

MESZAROS, E.; WIRTH, Endre

Spectral distribution of raindrops falling from stratiform clouds.
Idojaras 64 no.2:82-87 Mr-Apr '60. (EAI 10:3)
(Rain and rainfall) (Clouds) (Spectrum analysis)

MESZAROS, Erno.

Some words on the latest theory on the origin of precipitation.
Idojaras 64 no.3:184-187 My-Je '60. (EEAI 10:1)
(Precipitation (Meteorology))

MESZAROS, Erno

Determination of the distribution of fog particles with
regard to their size. Orsz meteor int besz tud kut 25:18-21
'61 (publ.'62).

HUNGARY

Authors: ⁰ ~~MESZAROS~~, E. and ~~...~~ ¹ ~~...~~ E.

Title: "The Spectral Distribution of Raindrops from Cumulus Clouds."

Source: Budapest, Izotárs, Vol. 65, No 2, March-April 1961, pp 32-33.

Abstract: Between March and July 1960, measurements were made in the Aerological Observatory (Aerológiai Observatórium) of Budapest for the spectral distribution of raindrops from cumulus clouds, with the help of the well-proved hydrophotographic-plate method. Similarly to our earlier measurements, the distribution by drop diameters was calculated in every case for the number of raindrops (N) falling on a unit of surface during a unit of time, for the number of raindrops (N) in a unit of volume and for the water content (w) in grams. Several characteristic cases were selected from our measurements for the demonstration of spectral distributions. Table I shows the number of drops per cubic meter by the intervals between drop diameters (in mm). The distributions were grouped according to rain intensity. On the basis of Table I, the maximum frequency, mode, and maximum drop

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1/3

MESZAROS, Erno

Erosion of rain droplets. Idejaras 65 no. 1:212-215 J1-Ag '61.

MESZAROS, Erno

"Physics of clouds" by A. Kh. Khargian. Reviewed by Erno Messaros.
Idojaras 65 no.5:309 S-0 '61.

(Clouds) (Meteorology) (Physics)

MESZAROS, Erno

Measuring the concentration of large and giant condensation chloride nuclei. Orsz meteor int besz tud kut 26:396-404 '62 (publ. '63).

MESZAROS, Erno

Direct methods for the determination of the water content of clouds
and fog. Idejaras 66 no.2:110-112 Mr-Apr '62.

MESZAROS, Erno; WIRTH, Endre

Raindrop spectrum and rain intensity. Idejaras 66 no.3:153-156
My-Je '62.

MESZAROS, Erno

Latest methods for catching fog particles. Idojaras 66 no.4:229-231
Jl-Ag '63

MESZAROS, Erno

Annual course of the concentration of atmospheric chloride particles. Idojaras 67 no.2:110-112 Mr-Ap '63.

MESZAROS, Erno

Correlation between atmospheric aerospl concentration and air masses. Idojaras 67 no.3:170-171 My-Je '63.

MILOCHEV, G. [Miloshev, G.N.]; MESZAROS, J. [translator]

Effect of the absorption on the formation of crystal embryos in
case of isomorphic condensation nuclei. Idojaras 67 no.6:333-
338 N-D '63.

1. Institut de Geophysique de l'Academie des Sciences de Bulgarie,
Sofia (for Miloshev).

MESZAROS, Erno

Seasonal changes in the concentration of atmospheric sulphate particles. Idojaras 68 no.1:43-44 Ja-F 1968.

ADAMY, Laszlo; MESZAROS, Erno

Meteorological and physicochemical causes for fog formation in industrial areas. Idojaras 68 no.6:383 N-D '64.

L 20836-66 FCC

ACCESSION NR: AP5026876

CZ/0023/65/009/001/0065/0074

4
B

AUTHOR: Maszoros, Erno

TITLE: Identification of calcium particles in the atmosphere 12

SOURCE: Studia geophysica et geodastica, v.9, no. 1, 1965, 68-74

TOPIC TAGS: calcium, atmospheric sampling, rain

Abstract [English article, author's Russian summary]: Using the microanalytical method, measurements were made to determine the size and number of atmospheric nuclei containing water-soluble calcium. In some instances the concentration of particles of insoluble calcium carbonate was also determined, by exposing the sample to vapors of hydrochloric acid. The concentration of water-soluble and insoluble calcium is tabulated and shown in diagrams. On average the mass of the calcium particles ranges from 0.01 to 1.0 microgram per cubic meter. The obtained values indicate that the amount of calcium in rain water cannot be explained merely as the capture of water-soluble calcium by raindrops. It may be concluded that the captured insoluble calcium becomes completely soluble in rainwater. Orig. art. has 1 figure, 3 formulas, 4 graphs, and 1 table.

ASSOCIATION: Aerological Observatory of the Meteorological Institute, Budapest

SUBMITTED: 17Feb64

ENCL: 00

SUB CODE: ES

NO REF SOV: 000

OTHER: 013

JPRS

Card 1/1

L 31375-66 FCC

ACC NR: AP6021127

SOURCE CODE: HU/0033/65/069/04-/0257/0262

AUTHOR: Meszaros, Erno

ORG: none

TITLE: Relations between the quantity and chemical composition of precipitation water

SOURCE: Idojaras, v. 69, no. 4-5, 1965, 257-262

TOPIC TAGS: atmospheric precipitation, ion concentration, chemical composition, electric conduction, atmospheric water

ABSTRACT: The quantity of precipitation during the summer and the winter in Budapest in 1964 was correlated with the content of chloride ion, sulfate ion, nitrate ion, ammonium ion, and calcium, and such electrical characteristics as pH and electrical conductivity in the precipitate. The data obtained were presented and discussed. The significance of the relationships observed, such as the air-scrubbing ability of the various precipitates, was discussed in terms of overall chemical and physical phenomena, such as rainout and washout. Orig. art. has: 9 figures and 1 table.

