

EXCERPTA MEDICA Sec 5 Vol 12/8 General Path. Aug 59

2096. THE ROLE OF ASSIMILATION AND ADAPTATION FACTORS IN THE DEVELOPMENT OF HETEROTRANSPLANTS - Die Rolle der Assimilations-Adaptationsfaktoren in der Entwicklung von Heterotransplantaten - Csaba G. Histol.-Embryol. Inst., Med. Univ., Budapest - VIRCHOWS ARCH. PATH. ANAT. 1958, 331/6 (653-665) illus. 8

In the behaviour of heterotransplants 3 phases can be distinguished: (1) the phase of traumatization and local disturbances in nutrition; (2) the phase of assimilation and adaptation; (3) the phase of immune reaction. Of the greatest importance for the fate of the transplant is the 2nd phase. This is shown by transplantations of liver tissue into the anterior chamber of albino rats' eyes. In autotransplantations only the biliary ducts remained alive, and regeneration started from these. All transplants from homologous and heterologous mammals and fowls were destroyed and only transplants from a fish and Triturus remained alive. Liver tissue cultivated on rat serum in tissue culture showed that all the tissues which remained alive in vivo survived also in vitro. It is therefore concluded that mainly all those tissues remain alive as transplants that are able to assimilate foreign proteins in vivo and in vitro. In the experiments of the author it is shown that the immune reactions are of less importance than assimilation and adaptation. The explanation for this fact is that tissues of phylogenetically lower forms have not only a higher ability for assimilation but also a lower antigen character.

Wagenfeld - Hamburg (V.1, 16)

CSABA, G.; MORO, I.; KISS, F.I.; JEGSAY, G.; ELODI, P.

On the exact mechanism of the agar-binding reaction in a quantitative method. Neoplasma, Bratisl. 6 no.4:366-382 1959.

1. Histologisch-Embryologisches Institut der Medizinischen University
Biochemisches Institut der Ungarischen Akademie der Wissenschaften,
Budapest, Ungarn.

(NEOPLASMA, diag.)

CSABA, György, dr.; TORO, Imre, dr.; KISS, Ferenc Istvan [deceased]

Cancer diagnostic method with quantitative agar fixation. Orv.
hétl 100 no.44:1580-1582 N '59.

1. A Budapesti Orvostudományi Egyetem Szövet és Fejődéstani
Intézetének (igazgató: Toro Imre dr. egyet. tanár, akadémikus)
közleménye.

(NEOPLASMS diag.)
(SEROLOGIC DIAGNOSIS)

CSABA, György, dr.

The role of mucopolysaccharides in the growth of tumors. Orv.
hetil. 100 no.52:1882 D '59.

1. A Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan
Intézetének (igazgató: Toro Imre dr. egyet. tanár) közleménye.
(MUCOPOLYSACCHARIDES metab.)
(NEOPLASMS exper.)

CSABA, Gyorgy

Examination of the human thymus with special reference to the
thymus fat cells. Kiserletes Orvostudomány 12 no.1:10-15
F '60.

1. Budapesti Orvostudományi Egyetem Szövet és Fejlődéstan
Intézete.

(THYMUS GLAND anat & histol)

CSABA, György; ACS, Tamas; HORVATH, Cecilia

The reciprocal action between 2 tumor transplants. Kiserletes
orvostud. 13 no.2:138-141 My '61.

1. Budapesti Orvostudományi Egyetem Szövet és Fejlődéstan Intézete.
(NEOPLASMS exper.)

CSABA, Gyorgy; MOLDOVANYI, Ilona

A new method for the quantitative determination of serum acid mucopolysaccharides (heparin). Kiserl. orvostud. 14 no.3:229-234
Je '52.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.
(HEPATIN blood)

CSABA, Gyorgy, dr., egyetemi adjunktus, az orvostudományok kandidátusa (Budapest)

Some words about the development deformities with special regard to
the "Contergan case." Term tud kozl 6 no.12:533-536 II '62.

TOROK, Gabor; CSABA, Gyorgy; HORVATH, Janos

Effect of heparin on the frequency of mutations induced on
Streptomyces. Biol kozl 10 no.1:51-57 '62.

