. Orv.hetil. 102 no.6:269-272 5 F'61.

1. Budapesti Orvostudományi Egyetem, IV. Belklinika.  
(PERICARDITIS in adolescence)

SZAM, Istvan, dr.; POLCZ, Lajos, dr.

Data on the prognosis in renal changes secondary to endocarditis  
lenta. Orv. hetil. 102 no.45:2121-2123 5 N '61.

1. Budapesti Orvostudományi Egyetem, IV Belgyógyászati Klinika.

(ENDOCARDITIS SUBACUTE BACTERIAL compl)  
(KIDNEY DISEASES etiol)

SZAM, Istvan, dr.; ALMOS, Sandor, dr.

Systolic twitching of the diaphragm. Orv. hetil. 102 no.52:2466-2468  
D '61.

1. Budapesti Orvostudományi Egyetem, IV Belsőklinika, Országos Kardiolo-  
giai Intézet.

(DIAPHRAGM) (HEART physiol)

SZAM, Istvan, dr.; HANKOVSKY, Maria, dr.; CSAKANY, Gyorgy, dr.

Data on the occurrence, character and therapy of pulmonary tuberculosis associated with pulmonary artery stenosis. Tuberkulozis no.8:236-239 Ag '62.

1. A Budapesti Orvostudományi Egyetem IV. Beliklinikája, Országos Kardiológiai Intézet (Igazgató: Gottsegen György dr. egy. tanár) és a Fővárosi Úzsoki u.-i kórház Tudóscsatalya (Igazgató főorvos: Szántó Sándor dr.) közleménye.

(PULMONARY STENOSIS) (TUBERCULOSIS, PULMONARY)  
(TETRALOGY OF FALLOT)

SZAM, Istvan, dr.

Clinical relations of paroxysmal cardiac arrhythmia to the  
gastrointestinal tract. Orv. hetil. 105 no.2:57-60 12 Ja'64.

1. Budapesti Orvostudományi Egyetem, IV. Belgyógyászati  
Klinika.

\*

SZAM, I.; NIKOLITS, Ilona; DESI, I.; GOTTSEGEN, G.

Electroencephalographic studies in experimental pulmonary oedema.  
Acta med. acad. sci. Hung. 21 no.2:149-157 '65.

1. Fourth Department of Medicine (Director: Prof. G. Gottsegen)  
and Institute of Pathophysiology (Director: Prof. J. Sos),  
University Medical School, Budapest. Submitted May 18, 1964.



SZAM, I ; NIKOLITS, Ilona; VARGA, Berta; PALIK, I.

Interactions of heart function, respiration and cerebral bioelectrical activity in pulmonary oedema induced by ammonium chloride. Acta med. acad. sci. Hung. 21 no.2: 181-186 '65.

1. Fourth Department of Medicine (Director: prof. G. Gottsegen), Institute of Pathophysiology (Director: Prof. J. Sos), University Medical School, Budapest, and Department of Neurology, Istvan Hospital, Budapest. Submitted July 15, 1964.

L 14883-66

ACC NR: AT6007401

SOURCE CODE: HU/2505/65/026/00X/0024/0024

AUTHOR: Szam, I.; Nikolits, Ilona; Varga, Berta; Palik, I.

ORG: IV. Department of Medicine, Institute of Pathophysiology, Medical University of Budapest, Budapest (Budapesti Orvostudományi Egyetem, IV. Belgyógyászati Tanszék és Korelettani Intézet); Department of Neurology, Istvan Hospital, Budapest (Istvan Korház, Ideggyógyászati Osztály)

TITLE: Interactions between heart function, respiration and cerebral electrical activity in experimental pulmonary edema [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July, 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 24

TOPIC TAGS: rat, EEG, respiratory system, circulatory system, cerebrum, animal physiology, electrophysiology, neurophysiology

ABSTRACT: According to earlier results, pulmonary edema is preceded and accompanied by marked alterations in the EEG, convulsions, bradypnea and bradycardia. To determine whether the convulsions and great decrease in the respiratory rate would be responsible

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L 14883-66

ACC NR: AT6007401

for the pathological changes in the cerebral electrical activity, bradycardia and EEG alterations, the motor nerve endings were blocked with tubocurarine, in rats. Artificial respiration was maintained. It was found that the pathological changes in cerebral activity constitute a primary occurrence absolutely independent of the respiratory changes, heart rate and convulsions. The inhibition of convulsions by curarization and artificial respiration did not protect against the pulmonary edema induced by  $\text{NH}_4\text{Cl}$ , but prevented the respiratory paralysis. They afforded, however, no protection against the cardiac repolarization disturbance. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

L 32099-66 SCTB DD

ACC NR: AP6020672

SOURCE CODE: HU/0032/66/000/001/0018/0023

AUTHOR: Szam, Istvan; Nikolits, Ilona; Gottsegen, Gyorgy (Doctor; Professor) 27  
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ORG: IV Medical Clinic /directed by Dr., Prof. Gyorgy Gottsegen/, Medical University of Budapest (Budapesti Orvostudományi Egyetem, IV. Belgyógyászati Klinika); Institute of Pathophysiology /directed by Dr., Prof. Jozsef Sos/ (Korelettani Intezet)

TITLE: Changes in the bioelectric activity of the brain in experimental hyperoxia 2

SOURCE: Ideggyógyászati szemle, no. 1, 1966, 18-23

TOPIC TAGS: bioelectric phenomenon, EEG, rat

ABSTRACT: Registered by implanted cortical electrodes, rough, non-specific changes in amplitude and frequency as well as spike bursts could be observed on the EEG of rats exposed to oxygen under a 3.7 atm. pressure. The appearance of EEG changes precedes the respiratory and cardiac functional damage and also the earliest stage of development of "hyperoxic" pulmonary edema; the O<sub>2</sub> saturation of the arterial blood is also normal at this stage. Binding of the CO<sub>2</sub> produced by the animals, thereby inhibiting its renewed inhalation delays the EEG changes and in part inhibits the development of spike potentials. Impairment to the bioelectric activity of the brain is the earliest symptom of oxygen intoxication. Orig. art. has: 2 figures and 2 tables.

[JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 030

Card 1/1 BLG

HUNGARY

SZAM, Istvan, NIKOLITS, Ilona, VARGA, Berta, DESI, Illes, PALIK, Imre, GOTTSEGEN, Gyorgy; Medical University of Budapest, IV. Medical Clinic, Institute of Pathophysiology (Budapesti Orvostudományi Egyetem, IV. Belgyógyászati Klinika, Korelettani Intezet), and Capital City Istvan Hospital, Neurological Ward (Fovarosí Istvan Korház, Idegosztály), Budapest.

"Recent Experiments with Pulmonary Edema."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 2, Apr 66, pages 153-162.

Abstract: [Authors' German summary] By means of EEG experiments using implanted cortical electrodes in rats, it was possible to confirm the conclusions arrived at through other means that the central nervous system plays an important role in the development of pulmonary edema caused by  $\text{NH}_4\text{Cl}$  and adrenalin; pulmonary edema caused by alloxan, however, is caused exclusively by pulmonary damage. In pulmonary edema elicited with  $\text{NH}_4\text{Cl}$ , the bioelectric disturbance of the brain is independent of the convulsions, bradypnoe and changes in cardiac frequency and manifests itself before the appearance of the pulmonary edema. The experimental pulmonary edema, developed using  $\text{NH}_4\text{Cl}$ , will not be warded off by the administration of curare or by machine respiration. 12 Eastern European, 31 Western references. [Manuscript received 25 May 65.]

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HUNGARY

CSAPO, Gyorgy, Dr, PALIK, Imre, Dr, HONTI, Jozsef, Dr, SZAM, Istvan, Dr;  
Medical University of Budapest, IV. Medical Clinic (director: GOTTSEGEN,  
Gyorgy, Dr) (Budapesti Orvostudományi Egyetem, IV. Belgyógyászati Klinika),  
and Capital City Istvan Hospital, Prosectura (chief physician: RADNAI, Bela,  
Dr) (Fovarosi Istvan Korház, Prosectura), Budapest.

"Transient Diabetes Insipidus with Spontaneous Cessation (Hann Syndrome)."

Budapest, Orvosi Hetilap, Vol 107, No 16, 17 Apr 66, pages 749-751.

Abstract: [Authors' Hungarian summary] In a 65 year old patient with bronchial carcinoma, diabetes insipidus developed as a result of metastasis which destroyed the posterior pituitary. The symptoms of the insipidus syndrome disappeared later, parallel with the spreading of the metastatic tumor to the anterior pituitary. The symptoms were first described by Hann and could be termed Hann's syndrome. All 25 references are Western.

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~~Laszlo~~ SZAM, Laszlo

GYULA, Földvary, dr.; LASZLO, Szam, dr.

Thoracic leads in localizing diagnosis of infarction. Magy. belorv.  
arch. 10 no.1:9-15 Feb '57.

1. A Debreceni Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató:  
Fornet Bela dr. egy. tanár) közleménye.

(MYOCARDIAL INFARCT, diag.

ECG, role of thoracic leads in localizing diag. (Hun))

(ELECTROCARDIOGRAPHY, in various dis.

myocardial infarct, role of thoracic leads in localizing  
diag. (Hun))

SZAM, Laszlo, dr.

Cough syncope. Orv. hetil. 98 no.14:366-367 7 Apr 57.

1. A Debreceni Orvostudományi Egyetem I. sz. Belklinikájának  
(igazgató: Fonet, Bela, dr. egyet. tanár) közleménye.

(SYNCOPE, etiol. & pathogen.

cough, pathomechanism & clin. aspects (Hun))

(COUGH, compl.

syncope, pathomechanism & clin. aspects (Hun))



SZAMAK, S.

"Formation of spikelets on smooth brome grass depending on the time of sowing and planting" (p.197). BIOLOGICKY SBORNIK. (Slovenska akademie vied a umeni) Bratislava. Vol. 7, No. 1/2, 1952.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

KRAWCZUK, Aleksander; SZAMATOWICZ, Marian; SZAMATOWICZ, Jadwiga;  
SIPOWICZ, Izabela

Behavior of the gonadotropin inhibitors in the urine of  
prepuberal girls. Ginek. Pol. 36 no.10:1133-1135 0 '65.

1. Z I Kliniki Położnictwa i Chorob Kobietych AM w Białym-  
stoku (Kierownik: prof. dr. med. S. Soszka).

URBAN, Jan; SZAMATOWICZ, Marien

Determination of the level of a serotonin metabolite  
(5-HIAA) in puberal girls. Ginek. Pol. 36 no.1:19-22  
Ja '65

1. Z Kliniki Ginekologii i Chorob Kobięcych Akademii  
Medycznej w Białymstoku (Kierownik: prof. dr. med.  
S. Soszka).

KRAWCZUK, Aleksander; SZAMATOWICZ, Marian; SZAMATOWICZ, Jadwiga;  
SIPOWICZ, Izabela

Behavior of the gonadotropin inhibitors in the urine of  
prepuberal girls. Ginek. Pol. 36 no.10:1133-1135 0 '65.

1. Z I Kliniki Położnictwa i Chorob Kobietych AM w Białym-  
stoku (Kierownik: prof. dr. med. S. Soszka).

KRAWCZUK, Aleksander; SZAMATOWICZ, Marian; SIKORSKI, Tadeusz

Urinary excretion of corticoids in 9-year-old girls. Ginek.  
Pol. 36 no.10:1137-1139 0 '65.