[JPRS]

SUB CODE: 04, 07 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 003

Card 1/1 CC

L 31382-66 FCC
ACC NR: AP6021134

SOURCE CODE: HU/0033/65/069/04-/0291/0293

25
B

AUTHOR: Meszáros, Erno; Meszaros, Nagy Agnes

ORG: none

TITLE: Extent of the air-polluting effect of Budapest

SOURCE: Idojaras, v. 69, no. 4-5, 1965, 291-293

TOPIC TAGS: air pollution, aerosol. 8

ABSTRACT: Aerosol-concentration determinations were conducted at the Aerological Observatory (Aerologiai obszervatorium) in Pestlorinc, at Eotvos Lorand Scientific University (Eotvos Lorand Tudomanyegyetem) in Budapest, and at the National Institute of Hygiene (Orszagos Kozegeszsegugyi Intezet) [location not given] during the heating seasons of 1962, 1963, and 1964. The results were compared to those obtained at uninhibited areas between Miskolc and Hatvan. It was found that the extent of the pollution caused by the heating extended to an area of 20-25 kilometers around the center of Budapest. Orig. art. has: 1 table. [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Card 1/1 CC

L 30105-66 FCC
ACC NR: AP6020623

SOURCE CODE: HU/0033/66/000/001/0010/0016

AUTHOR: Meszaros, Erno--Mesarosh, E.

ORG: none

TITLE: Role of chloride particles of maritime and continental origin in the formation of the chloride content of the precipitation. This paper was presented at the symposium on cloud physics organized by the Hungarian Meteorological Society in Budapest on 8-10 Sep 65.

SOURCE: Idojaras, no. 1, 1966, 10-16

TOPIC TAGS: atmospheric precipitation, gas adsorption, chloride, atmospheric evaporation

ABSTRACT: By knowing the mass concentration of chloride particles of maritime and continental origin, as well as the vertical variation of its size distribution with some additional assumptions, it is possible to estimate the chloride content of raindrops of different sizes. According to such estimations carried out for the summer period, the average chloride content of the rain is 0.2 ug./l. The deviation between the calculated and measured values ranges within one order of magnitude; it can be interpreted as a result of the evaporation of raindrops and of the adsorption of gaseous chlorine. Orig. art. has: 3 figures, 5 formulas, and 4 tables. [Orig. art. in Russian.] [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 014 / SOV REF: 001
Card 1/1 CLR

MESZAROS, Elek, dr.

Rehabilitation activities in agricultural cooperatives. Nepegeszseggy
44 no.4:112-113 Ap '63.
(REHABILITATION) (STATE MEDICINE)
(AGRICULTURAL WORKERS' DISEASES)

MESZAROS, Ferenc

"Deru", the first locomotive in Budapest. Vasut 8 no.3:22
30 Ap '58.

MESZAROS, Ferenc

Interview with three inventors from the Research Institute of the
Pharmaceutical Industry. Ujit lap 12 no.8:14 25 Ap '60.

MESZAROS, Ferenc

"It is my duty to do my best"; an interview with Chief Engineer Lajos Somogyi, a gold-metal-bearer innovator of the Lagymányos Tobacco Factory. Ujit lap 12 no.13;7 12 J1 '60.

MESZAROS, Ferenc; KENDERESSY, Janos

How does an innovation come into being? An interview with Janos Kenderessy, chief building manager of the Bridge Constructing Enterprise. Ujit lap 12 no.17:24 10 S '60.

1. Hidepito Vallalat foepitesyezetoje (for Kenderessy).

MESZAROS, Ferenc

The Petofi Partisan Brigade. Elet tud 16 no.11:323-327
12 Mr '61.

MESZAROS, Ferenc

History of "Fecske"; how was the Hungarian filter cigarette
born? Ujit lap 14 no.9:62 10 My '62.

MESZAROS, Ferenc

Effect of vertical loading of poles with heavy dead load
and light useful weight on dimensioning. Villamossag 11 no.10:
307-308 0 '63.

1. Eszaktudományi Áramszolgáltatató Vállalat Műszaki Fejlesztési
Osztály.

MESZAROS, G.

JANCSICH, I.; MESZAROS, G.

"The movement for more economy by standardizing dimensions in the electrical engineering industry." p. 521. (Magyar Technika, Vol. 8, no. 9, Sept 53, Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 4 Uncl

MOSKOW, U.S.S.R.

MOSKOW, U.S.S.R. Signal generator. p. 21

Vol. 1, No. 1, Oct. 1951.

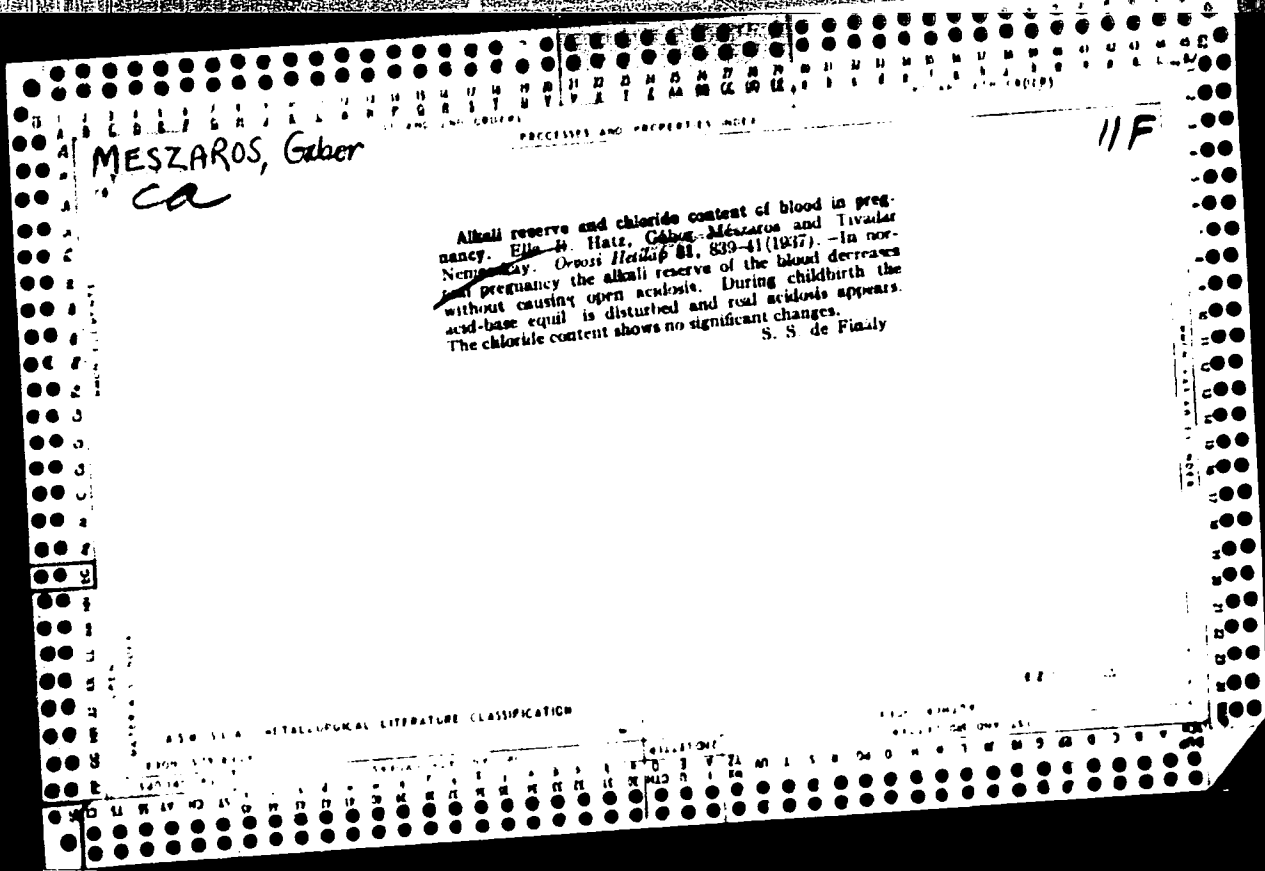
ALICE CHINA
TECHNOLOGY
Budapest, Hungary