1. Agrartudományi Egyetem Mikrobiológiai Tanszék, Godollo. Tan-
székvezető: Dr. Janos Horvath egyetemi tanár, és Budapesti Or-
vostudományi Egyetem Szövetani és Fejlődéstani Intézet.
Igazgató: R. Imre Toro egyetemi tanár, akadémikus. 2. Biológiai
Közlemények" szerkesztő bizottsági tagja (for Horvath).

*

BIERBAUER, József; CSABA, György

Investigating the effect of toluidine blue, a heparin binding substance, on the foot regeneration of *Pleurodeles waltlii*. Biol kozl 10 no.1:59-64 '62.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézet. Igazgató Dr. Imre Toro egyetemi tanár.

*

CSABA, Gy.; BERNAD, Iren

The formation of thymus cysts and Hassall's corpuscles in model experiments. Acta morph. acad. sci. hung. 11 no.4:403-414 '62.

1. Department of Histology and Embryology, University Medical School,
Budapest (Director: Prof. I. Toro).
(THYMUS GLAND) (TRANSPLANTATION)

CSABA, G.; HORVATH, Cecilia; MOLDOVANYI, Ilona

A study on protein content of tissues from vertebrates of different age or of different grade of evolution and its bearing on transplantability, Acta biol. 13 no.3:223-229 '62.

1. Department of Histology and Embryology, Medical University, Budapest (Head: I. Tero).

(NEOPLASMS, EXPERIMENTAL) (CARCINOMA, EHRlich TUMOR)
(FISH) (BIRDS) (AGING) (PROTEINS) (LIVER)
(UTERUS) (SPLEEN) (AMPHIBIA) (RODENTS)

CSABA, Gyorgy, dr., az orvostudományok kandidátusa, adjunktus

Transplantation and immunity of the tissues. Elővilág
8 no.3:27-31 My-Je '63.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstudományi
Intszete..

CSABA, G.; KULMANN, L.

On the physiological control of connective tissue mast cells.
Acta biol Hung 14 no.3:175-181 '63.

1. Department of Histology and Embryology, Medical University,
Budapest (Head: I. Toro).

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CSABA, G.; KOROSI, J.; HORVATH, C.; MOLD, K.; ACS, Th.

Effect of heparin-bound alkylating agents and enzyme inhibitors on neoplastic growth. Neoplasma 11 no.2:137-144 '64

1. Institute of Histology and Embryology, Budapest Medical University; Research Laboratory of the United Works for Pharmaceutical and Dietetic Products, Budapest, Hungary.

CSABA, G.; MOLD, K.; KOROSI, J.

On the effect of tumor-inhibiting agents bound to inactivated heparin on tissue cultures. Neoplasma (Bratisl.) 11 no.4:345-351 '64.

1. Histologisches und Embryologisches Institut der Medizinischen Universität, Forschungslaboratorium der Vereinigten Heil- und Nahrungsmittelwerke, Budapest, Ungarn.

CSABA, G.; TORO, I.; BERNAD, Iren; FISCHER, J.

The immunological competence of the thymus and spleen in newborn and adult rat. Acta biol. acad. sci. Hung. 14 no.4:301-309 '64.

1. Department of histology and embryology (Head: I. Toro), Medical University of Budapest, and biometrical division, mathematical research institute (Head: I. Juvancz), Hungarian Academy of Sciences, Budapest.

CSABA, G.; TOROK, Otilia; FISCHER, J.

Immunological competence of newborn and adult rat thymus and spleen after explanation in tissue culture. Acta biol. acad. sci. Hung. 16 no.2:161-168 '65.

1. Institute of Histology and Embryology, Medical University, Budapest (Head: I. Toro) Biometrical Division, Mathematical Research Institute of the Hungarian Academy of Sciences (Head: I. Juvancs). Submitted April 8, 1965.

IAJOS, L.;PALL, K.;CSABA, I.

Function and blood supply to the pituitary in advanced pregnancy
toxemias. Kiserletes orvostud. 5 no.2:102-106 Mar 1953. (CINL 24:4)

1. Obstetric and Gynecological Clinic of Pecs Medical University.

CSABA, I.