1. Z I Kliniki Poloznictwa i Chorob Kobietych AM w Bialym-  
stoku (Kierownik: prof. dr. med. S. Soszka).

SZAMATOWICZ, Marian

Quantitative evaluation of 17-ketosteroid fractions excreted  
in the urine of girls at puberty. Ginek. Pol. 36 no. 12:  
1341-1347 D ' 65

1. Z I Kliniki Poloznictwa i Chorob Kobietych AM w Bialym-  
stoku (Kierownik: prof. dr. med. S. Sczka).

SZAMBELANCZYK, K.

"Beginning the execution of the investment plan for 1953" (p. 29) GOSPODARKA  
ZBOZOWA (Polskie Wydawnictwa Gospodarcze) Warszawa, Vol 4, No 4, April 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

SZAMBORSKI, J.

SZAMBORSKI, J., Interdepartment planning of fish production in the Central  
Administration of the Fish Industry. p. 10.

Vol. 7, no. 3, Mar. 1955, Warszawa, Poland

AGRICULTURE

SO: Monthly List of East European Accessions (EEAL), IC, Vol. 5, No. 2 Feb. 1956



SZAMBORSKI, J.

SZAMBORSKI, J. Reporting on production as a weapon in the struggle for reduction of production cost in the fish industry. p. 9. Vol. 7, no. 9, Sept. 1955. GOSPODARKA RYBNA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

ZYSK, J.; KALETA, Z.; SZAMBORSKI, J.

Laboratory chamber for exposure small animals to low pressure with the apparatus for blood sampling. Acta physiol. polon. 4 no.1-2:69-75 1953. (GLML 25:4)

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

SZAMBORSKI, J.

"SZAMBORSKI, J. ZYSK, J. KALETA, Z.

"Changes of the Amount of Blood Sugar in the State of Anoxia." p. 297 (Acta Physiologica Polonica. Vol. 4, no. 4, 1953 Warszawa.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

BARANSKI, Stanislaw, BARKOWA, Olga; SZAMBORSKI, Józef.

Reactions of the reticuloendothelial system in adaptation to altitude. Acta physiol. polon 6 no.4:401-409 1955.

1. Z Centralnego Instytutu Badań k Lotniczo-Lekarskich.  
(ALTITUDE,  
adaptation, RE system in (Pol))  
(RETICULOENDOTHELIAL SYSTEM, physiology,  
adaptation to altitude (Pol))  
(ADAPTATION,  
to altitude, RE system in (Pol))

SOWINSKI, Wilhelm; SZAMBORSKI, Josef

Primary cancer of the oviduct. *Gin. polska* 26 no.1:69-72 Jan-Mar 55.

1. Z II Kliniki Położnictwa i Chorob Kobięcych A.M. w Warszawie.  
Dyrektor: prof. dr W.Sowinski.  
(OVIDUCTS, neoplasms.)

POLAND/Human and Animal Morphology - (Normal and Pathological) S  
Reproductive System.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26199

Author : Zachwiej, E., Hatys-Skirzynska, H., Szamborski, J.

Inst : -

Title : Sarcoidosis of the Uterus.

Orig Pub : Ginekol. polska, 1956, 27, No 5, 655-662

Abstract : No abstract.

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ZACHWIEJ, Eugeniusz; HATYS-SKIRZYNSKA, Halina; SZAMBORSKI, Jozef

Sarcoidosis of the uterus. Gin. polska 28 no.5:655-662 Sept-Oct 56.

1. Z Oddzialu Polozniczo-Ginekolog. Inst. Gruzlicy w Warszawie  
Kierownik: prof. dr. M. Serini-Bulska, Z II Kliniki Poloznictwa  
i Chorob Kobietych Akad. Medycznej w Warszawie; Kierownik: prof.  
dr. Wilhelm Sowinski, Warszawa, Mokotowska 17 m. 28.

(SARCOIDOSIS, case reports  
uterus (Pol))

(UTERUS, diseases  
sarcoidosis, case reports (Pol))

KRASSOWSKI, Tadeusz; SZAMBORSKI, Jozef

Morphological changes of the placentae from pathological pregnancies and deliveries. Gin.polska 30 no.6:677-690 N-D '59.

1. Z II Kliniki Chorob Kobietych i Poloznictwa AM. w Warszawie  
Kierownik: prof. dr med. I. Roszkowski.  
(PLACENTA pathol)



SZAMBORSKI, Jozef

Considerations of a histopathologist on the colpomicroscopy based upon the analysis of 99 biopsy cases. Gin.polska 31 no.2:249-261 Mr-Apr '60.

1. Z II Kliniki Chorob Kobiacych i Poloznictwa A.M. w Warszawie.  
Kierownik: prof.dr med. I. Roszkowski.  
(CERVIX UTERI pathol.)

KRETOWICZ, Janusz; SZAMBORSKI, Jozef; TROSZYNSKI, Michal

Extrauterine interstitial pregnancy with atypical clinical course. Ginek. pol. 34 no.2:281-284 '63.

1. Z II Kliniki Poloznictwa i Chorob Kobiacych AM w Warszawie  
Kierownik: prof. dr med. I. Roszkowski.  
(PREGNANCY, TUBAL) (DIAGNOSIS, DIFFERENTIAL)

SZAMBORSKI, Jozef

Apropos of the classification of cases of ovarian tumors.  
Ginek. pol. 35 no.1:149-155 Ja-F'64

1. Z II Kliniki Poloznictwa i Chorob Kobięcych AM w Warszawie;  
kierownik: prof.dr.med. I.Roszkowski.

\*

ROSZKOWSKI, Ireneusz; SZAMBORSKI, Jozef

Cancer of the oviduct with special reference to early diagnosis.  
Ginek. Pol. 35 no.4:553-560 J1-Ag '64

1. Z II Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej  
w Warszawie (Kierownik: prof. dr. med. I. Roszkowski).

KADWABY, Jerry; TABICOFF, Edward; SZAKBENKI, Jozef

Comparative evaluation of results of penile examination using hormonal and biopsy techniques in sterile males. Clin. J. 35 no.5:669-676, 1968.