See: Soviet Encyclopedia, Vol. 1, No. 1, Aug. 1950.

MESZAROS, G.

"Activity of the district hospital in increasing the number of births; communication from the hospital of the district council of Täte, Adam Balogh, Director. p. 38. (NEPEGESZSEGUGY, Vol. 34, no. 3, Mar. 1953, Budapest.

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, Aug. 1953, Uncl.



MESZAROS, Gabor, dr.

Use of procaine-caffeine in *gynecology* and *obstetrics*. *Magy. noorv. lap.* 19 no.4:205-214 July 56.

1. Z tatal varosi tanacs korhazanak kozlemenye (Igazgato-fiorvos: Balogh, Adam, dr.).

(GYNECOLOGICAL DISEASES, ther.

procaine with caffeine, indic. & pharmacol. (Hun))

(PROCAINE, ther. use

gynecol. dis., with caffeine, indic. & pharmacol. (Hun))

(CAFFEINE, ther. use

gynecol. dis., with procaine, indic. & pharmacol. (Hun))

MESZAROS, Geza

The Workers' Academy of Transportation has started.
Auto motor 11 no.23:3 15 D '58.

1. Kozlekedesi es Szallitasi Dolgozok Szakszervezetének
Autokozlekedesi Szakmai Bizottsaganak elnoke.

BERENCSI, György; MESZAROS, György

Problem of pulmonary mycosis based on patients in the environment of Debrecen. Tuberkulózis. 12 no.3:69-70 Mar 59.

1. A debreceni Orvostudományi Egyetem TBC-Klinikája (igazgató: Pongor Ferenc dr.) közleménye.

(LUNG DISEASES, epidemiol.
fungus dis., in Hungary (Hun))

(FUNGUS DISEASES, epidemiol.
pulm. in Hungary (Hun))

MESZAROS, Gyorgy, dr.

The role of time factor in tuberculosis control. Tuberkulozis
12 no.9:198-204 S '59.

1. A Debreceni Orvostudományi Egyetem Tbc. Klinikája (mb.
igazgató: Pongor Ferenc dr.) bronchologiai osztályának
(osztályvezető: Meszaros Gyorgy dr.) közleménye.
(TUBERCULOSIS prev & control)

MESZAROS, Gyorgy, dr.

Pulmonary hamartochondroma. Tuberkulózis 12 no.10:224-229
O. '59.

1. A Debreceni Orvostudományi Egyetem Tbc. Klinikája (mb.
igazgató: Pongor Ferenc dr.) bronchológiai osztálya (oszt.
vez.: Meszaros Gyorgy dr.) közleménye.
(LUNGS neopl)
(HAMARTOMA case reports)
(CHONDROMA case reports)

MESZAROS, Gyorgy, dr.

Significance of narcosis in pediatric bronchology. Orv.
hetil. 100 no.43:1558-1562 0 '59.

1. A Debreceni Orvostudományi Egyetem Tbc. Klinikája (mb.
igazgató: Pongor Ferenc dr.) bronchológiai osztályának (oszt.
vez. Meszaros Gyorgy dr.) közleménye.

(ANESTHESIA, GENERAL in inf. & child.)
(BRONCHOSCOPY anesth. & analgesia)
(BRONCHI radiography)

MESZAROS, Gyorgy, dr.

Chronic abscessing pneumonitis as a differential diagnostic problem.
Tuberkulozis 13 no.4:111-115 Ap '60.

1. A Debreceni Orvostudományi Egyetem Tbc Klinikája (mb. igazgató:
Pongor, Ferenc, dr.) bronchológiai osztályának (osztályvezető:
Meszaros, Gyorgy, dr.) közleménye.
(PNEUMONIA diag.)
(LUNG ABSCESS diag.)

MESZAROS, Gyorgy, dr.; SIMARSZKY, Janos, dr.

Primary leiomyosarcoma of the lung. Tuberkulózis 13 no.5:144-
148 Ap '60.

1. A Debreceni Orvostudományi Egyetem Tbc klinikája (Mb. igazgató:
Pongor, Ferenc, dr.) bronchológiai osztályának és Korbonctani
Intézetének (Igazgató: Endes Pongrac, dr.) közleménye.
(LUNG NEOPLASMS case reports)
(LEIOMYOSARCOMA case reports)

MESZAROS, Gyorgy, dr.; BANHIDI, Endre, dr.; KERTESZ, Laszlo, dr.

Data on the technic of endobronchial application of colloidal
in bronchial carcinoma. Orv.hetil. 101 no.42:1489-1492
16 0 '60.

1. Debreceni Orvostudományi Egyetem, Tbc. Klinika, Bronchologiai
Osztály.

(LUNG NEOPLASMS radiother.)
(GOLD radioactive)

MESZAROS, Gyorgy, dr.; SIMARSZKY, Janos, dr.