LAJOS, L.;PALI, K.;CSABA, I.

Function and blood supply of the adenohipophysis in late toxæmia of pregnancy. Acta med. hung. 4 no.3-4:273-281 1953. (CIME 25:5)

1. Of the Department of Obstetrics and Gynecology of Pecs University.

LAJOS, L.;PALI, K.;SZONTAGH, F.;GATI, I.;HUSVET, F.;~~CSABA, L.~~;HALVAX, L.

Improvement of results of abdominal operations with the utilization
of recent pathophysiological knowledges. Orv. hetil. 94 no.13:348-
351 29 Mar 1953. (CIWL 24:4)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof.
Dr. Laszlo Lajos), Pecs Medical University.

HUNGARY / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol.; No 5, 1958, 21871.

Author : Domany Sandor, Csaba Imre, Szekely Josef.

Inst * : Not given.

Title : In Vitro Utilization of O₂ By Placentas Ob-
tained in Normal and Pathological Pregnancies
of Various Duration. [L 001]

Orig Pub: Kiserl Orvostnd, 1956, 9, No 1, 48-53.

Abstract: The consumption of O₂ by placentas (P) obtained
in the first trimester of normal pregnancies
was of 6.5mm³ per 1 mg/hour. P. in pregnancies
with late toxemia absorbed 3.5mm³. Under fav-
orable hypoxic conditions (20% O₂) the consump-
tion of oxygen was lower, and in P. of early
pregnancy was 4.1, normal term. 2.3 and in preg-

Card 2/2 * *Placental Oxygen Consumption in Normal and Pathological Pregnancies*
1956, 9, No 1, 48-53.

LAJOS, László; CSABA, Imre; SANDOR

Regulation of the endocrine function of the placenta.
Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:
131-132 1957.

1. A Pécsi Orvostudományi Egyetem Szülészeti és Nőgyógyászati
Klinikája.

(PLACENTA, physiol.

pituitary regulation of endocrine funct. (Hun))

(PITUITARY GLAND, physiol.

regulation of endocrine funct. of placenta (Hun))

CSABA, Imre; DEMANY, Sandor; SZEKELY, Jozsef; BREILA, Istvan

Anaerobic glycolysis in placentas from different phases of normal and pathological pregnancies. Magy. noorv. lap. 22 no.2:112-117 May 57.

1. A Pécsi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának közleménye (Igazgató: Ináncs László dr. egyetemi tanár)

(PLACENTA, metab.

glycolysis, anaerobic, in different phases of normal & pathol. pregn. (Hum))

(CARBOHYDRATES, metab.

placenta, anaerobic glycolysis in different phases of normal & pathol. pregn. (Hum))

CSABA, IMRE

LAJOS, Iaszlo; CSABA, Imre; DOMANY, Sandor; SZEKELY, Jozsef; BREIYA, Istvan

Experimental studies on the conditions of the secretion of chorionic gonadotropins. Kiserletes orvostud 9 no.5-6:554-563 Oct-Dec 58.

1. Pecsí Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(GONADOTROPINS, CHORIONIC, physiol.
secretion under various exper. cond. in vitro (Hun))

CSABA IMRE; LAJOS LASZLO; DOMANY SANDOR

Bioassay of choriongonadotropin (HCG) and luteinizing hormone (LH) on frogs. Kiserletes orvostud. 10 no.2-3:195-200 Apr-June 58.

1. Pecs i Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(GONADOTROPINS, CHORIONIC, determ.
bioassay on male frogs (Hun))
(GONADOTROPINS, PITUITARY, determ.
interstitial cell stimulating hormone, bioassay on male
frogs (Hun))

LAJOS, L.; CSANA, I.; DOMANY, S.; SZEKELY, J.; ISTVAN, B.

Effects of gravidic adenohypophysis on the chorionic gonadotropin production of placenta in vitro. Kiserletes orvostud. 10 no.4:359-371 Aug 58.