1. Endokrynologiczna i Chorob Kobiecych Akademia Medycyny w Warszawie i Instytut Endokrynologiczny (Hormonika prof. dr. med. J. Rozkowski).

NATKORNY, Jerzy; TARLOSKI, Ryszard; SZANEBORSKI, Jozef

Klinefelter's syndrome in young boys. Pituitary gonadotropic activity and testicular histology. Ginek. Pol. 36 no.1:91-93 Ja '65

1. Z II Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej w Warszawie (Kierownik prof. dr.med. I.Rozzkowski) i z Poradni Endokrynologicznej Wydziału Zdrowia Warszawa-Śródmieście.

BORKOWSKI, Roman; SZAMBORSKI, Jozef

A case of co-existence of cancer and tuberculosis of the uterine cervix. Ginek. Pol. 36 no.2:217-221 F '65

1. Z II Kliniki Poloznictwa i Chorob Kobietych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. I. Roszkowski).

SZAMBORSKI, Jozef

Epithelial metaplasia of the endometrium. Ginek. Pol. 36 no.7:  
769-777 J1'65.

1. Z II Kliniki Poloznictwa i Chorob Kobięcych Akademii Medycznej  
w Warszawie (Kierownik: prof. dr. med. I. Roszkowski).



SZAMEK, Tamas, Dr.

Large-scale construction. Klet tud 19 no.68251-255 7 F'64.

SZAMEL, Ferenc, okl. villamosmernok; GONDA, Gabor, okl. villamosmernok

New phase-sensitive rectifier circuit. Meres automat 9 no. 11343-347  
'61.

1. Merestechnikai Kozponti Kutato Laboratorium.

SZAMEL Gyula

Rate of fat splitting by lipase enzyme. Gyula Számel. Yearbook Inst. Agr. Chem. Technol., Univ. Pres. Sci. Budapest, Hung. 1952-III-1954: VIII, 49-53.—Edible sunflower-seed oil was split by fermentation to det. optimum conditions for enzymic fat splitting. The enzyme was prepd. from castor beans after husking, wet grinding, and centrifuging. With 2.5 g. oil, 0.42 g. enzyme at an optimum pH of 4.73 and 20°, and after 5, 10, 20, 30, 40, 60, 80, and 160 min. the percentages of free fatty acids obtained were 3.3, 10.5, 16.2, 21.4, 28.0, 35.3, 42.8, and 60.0. The advantage of the method is the light-colored fatty acids obtained, the disadvantage the low reaction rate. J. A. Sillard

SZÁMEL, G.

Isolation of bacterial strains forming 2,3-butanediol and laboratory fermentation experiments. Aurél Pusztás and Gyula Számel. Yearbook Inst. Agr. Chem. Technol., Univ. Tech. Ser. Budapest, Hung. 1952 III-1954 VIII, 144-9.—  
Of 200 strains of *Bacillus polymyxa* (I) obtained from Hungarian soils, 85 were selected for fermentation expts. These were conducted with wheat mash prepd. from 50 g. wheat farina, 5 g. CaCO<sub>3</sub>, 0.5 g. ground malt, and 400 cc. tap water. The mash was heated on a water bath at 70° for 20 min., then autoclaved 1 hr. at 121°, finally inoculated with I and kept for 60 hrs. at 30° with occasional shaking. The EtOH and 2,3-butanediol contents as well as the ease of filtration were detd. The 2,3-butanediol content of the filtered sample varied for 16 strains up to 1 g. per 100 cc., for 23 strains between 1.0 and 1.5 g., for 30 strains 1.5-2.0 g., and for 11 strains over 2 g. The ability to form alcs. and the filterability of the mash with strains, preserved for 6 months by subculturing, deteriorated. Strains preserved under sterile paraffin oil did not change appreciably. Fermentation expts. were conducted with corn and potato mash, too.

— F. A. Seillard —

SZAMEL, Gy.

✓ 98. Experiments on the production of riboflavin. J. Ho-  
16. Gy. Számel, I. Nyeste, R. Fengerd.  
Eletkezési Ipar. Vol. 10, 1956, No. 2, pp. 33-39, 6 figs.  
3 tabs.

Cheap domestic agricultural wastes and by-products  
were examined as potential raw materials for the micro-  
biological production of riboflavin. According to the

Handwritten initials and a checkmark.

SZAMIN, Teodor, doc.

Calculation method by electric analogy of axially loaded block foundations for machines. Inz i bud 20 no.3:85-91 Mr '63.

1. Politechnika, Gdansk.

SZANTY, T.

"Concrete used in hydraulic and marine engineering."  
Gospodarka Wodna, Warsaw, Vol 13, No 11, Nov 1953, p. 404

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

SZAMIN, Teodor, doc.

Application of the electric analog method to evaluate periodic vertical vibrations of machine foundation structures. Pt.1.  
Inz i bud 21 no.6:187-191 Je '64.

1. Technical University, Gdansk.



SZAMIN, Teodor, doc.

Application of the electric analog method to evaluate  
periodic vertical vibrations of machine foundation structures.  
Pt.2. Inz i bud 21 no.7:230-235 J1 '64.

1. Technical University, Gdansk.

Sz. Amkolowicz, L.

PLANS I BOOK EXPLOITATION POL/1356

Polskie Towarzystwo matematyczne

Prace Matematyczne, Seria I. IV (Mathematical Transactions, Series I, vol. IV) Warsaw, Państwowe wyd-wo naukowe, 1960. 140 p. 1,075 copies printed.