Extramedullary endobronchial plasmocytoma. Tuberkulozis 14 no.2:55-57
F '61.

1. A Debreceni Orvostudományi Egyetem Tbc Klinikájának (igazgató:
Pongor Ferenc dr. egyetemi docens) és Korbonctani Intézetének (igazgató:
Endes Pongrac dr. egyetemi tanár) közleménye.

(BRONCHI neopl)
(MYELOMA PLASMA CELL case reports)

MESZAROS, Gyorgy, dr.; FABIAN, Sandor, dr.; BANHIDI, Endre, dr.; VEZENDI,
Sandor, dr.

Bronchography under overpressure and anesthesia in apneic patients.
Tuberkulosis 14 no.3:68-71 Mr '61.

1. A Debreceni Orvostudományi Egyetem Tbc Klinika (mb. igazgató: Pongor
Ferenc dr. egyetemi docens) bronchologiai osztályának közleménye.

(APNEA diag) (BRONCHI radiography)

MESZAROS, Gyorgy, dr.

Chronic foreign body as a bronchologic problem. Tuberkulosis 14 no.5:
138-142 My '61.

1. A Debreceni Orvostudományi Egyetem Tbc Klinika (mb. igazgató:
Pongor Ferenc dr.) bronchologiai osztályának (oszt. vez.: Messáros
György dr.) közleménye.

(BRONCHI foreign bodies)

MESZAROS, Gyorgy, dr.; BERENCSI, Gyorgy, dr.

Chronic coated tracheobronchitis associated with ozena. Tuberkulozis
14 no.9:274-275 S '61.

1. A debreceni Orvostudományi Egyetem TBC-klinikájának (mb. igazgató:
Pongor Ferenc dr.) közleménye.

(RHINITIS ATROPHIC compl) (BRONCHITIS compl)

MESZAROS, Gyorgy, dr.; BANHIDI, Endre, dr.; VEZENDI, Sandor, dr.

A new method for the local management of cavities. Tuberkulozis 15
no.7:208-211 J1 '62.

1. A debreceni Orvostudományi Egyetem Tbc Klinika (mb. igazgató:
Pongor Ferenc dr. egyetemi docens) Bronchologiai Osztályának közleménye.
(TUBERCULOSIS PULMONARY surg)

MESZAROS, Gyorgy, dr.; MOLNAR, Borbala, dr.; BANHIDI, Endre, dr.

The role of catheter biopsy in the diagnosis of bronchial carcinoma: Tuberkulozis 16 no.9:263-266 S '63.

1. A debreceni Orvostudományi Egyetem, Tbc Klinika (mb. igazgató: Pongor Ferenc dr., egyetemi docens) Bronchologiai Osztályának (osztályvezető: Meszaros Gyorgy dr. egyetemi docens) közleménye.
(BRONCHIAL NEOPLASMS) (LUNG NEOPLASMS)
(TUBERCULOSIS, PULMONARY) (DIAGNOSIS, DIFFERENTIAL)
(BRONCHOSCOPY) (CATHETERIZATION)

MESZAROS

ZSEBOK, Z.; MESZAROS, Gy.

Surgical and radiographic anatomy of the pancreas. Acta med. hung.
11 no.1:139-158 1957.

1. Röntgenabteilung der I. Chirurgischen Klinik der Medizinischen
Universität, Budapest.

(PANCREAS, radiography
anat. & surg. aspects (Ger))

MESZÁROS Gy. I. Chir. Klin., Med. Univ., Budapest. *Osteophthisis
(Osteolysis) pelvis et femorum. Osteophthisis (osteolysis) of the
pelvis and the femora ZBL. CHIR. 1957, 82 4 (161-165) Illus. 4

This is the 5th case reported in the literature and, so far as the spread of the disease is concerned, the second. The process spread for 5 yr., to an extraordinary degree. The detailed description and working out of the clinical picture calls attention to the possible disturbance of the endocrine system. Thorough elaboration of other similar cases may, possibly, bring an explanation of the aetiology.

HEDRI, E.; MESZAROS, Gy.; MUNDI, B.

Current problems in pancreatic surgery. *Acta chir. acad. sci. hung.*
3 no.4:362-381 '62.

1. I Chirurgische Klinik (Direktor: Prof. Dr. Dr. h.c.E. Hedri)
der Medizinischen Universität Budapest.
(PANCREAS)

MESZAROS, Gyula (Besenyotelek, Rakoczi ut 2)

▲ letter to the editor. Radiotechnika 12 no.10:339 0 '62.

MESZAROS, Gyula, dr.; TOROK, Istvan, dr.

Experiences with percutaneous catheter serio-angiography. Orv. hetil.
103 no.11:485-488 18 Mr '62.

1. Budapesti Orvostudományi Egyetem, I sz. Sebészeti Klinika.

(ANGIOGRAPHY)

MESZAROS, Gy.

A modification of Hackenbruch's operation for inguinal hernia.
Acta Chir. Acad. Sci. Hung. 5 no.1:1-4 '64.

1. First Department of Surgery, University Medical School,
Budapest.

MESZAROS, Gy.; MOLNAR, I.; NAGY, L.; SZITA, J.

Catgut sterilization by ionizing radiation. Acta chir. acad. sci. Hung. 6 no.3:245-257 '65.

I. Gesundheitsdienst der Ungarischen Volksarmee; Textilforschungsinstitut; II. Pathologisches Institut (Direktor: Prof. Dr. L. Haran-ghy) der Medizinischen Universität Budapest; Bakteriologische Abteilung des Zentralinstituts für Gesundheitswesen. Submitted September 29, 1964.

HUNGARY

MESZAROS, Gy., Dr, KATZA, L., Dr, BANNIDI, E., Dr, VEZENCI, S., Dr; Medical University of Debrecen, Pulmonary Clinic (director: PCWIGOR, Ferenc, Dr) (Debreceni Orvostudományi Egyetem, Tudománygyógyászati Klinika).

"Data Concerning the Problem of Residuum Formed at the Place of Pulmonary Abscess After Treatment with an Inhibitor Compound."

Budapest, Orvosi Hetilap, Vol 107, No 40, 2 Oct 66, pages 1888-1892.