1. Pecsí Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikája.
(PITUITARY GLAND, ANTERIOR, extracts
gravidic extract from autopsy material, eff. on chorionic gonadotropin prod. of placenta in vitro (Hun))
(GONADOTROPINS, CHORIONIC, physiol.
eff. of gravidic anterior pituitary extracts from autopsy material on prod. in placenta in vitro (Hun))

GORCS, Jeno; ~~CSABA, Imre~~; ~~KECSKES, Lajos~~

Glanduitrin instillation in prolonged pregnancy. Magy. noorv. lap.
21 no.4:232-235 Aug 58.

1. Pecsí Orvostudományi Egyetem Szülészeti és Nőgyógyászati Kliniká-
jának közleménye (Igazgató: Lajos Iászló dr. egyetemi tanár)

(LABOR, INDUCED

by oxytocin instillation in prolonged pregn (Hun))

(OXYGEN, ther. use

induction of labor by oxytocin instillation in prolonged
pregn. (Hun))

IAJOS, Iaszlo; CSABA, Imre; DOMANY, Sandor; SZEKELY, Jozsef; BRELLA, Istvan

Placental role of the adeno-hypophysis in labor and purperperium.
Kiserletes Orvostud. 12 no.2:157-164 Ap '60.

1. Pecsı Orvostudományi Egyetem Szuleszeti es Nogyogyaszati
Klinikaja.

(PITUITARY GLAND ANTERIOR physiol.)

(PLACENTA physiol.)

(LABOR physiol.)

(PURPERPERIUM physiol.)

LAJOS, Laszlo; CSAHA, Imre; DOMANY, Sandor; SZEKELY, Jozsef; BREILA, Istvan

Morphology and biology of experimental adeno-hypophysial conditions similar to changes caused by pregnancy. Magy. orv. lap. 25 no.5: 269-288 S '62.

1. A Pecszi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának közleménye (Igazgató: Lajos László dr. egyet. tanár).
(PITUITARY GLAND ANTERIOR) (ESTROGENS) (PREGNANCY)

CSABA, Jozsef, okl. olajmernok

Presentation of W.R.Cox's paper entitled "Key factors affecting the landing of casing," and its conclusions applicable in Hungarian conditions. Bany lap 95 no.4:265-275 Ap '62.

1. Országos Koolaj-es Gazipari Troszt Dunantuli Koolajfurasi Uzeme, Nagylengyel.

NIKODEMUSZ, Istvan, dr.; CSABA, Karoly, dr.; ORMAY, Laszlo, dr.

A case of botulism diagnosed by laboratory methods. *Orv.hetil.*
101 no.52:1856-1858 25 D'60.

1. Országos Elelmezés- és Táplálkozástudományi Intézet és
Országos Kózegenszegügyi Intézet.
(BOTULISM diag)

CSABA, Jozsef

Faunistic data on the destroyed bird collection of the
Szombathely Museum. Aquila 69/70:246-250 1962 (part 164)

JAKAB, Andras; SCHAFER, Lajos; TAPPER, Dezso, dr.; RADEZKY, Jenó;
PATKAI, Imre, dr.; BABAY, Karoly; SOLYMOSSY, Laszlo, dr.;
GYORY, Jenó; FEKETE, Karoly; FERENCZ, Miklos; GERREBY, Gyorgy;
SZEMERE, Laszlo; SAGHY, Antal, dr.; CSABA, Jozsef; KEVE, Andras,
dr.; AGARDI, Ede; KOFFAN, Karoly; SCHMIDT, Egon

Data on the avifauna of Dunantul. Aquila 69/70:260-266 '62-'63
[publ. '64].

OSABA, K.

TECHNOLOGY

Periodical: TECHNOLOGIA Budapest 1956/57 (published 1956)

OSABA, K. Comparative examinations concerning the bacteriological purity of sausage and meat products sampled in factories and in trade, p. 20.

Monthly List of East European Accessions (MEMA) 16, V. 1. , No. 5,
May 1959, Unclass.

OSABA, H.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956-57 (published 1958)

OSABA, H. Informative texts on the parasitological infestation of flour. p. 20.