Kolejny Biuletyn Matematyczny (Cont. Ed.) Marceli Stark, (Dputy Chief Ed.), Adam Hlebow, Witold Bogdanowicz, Stanislaw Ostad, Jerzy Gorka, Stanislaw Hartman, Julian Kusielak (Secretary), Zdzislaw Szumanski, and Krzysztof Zarachowicz.

PURPOSE: This book is intended for mathematicians.

CONTENTS: This is a collection of 12 articles dealing with algebra, analysis, theory of numbers, probability theory, and geometry. Summaries in Russian and English or Russian and French are given after each article. No periodicals are mentioned. References follow most of the articles.

Przewozni, M. (Jedd). On Certain Infinite Series Connected With Bessel Functions 29

Schinzal, A. (Warsaw). On the Diophantine Equation  $\sum_{k=1}^n A x^k = 0$  45

Schinzal, A. (Warsaw). On the Equation  $x^k + ax^2/2 + by^k = z^2$  53

Card 2/3

Polcinski, J. (Warsaw) and S. Smieszekowski (Krota). Theorem on Convolution and the Theory of Dirichlet 59

Stallard, B. (Erkow). On the Convergence of a Sequence of Numbers to the Edge of the Set 77

Szankowski, M. (Wroclaw). A Certain Characterization of Straight Line Knecht Plane Groups 83

Styrya, T. M. (Poznan). On a Certain Generalized Problem of Poincaré for a Normal Parabolic Equation 91

Rubik, L. (Warsaw). On the Limit Distributions of Sums of  $r$ -Valued Random Variables 111

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Styrya section 133

Warsaw section 135

Wroclaw section 137

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SZAMKOLOWICZ, L. (Wroclaw)

Remarks on the Cartesian product of two graphs. Colloquium mathem 9  
no. 1:43-47 '62.

SZAMKOLOWICZ, L.

POLAND

Not given (Wroclaw)

Warsaw, Colloquium Mathematicum, No. 2, 1962, pp 245-250

"On the Problem of Existence of Finite Regular Planes"

SZAMKOŁOWICZ, L. (Wrocław)

Remarks on the characterization of a straight line among graphs  
on noncompact surfaces. Roczn. Prace Matem. no. 7:11-18 '62.

SZAMKOŁOWICZ, L. (Wrocław)

Remarks on finite regular planes. Col math 10 no.1:31-37 '63.

SZAMMER, Janos

An account of my study trip to Czechoslovakia. Ken tud kozl  
MTA 22 no.3/4:453-454 '64.

1. Central Research Institute of Chemistry, Hungarian Academy  
of Sciences, Budapest.

L. 33238-66 EWP(j) RM  
ACC NR: AT.6025189

SOURCE CODE: HU/2502/65/045/004/0329/0332

AUTHOR: Noszko, Laszlo—Noszko, L.; Szammer, Janos—Sammer, Ya.; Egyed, Janos—  
Ed'yed, Ya. 51  
B+1

ORG: Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest

TITLE: Investigation with radiocarbon of the oxidative decarboxylation of furfural 1  
in acidic medium

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 4, 1965, 329-332

TOPIC TAGS: fumaric acid, radioisotope, maleic acid, tracer study, hydrogen peroxide, oxidation

ABSTRACT: Furfural-C<sup>14</sup> has been prepared from furan and HC<sup>14</sup>N. Labeled furfural was oxidized with sodium chlorate to fumaric acid, with hydrogen peroxide to a mixture of maleic and fumaric acids, and with bromine to micobromic acid. The obtained acids proved to be radioactive. It is concluded that in the oxidative decarboxylation of furfural in acidic medium, the formyl group of furfural is eliminated quantitatively from the molecule and is not incorporated into the main products of oxidation. The authors thank Mr. B. Hegede for performing the microanalyses and activity measurements, and Miss E. Fogas for her assistance in the experimental work. Orig. art. has: 1 table. [Orig. art. in Eng.] [JPRS: 33,906]

SUB CODE: 07. 18 / SUBM DATE: 22Sep64 / ORIG REF: 002 / OTH REF: 005

Card 1/1 LS

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SZAMORULSKI, Jerzy, W.

Calibration of hydrostatic pressure gauges with consideration  
of the comparison level. Pomiarzy automatyka kontrola 8 no.2:  
61-63 F '62.

1. Główny Urząd Miar, Warszawa.

SZAMCSFALVI, J.

Instantaneous soldering bit. p.63.  
RADIOTECHNIKA. (Magyar Onkentes Honvedelmi Szovetseg) Budapest.  
Vol 6, no. 3, Mar 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

SZAMOS, Rudolf

Loafers. Ujit lap 17 no.5:4-5 16 Mr '65.

L 4/424-06 T IJP(c)  
ACC NR: A:6034994

SOURCE CODE: HU/0005/65/071/012/0533/0535

AUTHOR: Biro, Janos--Biro, Y.; Feher, Istvan--Fekher, I.; Szabo, Laszlo--Sabo, L.;  
Szamosi, Gyorgy--Samoshi, G.