Abstract: [Authors' Hungarian summary] The fate of residua formed at the site of pulmonary abscess was studied in 90 patients treated for the disease by inhibitor compounds between 1957-59. Residuum was diagnosed in a total of 64 cases. The patients were under medical control for 6-12 years after their discharge and 56 patients participated in the present study. In these, cicatrized residuum and residual cavity were distinguished from a radio-morphological aspect. Among the patients discharged with a residual cavity, resection was performed in 5 because of hemorrhage and in 3 because of recurrence. The other patients were free of symptoms several years later. 3 Hungarian, 28 Western references.

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- 81 -

MESZAROS, H.Maria; NOVAK, A.

Photosynthetic investigation of vine-hybrids. Acta bot Hung
8 no.3/4:317-318 '62.

1. Institute of Plant Physiology, Budapest, and State Farm,
Balatonaliga.

MESZAROS, Imre; MIHOLICS, Jozsef

Outline of China's physical geography. Foldr kozl 8
no.3:285-301 '60.

MESZAROS, Imre

The concept of natural and physical geography. *Felir kozl* 9 no.1:92-93 '61.

MESZAROS, Istvan, tudományos munkatárs

Tard before the liberation and today. Stat szemle 41 no.6:551-578 Je '63.

1. Központi Statisztikai Hivatal könyvtára.

USSR/Human and Animal Physiology. Nervous System.
Higher Nervous System. Behavior.

T

Abs Jour: Ref Zhur-Diol., No 20, 1958, 93647.

Author : Adan, G., Zubor, L.N., Mesarosh, I.
Inst : AS USSR

Title : Teamwork Between the Cerebral Cortex in Connection with
the Symmetrical Interoceptive Conditioned Reflexes in the
Presence of Kidney Irritation.

Orig Pub: V sb.: Probl. fiziol. tsentr. nervn. sistemy. M.-L.,
AN SSSR, 1957, 13-16.

Abstract: In dogs with a fistula in the salivary glands and with
an exposed ureter, interoceptive conditioned reflexes
(ICR) were developed under reinforced feeding. The
stimulation of the mechano-receptors of one kidney pelvis
served as conditioning agent by means of an injection

Card : 1/2

COUNTRY : Hungary T
CATEGORY : Human and Animal Physiology. The Nervous System
ABSTRACT : Abstract. p. 5 1955, No. 22407
AUTHOR : Gyorgy, A., Meszáros, I.
TITLE : The Connections of the Frenal Pelvis with Higher Nervous Centers.
CITATION : Kiserl. invest. 1957, 9, No. 4, 347--353
ABSTRACT : No abstract

Card: 1/1

~~1. KIDNEY~~
ADAM, G.; MESZAROS, I.

Contributions to the higher nervous connections of the renal pelvis
and the ureter. Acta physiol. hung. 12 no.4:327-334 1957.

1. Institute of Physiology, Medical University, Budapest.

(KIDNEY PELVIS, innerv.

higher nerv. connections of afferent impulses in dogs.)

(URETERS, innerv.

same)

MESZAROS, I

ADAM, G.; MESZAROS, I.; ZUBOR, L.

On the joint function of the cerebral hemispheres in connection with renal pelvic and ureteral symmetric afferent impulses. Acta physiol. hung. 12 no.4:335-339 1957.

1. Institute of Physiology, Medical University, Budapest.

(BRAIN, physiol.

joint funct. of cerebral hemispheres in connection with symmetric afferent impulses from kidney pelvis & ureters of dogs)

(KIDNEY PELVIS, innerv. same)

(URETERS, innerv. same)

MESZAROS I. I. I.

ADAM, Gyorgy; MESZAROS, Istvan; ZUBOR, Ludmilla

Function of the cerebral hemispheres in connection with symmetrical afferent stimuli in the renal pelvis. Kiserletes orvostud 9 no.5-6: 624-628 Oct-Dec 58.

1. Budapesti Orvostudományi Egyetem Elettani Intézete.

(REFLEX. CONDITIONED

interoceptive kidney pelvis reflexes in demonstration of symmetrical analysis & differentiation of symmetrical afferent impulses from kidney pelvis by cerebral hemispheres in dogs (Hun))

(KIDNEY PELVIS, innerv.

symmetrical analysis & differentiation of symmetrical afferent impulses from kidney pelvis by cerebral hemispheres in dogs. demonstration by interoceptive reflexes (Hun))

(BRAIN, physiol.

same)

ADAM, G.; MESZAROS, I.; LEHOTZKY, K.; NAGY, K.

The role of the limbic cortex in visceral afferentation. Kiserletes
orvostud. 10 no.4:411-415 Aug 58.

1. Budapesti Orvostudományi Egyetem Elettani Intézete.

(CEREBRAL CORTEX, physiol.

role of limbic cortex in visceral afferent mechanisms of
autonomic NS (Hun))

(AUTONOMIC NERVOUS SYSTEM, physiol.
same)

MESZAROS, I

ADAM, G.; MESZAROS, I.; LEHOTZKY, K.; NAGY, K.

The role of the limbic cortex in visceral afferentation. Acta physiol. hung. 14 no.2:135-139 1958.

1. Institute of Physiology, Medical University, Budapest.
(BRAIN, physiol.
limbic system, role in visceral afferentation)

GERBER, Matyas; ALFMAN, Kurt; MESZAROS, Istvan

Mechanism of increased diuresis induced by hypnotic suggestion.
Kiserletes Orvostudomány 11 no.1:27-34 Feb 59.

1. Országos Testnevelés- és Sportegészségügyi Intézet, Budapest.

(HYPNOSIS

induction of increased diuresis by hypnosis in human
volunteers, mechanism (Hun))

(DIURESIS, physiol.
same)

ADAM, Gyorgy; MISCAROS, Istvan

Changes in cerebral electrical activity after the effect of intero-
ceptive unconditioned and conditioned irritation of the intestine.
Kiserletes Orvostudomány 11 no.4:437-439 August 1959

1. Budapesti Orvostudományi Egyetem Elettani Intézets.
(REFLEX CONDITIONING)
(INTESTINES, physiol)
(ELECTROENCEPHALOGRAPHY)

ADAM, Gyorgy; BODANSZKY, Hedvig; MATYUS, Endre; MESZAROS, Istvan;
NAGY, Klara

On compensatory activity of the afferent system of the kidney
pelvis. Kiserletes Orvostud. 11 no.5:507-510 0 '59.