Monthly List of East European Accessions (EEAI) 10, Vol. 6, No. 5,
May 1959, included.

OSABA, H.

TECHNOLOGY

Periodical: YE BEOCK Budapest 1956/57 (published 1956)

OSABA, H. Microbiological examination of red pepper sorts and other species.
p. 30.

Monthly List of East European Accessions (EEEA) 10, Vol. 4, No. 1,
May 1959, Unclass.

CSABA, K.; MOCY, F.

The resistance of food-packaging materials to storehouse parasites. p. 34.

Budapest, Hungary. Mellemezesrudimanyi Intezes. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (aka 1) 13, Vol ~~XXXXXXXXXXXXXXXXXXXX~~
9, no. 2, Feb. 1970
Incl.

SALVA, K.; NIKODENUS I.; PARJAN R.

The role of nonspecific pathogens in food poisoning. p. 36

Budapest, Hungary. Elelvesesrudimanyi Inteser. YEARBOOK. Budapest, 1961.

Monthly list of East European accession (AAE I) IC, Vol ~~XXXXXXXXXXXXXXXXXXXX~~
9, no. 2, Feb. 1960

Uncl.

CSABA, Karoly, dr.

Significance of the Arthropoda from the point of view of
food hygiene and the chief aspects of their control.
Elelm ipar 13 no.6:200- 3 of cover Je '89.

1. Orszagos Elelmezestudomanyi Intezet.

CSABA, K.

Significance of the Arthropoda from the food hygiene viewpoint and the main viewpoints on the protection against them. p.200.

ELELMEZESI IPAR. Budapest, Hungary. Vol. 13, no. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

CSABA, Karoly, Dr.

The significance of arthropods for food sanitation and the most important ways of controlling them. Elelm ipar 13 no.6:200-3 of cover Je '59.

1. Orszagos Elelmezestudomanyi Intezet.

CSABA, Karoly, dr.

Intestinal diseases caused by Salmonella. Elet tud 18 no.3:86-
87 Ja '63.

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CSABA, Karoly, dr.; NIKODEMUSZ, Istvan, dr.; D. PAL, Margit, dr.

Experiences in inspecting meat products. Nepegeszsegugy 44
no.10:301-304. O '63.

1. Közlemény az Országos Élelmeszes- és Táplálkozástudományi
Intézetből (igazgató: Tarján Robert dr. egyetemi tanár).
(FOOD INSPECTION) (MEAT) (FOOD POISONING)
(LEGISLATION, MEDICAL) (SALMONELLA FOOD POISONING)

CSABA, Enooly, dr.; NIKODEMUSZ, Istvan, dr.

On the etiology of food poisoning of bacterial origin. Nepegeszsegugy
44 no.1:25-28 Ja '63.

1. Kozlemeny az Orszagos Elelmeses- es Taplalkozastudomanyi Intezetbol
(igazgato: Tarjan Robert dr.).
(FOOD POISONING)

LAMPE, Istvan, dr.; TOTH, Bela, dr.; CSABA, Klara, dr.

Mesotympanic otitis of allergic origin. Fulorrsgegyogyaszat
10 no.2:63-67 Je'64

1. A Debreceni Orvostudományi Egyetem Ful-orrsgegeklinikájának
(Igazgató: Jakabfi, Imre, dr., egyet. tanár) közleménye.

CSABA, Lajos, dr.

Caries examinations in military personnel. Fogorv. szemle 47 no.10:
311-316 Oct 54.

(ARMED FORCES PERSONNEL, dis.
dent. caries in Hungary)

(DENTAL CARIES, statist.
in Hungary, military personnel)

CSABA, L.

Errors in designing and construction of public utility and civil-engineering works. p. 392.

MAGYAR EPITOIFAR. (Epiteipari Tudomanys Egyesulet) Budapest, Hungary, Vol. 7, no. 8/9, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

UNCL

CSABA, Laszlo; FARKAS, Ipoly

Brazilian architecture. Magyar ipar 12 no.10:442-446 '63.

CSABA, Sztankay

ENDRE, Hedri, dr.; CSABA, Sztankay, dr.; ENDRE, Kelemen, dr.