ORG: Central Research Institute of Physics, Hungarian Academy of Sciences, Budapest  
(Magyar Tudomanyos Akademia, Kozponti Fizikai Kutato Intezet)

TITLE: Low background beta-radiation counter 14

SOURCE: Magyar kemiai folyoirat, v. 71, no. 12, 1965, 533-535

TOPIC TAGS: beta radiation, radiation counter

ABSTRACT: The measuring installation described is suited for the determination of  $\beta$ -activities of a pCi order of magnitude. A pair of anti-coincidence-shielded GM tubes were used in the apparatus under discussion. By means of suitable shielding and electric circuits it has been achieved that the background of the apparatus was  $0.9 \pm 0.1$  cpm with a sensitivity identical with that of GM-tube measuring installations. The authors thank Bolla Dezso, Knurr Ferenc, and Denes Gyorgyne for construction of the apparatus and assistance with the measurements. Orig. art. has: 6 figures. [JPRS: 34,518]

SUB CODE: 18 / SUBM DATE: 26Apr65 / ORIG REF: 001 / OTH REF: 001

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SZAMOSI, G

Relativistic effects in the theory of  $\alpha$ -particle. M. Diezler and G. Szamosi (Central Research Inst. Phys. Budapest). *Acta Phys. Acad. Sci. Hung.* 6, 67-71 (1957) (in English). The detn. of binding energy of the  $\alpha$ -particle by means of a variational method is given. The 1-particle eigenfunctions involving the variational parameter are of the oscillator type. A real scalar meson field is responsible for the nuclear interaction. The latest results of classical relativistic dynamics, i.e., the repulsive and many body forces, are considered. The values of  $g$  (the mesonic charge) are found to be  $7.36e$  and  $31.4e$  ( $e$  is the electronic charge). In the latter case the importance of the repulsive and many-body forces greatly increase.

E. Row

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SZAMOSI, G.

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Szamosi, G. Über die Verallgemeinerung der kanonischen Bewegungsgleichungen. Hungarica Acta Physica 1, no. 6, 27-31 (1949).

A prescription is given for obtaining the Hamiltonian field equations and the canonically conjugate variables from a Lagrangian which depends on high derivatives of the field variables. The method is a generalization of Ostrogradski's treatment of the same problem in classical particle mechanics [Mém. Acad. Imp. Sci. Saint-Petersbourg (6) 0. Première Partie. Sci. Math. Phys. 4, 385-517 (1850)]. It is based on treating all time derivatives of the field variables, except the highest, as independent canonical variables. Their conjugate momenta are derived from the Lagrangian in the usual way. Bose-Einstein or Fermi-Dirac quantization then leads to a quantum field formalism in agreement with several others that have recently been described [T. S. Chang, Proc. Cambridge Philos. Soc. 42, 132-138 (1946); 43, 196-204 (1947); J. S. de Wet, *ibid.* 44, 546-559 (1948); Proc. Roy. Soc. London. Ser. A. 195, 365-376 (1948); *ibid.* 7, 404; 8, 426; 10, 9, 418]. The proof of relativistic invariance given by these two authors therefore applies.

R. Karplus (Cambridge, Mass.).

Source: Mathematical Reviews,

Vol 11 No.

SMW

SZAMOSI, L. G.

Shell structure of atom nuclei. L. G. Szamosi (Zentral

Forsch. Inst. Physik, Budapest). Naturwissenschaften 40,  
105(1953).—An effort is made to give a math. background  
for the structure of nuclei in successive shells, using the  
spin-orbit interaction and the meson trough model.  
B. J. C. van der Hoeven

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SZAMOSI, G.

②  
~~Shell structure of atom nuclei. II. G. Szamosi (Inst  
Physik, Budapest). *Naturwissenschaften* 40: 433 (1953);  
cf. *C.A.* 47, 120117.—Math. B. J. C. van der Hoeven...~~

PMZ

10-4-54



SZAMOSI, GEZA

2901\* *Repulsive Forces in the Nucleus. Tanultmány az atommagban.* (Hungarian.) Geza Szamosi. *Magyar Fizikai Folyóirat*, v. 2, no. 4, 1954, p. 318-319.  
Reviews the literature. Proposes a two-nucleon atom model, taking into consideration the experimental data on the "cubic" nucleon. 8 ref.

SZAMOSI, GEZA

Category : HUNGARY/Theoretical Physics - Quantum Field Theory

B-6

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 218

Author : Marx, Gyorgy, Szamosi Geza

Title : Motion of a Nucleon in a Scalar Meson Field

Orig Pub : Magyar fiz. folyoirat, 1955, '3, No 2, 141-156

Abstract : General Treatment of the authors' previously-published works. See Referat. Zhur Fizika 1956, 9567, 15766; 1957, 217.

Card : 1/1

SZAMOSI, G.

HUNG.

539.152.1

9499. On the spin-orbit interaction between nucleons.  
G. SZAMOSI. *Acta phys. Hungar.* 3, No. 3-4, 243-54  
(1954).

The possible energy states of nucleons are investigated on the basis of the well-known Mayer-Haxel-Jensen-Suess theory of nuclear shell structure, assuming a simple Yukawa interaction between the nucleons. The value of the coupling constant is chosen  $5\epsilon$ . The density of the nucleus is assumed to be constant. The proton and neutron levels are given separately, the Coulomb repulsion being also taken into account. The preferred nucleon numbers of the nuclei obtained from the theoretical calculations are in good agreement with the experimental data. The results strongly depend on the choice of  $g$ , the parameter of the spin-orbit coupling as well as on the assumptions for the density distribution.

A.  
Berg D.H.

52. K.M. O.S. I, G.

POI

530.12 : 530.145

344. Relativistic motion in a scalar field. G. M. ax  
AND G. SZAMOSI. Bull. Acad. Polon. Sci. Cl. 3, 2,  
No. 10, 445-9 (1954).

The motion of a particle is considered in a field such that the world force is not orthogonal to the world velocity. The rest-mass is then of the form  $m + \phi/c^2$ , where  $\phi$  is the potential of the scalar field, and the motion can be represented as non-relativistic motion with equivalent potential  $\propto \phi + \phi^2/2mc^2$  (see also Abstr. 10 (1935)). These considerations are applied to a nucleon moving under a central attraction; mass becomes negative for  $\phi < -mc^2$  and the field is then effectively a repulsion. A. A. NEVINSKI

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SZAMOSI, G.