1. Budapesti Orvostudományi Egyetem Elettani Intézete és
Urológiai Klinikája.
(KIDNEY PELVIS physiolo)

ADAM, G.; MESZAROS, I.

Conditioned and unconditioned cerebral cortical activation to renal pelvic stimulation. Acta physiol.hung. 18 no.2:137-141 '60.

1. Institute of Physiology, Medical University, Budapest.
(REFLEX CONDITIONED)
(REFLEX)
(CEREBRAL CORTEX physiol)
(KIDNEY PELVIS physiol)

ADAM, G.; MESZAROS, I.; LEHOTZKY, Kornelia; HAGY, A.; RAJK, A.

On the role of the brain stem activation system in the conditioning to visceral stimulation. Acta physiol.hung. 18 no.2:143-147 '60.

1. Institute of Physiology, Medical University, Budapest.
(BRAIN STEM physiol)
(REFLEX CONDITIONED)
(INTESTINE SMALL physiol)

BOKRETAS, Andras, dr.; MESZAROS, Istvan, dr.; SCHWEIGER, Otto, dr.

Considerations on case histories of chronic tuberculous in-patients
in the community Baranya in 1959. Tuberkulozis 15 no.5:155-157 My '62.

1. Baranya Megyei Tbc Gondoza Intezet (ig. foovos: Bokretas Andras
dr.) Mohacsi Jarasi Korhaz (ig. foovos: Csate Istvan dr.) es Orsz.
Koranyi Tbc Intezet (ig. foovos: Boszormenyi Miklos dr., tudomanyos
vezeto: Foldes Istvan dr.)kozlemeny.

(TUBERCULOSIS statist)

HUNGARY

LEHOTZKY, KORNÉLIA, MESTRARIOS, István, and TARDOS, László, of the Pharmacological Laboratory at Chinoin Pharmaceutical Works and Institute for Biology at the Medical University (Chinoin Gyógyszergyár Farmakológiai Laboratóriuma and Orvostudományi Egyetem Élettani Intézete); both in Budapest.

"Central Nervous Effect of Antidiabetic Sulfonylurea Compounds"

Budapest, Act. Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 2, 1963, pp. 219-223.

Abstract: (English article; authors' English summary) The central nervous changes caused by toxic doses of tolbutamide have been studied by recording the electro-cardiogram in cats. The intravenous injection of tolbutamide has been found to give rise to strychnine-like convulsions, extending over the entire cortex. Six references, including 1 Hungarian, 1 Russian, and 4 Western.

1:1

MESZAROS, I.; LEHOTZKY, Kornelia; ADAM, G.

Differential inhibition of interoceptive conditioned arousal.
Acta physiol. acad. sci. hung. 23 no.4:347-353 '63.

1. Institute of Physiology, Medical University, Budapest.
(INTESTINAL FISTULA) (URINARY FISTULA)
(BRAIN ELECTROPHYSIOLOGY)
(ELECTROENCEPHALOGRAPHY)
(REFLEX, CONDITIONED)
(RETICULAR FORMATION)

L 15519-66

ACC NR: AT6007376

SOURCE CODE: HU/2505/65/026/00X/0009/0010

AUTHOR: Mazzaro, I.; Kukorelli, T.

ORG: Institute of Physiology, Medical University of Budapest (Budapesti Orvostudományi Egyetem, Elektani Intézet)

31
B+1

TITLE: New data relating to reticular control of cerebral cortical evoked potentials [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, 9-10

TOPIC TAGS: brain, cat, cerebral cortex, drug effect, tranquilizer, neurophysiology, pharmacology

ABSTRACT: It was previously shown in acute experiments on cats that stimulation of the brain stem reticular formation for varied lengths of time evoked different changes in the configuration of the cerebral cortical responses to the stimulation of the sciatic and splanchnic nerves. In the present study an attempt was made to determine how these changes in configuration would be modified by blocking the activity of the brain stem reticular formation with chlorpromazine. It was shown that, in response to

Card 1/2

L 15519-66

ACC NR: AT6007376

the i.v. administration of 5 mg/kg chlorpromazine, the amplitude of both phases of the cerebral cortical evoked potentials decreased. At the same time, the changes in amplitude in response to stimulation of the reticular formation for different lengths of time were the same in character and degree as without chlorpromazine. This confirms the assumption that the impulses to the reticular formation are eliminated by chlorpromazine while the diffuse system of the brain stem remains capable of functioning under the effect of the drug. The decrease in amplitude of the evoked potentials is presumably due to a diminution in reticular formation activity. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

MESZAROS, I.; FLORELLI, T.

Reticular control of spirometric ventilation. Acta
acad. sci. Hung. 26 no.1:143-147 1965

1. Institute of Physiology, University Medical School,
Budapest.

E 28999-66

ACC NR: AT6019376

SOURCE CODE: HU/2505/65/027/003/0237/0246

AUTHOR: Moyseieva, N. A.; Mészáros, Istvan

26
B+1

ORG: Moyseieva Institute of Physiology in Pavlov, Leningrad; Mészáros Institute of Physiology, Medical University of Budapest (Budapesti Orvostudományi Egyetem, Kísérleti Intézet)

22

TITLE: Effect of stimuli applied to the reticular formation of the brain stem on the cortical evoked potentials in the course of ontogenesis

SOURCE: *Academia scientiarum hungaricae. Acta physiologica*, v.27, no.3, 1965, 237-246

TOPIC TAGS: cat, brain, autonomic nervous system, biologic aging

ABSTRACT: Cortical potentials, evoked in young cats of different ages by the stimulation of visceral (splanchnic) and somatic (sciatic) nerves, have been studied in different activity phases of the non-specific system of the brain stem. Evoked cortical potentials could be registered in all of four age groups. The response varied according to age. Latency of the cortical response was, in all age groups, longer after splanchnic than after sciatic stimulation and longest in the 1 month age group, i.e., longer than in either older or younger animals. Noteworthy changes in the cortical potentials were obtained on stimulation of the brain stem reticular formation whether the potential had been evoked viscerally or somatically. These changes were more pronounced when the splanchnic nerve was stimulated. The non-specific effect

Card 1/2

L 28999-66
ACC NO: AT6019376

was particularly marked in the 1 month age group. Cortical localization is not sufficiently circumscribed in young kittens, so that responses could be recorded from a wide cortical area in such animals. Orig. art. has: 7 figures.
[Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 11Apr64 / ORIG REF: 002 / OTH REF: 011
DOW REF: 013

Cont 2/2 RLB

HUNGARY / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25172

Author : Meszaros, Istvan

Inst : Not given

Title : An Investigation of the Climatic Factors Influencing the Sugar Beet Yield

Orig Pub: Statiszt. szemle, 1957, 35, No 3, 175-185 (Hung.)

Abstract: No abstract.

Card 1/1

MESZAROS, Istvan; SZEPEES, Laszlo

The 1960 experiments for harvesting vegetables. Jarmu mez
gop 8 no.9:346-349 S '61.

1. Mezogazdasagi Gepkiserleti Intezet tudomanyos munkatarsa
(for Meszaros). 2. Mezogazdasagi Gepkiserleti Intezet muszaki
ugyintezoje (for Szepes).

MESZAROS, Istvan; SZEPES, Laszlo

Mechanization of vegetable ingathering is of vital importance.
Mezogazd techn 1 no.7:4-5 '61.

MESZAROS, Istvan

Grain harvest; threshing and deep plowing can be done simultaneously. Mezogazd techn 1 no.7:10 '61.

1. Foigazgato helyettes.

MESZAROS, Istvan; NEMES, Mihaly; SAS, Bela; GECZY, Karoly

Autumn agricultural work. Mezőgazd techn 3 no.10:1-3 '63.

1. Földművelésügyi Minisztérium Gepesítési és Gepállomási
Főosztályának helyettes vezetője (for Meszaros). 2. Mező-
gazdasági Gépjavító Trócsint igazgatója (for Nemes). 3. Csongrad
megyei Tanács Vegrehajtó Bizottsága Mezőgazdasági Osztály
vezetője (for Sas). 4. Földművelésügyi Minisztérium Állami
Gazdaságok Főosztályának osztályvezetője (for Geczy).

MESZAROS, I.

Role of male animals in increasing fertility; also, remarks by Usaba Anghi and others, p. 317. (Koslemyesi, Budapest, Vol. 4, no. 3/4, 1954.

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

MESZAROS, I.

MESZAROS, I. Hungarian-Czech-slovak conference on teckbreeding and
veterinary hygiene. p. 17.

Vol. 11, No. 11, June 1956

MAGYAR MEZŐGAZDASÁGI
AGRICULTURE
Budapest, Hungary

So: East European Accession, Vol. 6, no. 5, May 1957

MESZAROS, Istvan, dr., ag allatorvestudományok kandidátusa

Remarks on the article "Buying bulls on the basis of preliminary semen test" by [Dr] Karoly Kerényi and [Dr] Lajos Simén. Magyar allatorv lap 17 no.8:309-310 Ag '62.

MESZAROS, Istvan, dr.

An account of the Moscow International Seminar on Artificial Insemination.
Magy allatorv lap 17 no.8:310-311 Ag '62.

HUNGARY

MESZAROS, Istvan, LEHOTZKY, Kornelia, ADAM, Gyorgy; Medical University of Budapest, Institute of Physiology (Budapesti Orvostudományi Egyetem, Élettani Intézet).

"Differential Inhibition of Interoceptive Conditioned Arousal."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 4, 1963, pages 347-353.

Abstract: [English article, authors' English summary] Differential inhibition of the conditioned interoceptive arousal reaction has been studied in dogs with double intestinal or ureteral fistula. It has been found that, if the mechanical stimulation of the wall of one intestinal segment is associated with a reticular stimulus causing arousal, and the stimulation of the other intestinal segment is not followed by reinforcement, a differentiation of the conditioned arousal develops. No differential inhibition develops to the stretching of the two renal pelvis. On the basis of the evidence gathered, conclusions are drawn as to the central representation of non-symmetrical and symmetrical visceral afferentation. 2 Western, 6 Eastern European references.

1/1

8

L 45468-66

SOURCE CODE: HU/2505/65/026/01-/0143/0148

ACC NR: AT6033355

AUTHOR: Meszaros, I.; Kukorelli, T.

ORG: Institute of Physiology, Medical University of Budapest (Budapesti Orvostudományi Egyetem, Elettani Intezet)

19
841

TITLE: Reticular control of splanchnic afferentation [Paper presented at the symposium of the Hungarian Physiological Society held in Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 143-148

TOPIC TAGS: cerebral cortex, cat, neurophysiology

ABSTRACT: The effect of stimulation of the reticular formation for various lengths of time on the cerebral cortical evoked potentials of splanchnic and sciatic origin has been investigated on 37 unanesthetized cats paralyzed with gallamine triethiodide. On increasing the non-specific stimulation, the evoked potentials of splanchnic origin were found to be gradually blocked after an initial increase, whereas the sciatic nerve responses were increasingly facilitated. Orig. art. has: 4 figures. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 003
OTH REF: 013

Card 1/1 fv

0920 1377

DJUBEK, Jozef, doc. inz. CSc.; MESZAROS, Ivan, inz. CSc.

Experimental determination of deflection surfaces of slender walls of plate girders. Stav cas 13 no.4:193-209 '65.

1. Institute of Building and Architecture of the Slovak Academy of Sciences, Bratislava. Submitted May 12, 1964.

MESZAROS, J.

"Accident Prevention in Cutting Plants", P. 24, (TÖBETTELIES, Vol. 9,
No. 1, Jan. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EMAL), 10, Vol. 4,
No. 1, Jan. 1955, Uncl.

FONYO, A.; KOVACH, A.G.B.; MAKIARY, E.; LESZKOVSKY, G.; MESZAROS, J.

The effect of potassium ions and glutamate on the incorporation of P-32 into nucleotides and phosphocreatine in brain slices. Acta physiol. hung. 14 no.3:305-307 1958.