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539,152,1

101. REPULSIVE FORCES AND THE PROBLEM OF SATURATION IN THE NUCLEUS. G. Szamosi  
 Bull. Acad. Polon. Cl. 3, Vol. 3, nos. 4, 381-5 (1955)  
 Shows that the non-linearity of the "relativistic potential" automatically gives rise to quantum-mechanical many-body forces between nucleons. Hence the effect of such a potential may be considerably greater than that of a repulsion introduced phenomenologically, or even that arising from a two-body treatment and may therefore in itself suffice to explain nuclear saturation.  
 J. V. Gardner

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SZAMOSI, G.; MARX, G.

Classical motion of nucleons in a scalar meson field. In English. p. 218.  
ACTA PHYSICA. Budapest. Vol. 4, no. 3, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2,  
February 1956.

SZAMOSI, G.

NU ✓ The surface energy of excited atomic nuclei. O. Marx and G. Szamosi (Roland-Eötvös Univ., Budapest). *Acta Phys. Acad. Sci. Hung. 5, 189-88 (1956)* (in German).

Born and Courant's method (C.A. 7, 3562) for the treatment of the surface tension of fluids is applied to a calculation of the surface energy of at. nuclei as a function of temp. The results show that the surface tension of nuclei decreases appreciably with the energy of excitation. It is suggested that this fact should be of importance in the interpretation of nuclear processes. H. H. Jaffé

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SZAMOSI, G.

In memory of Albert Einstein. p. 359. KOZLEMENYEI. Budapest. Vol. 5,  
no. 3, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956



Szamosi, G.

HUNGARY/Theoretical Physics

B-6

Abs Jour : Referat Zhur - Fizika, No 5, 1957, No 10880  
Author : Szamosi, G.  
Inst : Roland Eotvos University, Budapest, Hungary  
Title : Relativistic Motion of a Material Point Under the Influence  
of an Arbitrary Force.  
Orig Pub : Acta phys. Acad. sci. hung., 1956, 5, No 4, 463-469  
Abstract : Under the assumption that the four-dimensional work dif-  
fers from zero, the author considers several properties of  
the relativistic equation of motion. The rest mass  $M_0$  is  
in this case a variable quantity:  
$$M_0 = m + Q/c^2, Q = - \int K_\nu dx_\nu, \text{ where } K_\nu \text{ is the Minkows-}$$
  
ky force. When moving in a field of attraction, this

Card 1/2

HUNGARY/Theoretical Physics

B-6

Abs Jour : Referat Zhur - Fizika, No 5, 1957, No 10880

results in repulsion at small distances from the force center. The velocities possible are close to the speed of light. The repulsion can take place also in a quantum-mechanical description, which is important for nuclear forces.

Card 2/2

SZANKAI, G.

Relativistic effects in the theory of the  $\alpha$ -particle. In English. p. 67. ACTA PHYSICA. (Magyar Tudományos Akadémia) Budapest. Vol. 6, No. 1, 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956.

SZAMOSI, G.

ISRAEL

" A Possible Correction of the Semiempirical Mass Formula" by G. Szamosi and  
M.A. Ziegler.

Acta. phys. Hungar., Vol. 6, No. 2, 1956.

SO: Physics Abstracts, No. 716, Vol. 60, Aug. 1957, Uncl.

SZAMOSI, G.

ISRAEL

"Variational Principle and Potential in Relativistic Dynamics" by G. Szamosi.  
Acta phys. Hungar., Vol. 6, No. 2, 1956.

SO: Physics Abstracts, Sect. A, Vol. 60, No. 713, May 1957, Uncl.

SZAMOSI, G.

Physical theory of atomic fission p. 38 FIZIKAI SZEMLE. (Eotvos  
Lorand Fizikai Tarsulat) Budapest Vol 6, no 2, Apr. 1956

Source: EEAL - LC Vol 5. No. 10, Oct. 1956

SZAMOSI, G.

✓ Szamosi, G. Variational principle and potential in relativistic dynamics. Acta Phys Acad. Sci. Hungar. 6 (1956), 207-215. (Russian summary)

The purpose of this paper is to develop a Lorentz-invariant canonical method of relativistic dynamics. The usual difficulty lies in the fact that the four velocity vector components  $u_r$  are not independent from each other but satisfy the condition  $u_r u_r = 1$ . The author's trick consists in the following: he uses as a parameter not  $\tau$  ( $d\tau^2 = dx_\mu dx_\mu$ ), but an arbitrary invariant  $s$ ; then the formalism becomes as simple as that in classical mechanics. After having the equations of motion  $\tau$  is reintroduced through the equation  $ds/d\tau = m_0/M$ , where  $m_0$  is constant (the mass in absence of external field) and  $M$  is the "rest mass", generally not constant. L. Infeld

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SZAMOSI, G.

HUNGARY/Nuclear Physics

C-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11140  
Author : Szamosi, G., Ziegler, M.A.  
Inst : Central Research Institute for Physics, Budapest, Hungary.  
Title : A Possible Correction of the Semi-Empirical Mass Formula.  
Orig Pub : Acta phys Acad. sci. hung, 1956, 6, No 2, 345-346

Abstract : The constant  $a_5$  in the Coulomb term  $a_5 Z^2 A^{-1/3}$  in the semi-empirical formula for the binding energy of the nucleus can be determined from the difference in the binding energies of the mirror nuclei  $\Delta E = a_5 A^2/3$  and turns out to be equal to 0.58 Mev. This value corresponds to an excessively large magnitude of the constant  $r_0 = R_0/A^{1/3}$ : if one assumes a uniform distribution of the charge over the nucleus, one obtains

$$r_0 = 1.4 \times 10^{-13} \text{ cm. If, however,}$$

Card 1/3



HUNGARY/Nuclear Physics

C-4

Ab's Jour : Ref Zhur - Fizika, No 5, 1957, 11140

The resultant semi-empirical formula

$$E = -15.6A + 17.1A^{2/3} + 21.2 \frac{(Z-Z_0)^2}{A} + 0.6(A-ZZ) + 0.12Z^2A^{-1/2} + 0.6$$

is in agreement with the experimental data over the entire interval of variation of A.

Card 3/3

Szamosi

HUNGARY/Theoretical Physics - Classical Electrodynamics. Classical B-3  
Theory of Fields

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 22064

Author : Szamosi Geza, Marx Gyorgy

Inst : Not Given

Title : Variational Principles in Relativistic Dynamics

Orig Pub : Magyar fiz. folyoirat, 1957, 5, No 6, 511-522

Abstract : See Reforet Zhur Fizika, 1957, 8, 18909; No 12, 29539.

Cerd : 1/1

SIKORCZI, Z. ; SZEPESVARY, P. ; ZARON, S.

Investigation of petroleum sulfur compounds. I. p. 444.

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete)  
Budapest, Hungary  
Vol. 14, no. 10, Oct. 1959.

Monthly List of East European Accessions (EMEA) IC., Vol. 8, no. 10, Dec. 1959.  
Incl.

SZAMOSI, Jozsef

Calculations of designing sulfuric acid factories operating by  
the nitrose process. Veszprem vegyip egy kozl 4 no.4:401-402  
'60

1. Vegyimuveket Tervezo Vallalat, Budapest.

SZAMOSI, Jozsef, Dr.; KAMARAS, Ilona, Dr.

Significance of developmental disorders and lithiases in childhood  
pyurias. Orv. hetil. 99 no.25:843-849 22 June 58.

1. A Fovarosi Heim Pal Gyermekkorhaz (igazgato: Sarkany Jenő dr.)  
gyermekosztályának (főorvos: Szamosi József dr.) közleménye.

(URINARY TRACT, infect.

in child., etiol. role of kidney abnorm. & calculi (Hun))

(KIDNEYS, Abnorm.

in etiol. of urinary tract infect. in child. (Hun))

(KIDNEYS, calculi

same))

SZAMOSI, J.<sup>copy</sup>; OSZTOVICS, Magda; BACKHAUSZ, R.

Hyperglobulinaemic purpura associated with splenomegalic cirrhosis in childhood. Contributions to the pathogenesis of the disease. Acta Paediat Acad Sci Hung 1 no.3:179-188 '60.

1. P. Heim Children's Hospital, and Institute for Serobacteriological Production and Research "Human", Budapest.

(PURPURA in inf & child) (BLOOD PROTEINS in inf & child)  
(LIVER CIRRHOSIS in inf & child) (SPLENOMEGALY in inf & child)

SZAMOSI, Jozsef, dr.

Plasma protein formation and their evaluation in various diseases.  
Gyermekgyogyaszat 11 no.2:33-41 F '60.

1. A Fovarosi Tanacs Heim Pal Gyermekkorhaz (Igazgato: Sarkany  
Jeno dr.) kozlemenye.  
(BLOOD PROTEINS)

SZAMOSI, Jozef, dr.; KAMARAS, Ilona, dr.

Significance of hematuria in hospital practice. Orv. hetil. 103 no.28:  
1306-1312 15 J1 '62.

1. Fovarosi Tanacs, Heim Pal Gyermekkorhaz, Gyermekbelosztaly.  
(HEMATURIA in inf & child)



SZAMOSI, Jozsef, dr.

Alcoholic intoxication in childhood and its therapy. Gyermekgyogyasdat  
14 no.3:81-88 Mr '63.

1. Fovarosi Tanacs Heim Pal Gyermekkorhaz (Igazgato: Sarkany Jeno dr.)  
Gyermek es Toxicologiai osztalyanak kozlemenye.  
(ALCOHOLIC INTOXICATION) (GLUCOSE INJECTION) (INSULIN)

HUNGARY

BALCZK, Laszlo, Dr, VALADY, Anna, Dr, SZAMOSI, Jozsef, Dr; Heim Pal Children's Hospital, Pediatric, Medical and Toxicological Wards (Heim Pal Gyermekkorhaz, Gyermek, Bel- es Toxikologiai Osztaly), Budapest.

"Cyanide Poisoning in a Child."

Budapest, Orvosi Hetilap, Vol 104, No 37, 15 Sept 63, pages 1756-1757.

Abstract: [Authors' Hungarian summary] The authors describe the successful treatment of cyanide poisoning of a 5 year-old child. Sodium nitrosum and sodium thiosulfate treatment was administered. The methemoglobinemia which arose as a result of the treatment was combatted by the withdrawal of 500 ml and transfusion of 700 ml blood. The literature on cyanide poisoning is reviewed and attention is called to exchange transfusions as a mode of treatment. 1 Hungarian, 12 Western references.

1/1

SZAMOSI, Jozsef, dr.; KAMARAS, Ilona, dr.; KOVACS, Ilona, dr.

Data on the diagnosis and prognosis of acute diffuse glomerulonephritis in children. Orv. hetil. 104 no.41:1927-1930 13 0 '63.

1. Fovarosi Tanacs, Heim Pal Gyermekkorhaz, Gyermek es Toxicologiai Osztaly.

(GLOMERULONEPHRITIS) (STREPTOCOCCAL INFECTIONS)  
(ANTISTREPTOLYSIN) (HEMATURIA) (ALBUMINURIA)  
(HYPERTENSION) (PROGNOSIS)

BALOGH, Laszlo, dr.; VALADY, Anna, dr.; SZAMOSI, Jozsef, dr.

Cyanide poisoning in childhood. Orv. hetil. 104 no.37:1756-1757 15 S '63.

1. Heim Pal Gyermekkorhaz, Gyermek-, Bel- es Toxikologiai Osztaly.

(POISONING) (CYANIDES)  
(EXCHANGE TRANSFUSION) (THIOSULFATES)  
(NITRITES)