1. Institute of Physiology, Medical University, Budapest.

(POTASSIUM, eff.

on phosphorus incorporation into nucleotides & phosphocreatine in brain slices)

(GLUTAMATES, eff.

same)

(BRAIN, metab.

eff. of glutamate & potassium on phosphorus incorporation into nucleotides & phosphocreatine in brain slices)

(PHOSPHORUS, metab.

brain, eff. of glutamate & potassium on incorporation into nucleotides & phosphocreatine in brain slices)

(NUCLEOSIDES AND NUCLEOTIDES, metab.

brain, eff. of glutamate & potassium on phosphorus incorporation into nucleotides in brain slices)

(COENZYMES, metab.

phosphocreatine, eff. of glutamate & potassium on phosphorus incorporation in brain slices)

L 31842-66 T JK

ACC NR: AP6021325 (A) SOURCE CODE: PO/0081/65/019/003/0331/0334

AUTHOR: ~~Jaroszyńska-Weinberger, Barbara--Yaroshin'ska-Veynberger, V.; Sporzynski, Tadeusz--Spozhin'ski, T.; Meszaros, Jadwiga--Mesharos, Ya.; Kreska, Barbara--Kreska, B.~~ (technical assistant) 32

ORG: Clinic of Infectious Diseases of Children/director: Professor Doctor J. Bogdanowicz/, AM, Warsaw (Klinka Chorob Zakaznych Wieku Dzieciecego; Institute of Epidemiology/director: Professor Doctor J. Kostrzewski/, PZH, Warsaw (Zaklad Epidemiologii) B

TITLE: Attempt at the determination of the etiology of angina after smallpox vaccination b

SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 331-334

TOPIC TAGS: disease incidence, virus disease, bacteriology, immunization

ABSTRACT: Virological and bacteriologic tests of one hundred children vaccinated against smallpox for the first time revealed that throat inflammation (swelling of mucuous membranes, transparence of vesicles) occurs in 70 percent of the cases, usually 5-7 days after vaccination. In some cases the pattern of the disease is more serious (pseudodiphtherial angina) and appears 10-13 days after vaccination. Since no trace of vaccinia virus was found in inoculated chick embryos, it is assumed that the presence of the virus in blood at the time of vaccination may have a delayed allergizing effect. The authors thank Dr. M. Stopnicka, Dr. Z. Bilinska, Dr. W. Pstragowska, and Dr. H. Karwowska for making possible the research on the grounds of the Children and Infant's home.

[JPRS]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 010

Card 1/1mc

L 31841-66 T JK

ACC NR: AP6021326 (A) SOURCE CODE: PO/0081/65/019/003/0335/0346
AUTHOR: Meszaros, Jadwiga--Meszaros, Ya.; Fidzianska, Elzbieta--Fidzyan'ska, O.; 27
Kreska, Barbara--Krenska, V. B

ORG: Institute of Epidemiology/director: Professor, Doctor of medicine J. Kostrzewski,
PZH, Warsaw (Zaklad Epidemiologii); State Virologic Institute (Zaklad Wirusologii
Panstwowego; Institute of Hygiene, Warsaw (Zaklad Higieny)

TITLE: Laboratory diagnosis of smallpox during the epidemic in Poland in 1963

SCURCE: Przeglad epidemiologiczny, v. 19^o no. 3, 1965, 335-346

TOPIC TAGS: bacteriology, cytology, virus disease, bacterial antigen, diagnostic medicine, epidemiology

ABSTRACT: Samples from smallpox suspects were tested during the epidemic in Poland in 1963. Chorioallantoic membrane of chick embryos was used for isolation. Hyperplastic foci occurred as a result of infecting HeLa cells with small doses of the identified virus. The phenomenon is described in the literature as the differentiating agent between variola and vaccinia virus. Serum hemagglutinin levels obtained by the authors correspond to the results of McCarthy, Downie, Elizberg and Marennikowa. A high correlation existed between serum antigen levels and the clinical pattern of the disease. Antihemagglutinin levels corroborate the diagnosis of variola. In the event of clinical and bacteriological negative findings, this may serve as a basic diagnostic method. The authors thank Docent, Doctor T. Sporzynski for valuable comments and discussion of the results. Orig. art. has: 9 figures and 3 tables. [3PRS]

SUB CODE: 06/ SUBM DATE: none / ORIG REF: 003/ OTH REF: 024/ SOV REF: 001

Card 1/1mc

POLAND

MESZAROS, Jadwiga; JAROSZYNSKA-WEINBERGER, Barbara; and KRESKA, Barbara;
Department of Epidemiology, National Institute of Hygiene (Zaklad
Epidemiologiczny Panstwowego Zakladu Higieny) Head (Kierownik) Prof Dr J.
KOSTRZEWSKI, and Clinic for Children with Infectious Diseases (Klinika
Chorob Zakaznych Wieku Dzieciecego), Head Prof Dr J. BOGDANOWICZ, [Warsaw.]

"Serologic Data on Children Following Smallpox Vaccination Protected by
either Gamma Globulin or Methisazone."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 4, 1965, pp 417-420

Abstract [English summary modified]: There was essentially no difference in
the hemagglutinating antibody increase between that noted in 19 children
vaccinated against smallpox while orally treated with methisazone, and 22
who received gamma globulin instead: in both groups, the increase was
fourfold or higher. Two tables, 1 Polish unpublished, 1 Soviet and 5
Western references.

1/1

MESZAROS, Janos, dr., az allatorvostudományok kandidátusa

Recognition of latent PPLO contamination occurring in tissue cultures.
Magy allatorv lap 17:21 S '62.

1. Magyar Tudományos Akadémia Allategészségügyi Kutató Intézet, Budapest.

HORVATH, K.; MESZAROS, J.; CSERVENY, A.

The treatment of pregnancy toxemias. *Magy. orv. lap.* 15 no.
11:342-345 Nov 1952. (CML 23:5)

1. Doctors. 2. First Women's Clinic (Director -- Prof. Dr. Bela
Horn), Budapest Medical University.

HORN, B.; GOSZLETH, T.; MESZAROS, J.

Revision of the problem of manual removal of the placenta. *Magy. noorv. lap.* 15 no. 12:353-358 Dec 1952. (GIML 24:1)

1. Doctors. 2. First Women's Clinic (Director -- Prof. Dr. Bela Horn), Budapest Medical University.

TOTH, F.; CSOMOR, S.; MESZAROS, J.

Mesonephrogenic adenocarcinoma and adenoma of the uterine cervix.
Acta morph. Acad. sci. Hung. 13 no.1:83-90 1962

I. I. Gynaekologische Klinik (Direktor: Prof. Dr. B. Horn)
der Medizinischen Universität, Budapest.