Splenectomy, indications and counterindications. Orv. hetil. 98 no.17:
425-433 28 Apr 1957.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikájának
(igazgató: Hedri Endre dr. egyet. tanár) közleménye.
(SPLEEN, surg.
excis., indic. & counterindic. (Hun))

CSABA, V.; SZILAGYI, T.; SZABO, E.; BOT, G.

Effect of hypothermia on phosphorylase activity in the liver.
Acta physiol.hung. 18 no.1:31.35 '60.

1. Institute of Pathophysiology and Institute of Medical Chemistry,
Medical University, Debrecen.

(HYPOTHERMIA, INDUCED experimental)

(PHOSPHORYLASES metabolism)

(LIVER metabolism)

ANTONOV, P.; MAGYAR, Balint [translator]; CSABAI, Istvan [translator]

Target jump by quadrangular parachute. Repules 17 no.4:17
Ap'64.

J. CSABAI.

"My Personal Experiences in the Matter of the Technical Qualification of Linen
Fibers." p. 110 (Magyar Textil Technika, No. 4, Apr. 1953 Budapest.)

Vol. 2. no. 9

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

AJTAY, Zoltan, dr., mining engineer, candidate of technical sciences;
CSABAY, Akos, mechanical engineer

Means and methods for observing starting mine fires by electrical
way. Izvestia Bary KI no.3/4:135-139 '59/60.

1. Igazgato, ~~es~~ Felelos szerkeszto es felelos kiado, "Izvestia
vengerskogo gornoisledovatelskogo instituta."

CSABAY, Akos, mech.engineer; RICHOLM, Istvan, electrical engineer

Investigations on the isolation level and contact protection
of secondary electric networks in mines. Izvestia Bany KI
no.3/4:153-162 '59/60.

CSABAY, Akos

The state and possibilities of automation in coal mining. Ujt
lap 14, no.17:4 10 S '62.

1. Banyaszati Kutato Intezet tudomanyos osztalyvezetoje.

CSABAY, Akos, Mech. Eng.

Recent development in screened cables and appliances. Izvestia Bary
KI no.5:115-124 '61.

NINAUSZ, Istvan, okleveles gepeszmernok, Kossuth-dijas kutatomernok;
CSABAY, Akos, okleveles gepeszmernok; RICHOLM, Istvan, okle-
veles villamosmernok, tudomanyos munkatars.

Electric accidents due to high-voltage trailing cables.
Villamosag 12 no.1:9-14 Ja'64.

1. Magyar Kabel Muvek (for Ninausz).
2. Banyaszati Kutatointezet tudomanyos osztalyvezeroje (for Csabay)
3. Banyaszati Kutatointezet (for Richolm).

CSABAY, Akos, okleveles gépészmérnök; NINAUSZ, Istvan, okleveles gépészmérnök,
Kossuth-díjas; RICHOLM, Istvan, okleveles villamosmérnök; VARGHA, László,
okleveles bányagépészmérnök

Mortal accidents caused by the application of high-voltage rubber
covered cables. Bányalap 97 no.7:456-462 JI 1964.

CSANADI, Gyorgy, dr., egyetemi tanar; FASKERTI, Sandor; SZABO, Dezso, dr., a kozlekedestudomanyok kandidatusa, okl.mernok; CSUHAY, Denes; TAKACS, Endre; CSABAI, Rudolf; NAGY, Rudolf; KUTAS, Laszlo, mernok; VASARHELYI, Boldizsar, dr., a muszaki tudomanyok doktora, tanszekvezeto egyetemi tanar; KOLLER, Sandor, megyetemi adjunktus; KALNOKI KISS, Sandor; GYOMBER, Sandor; TALLO, Gyula; KOZARY, Istvan; SZILAGYI, Lajos; HEGYI, Kalman, okl.mernok; BER CZIK, Andras; MARKI, Laszlo; PALFI, BUDINSZKI, Endre; NAGY, Endre, okl.mernok; SZATMARY, Ferenc; MAGORI, Judit; CSINHELYI, Bela; MESSZLERI, Zoltan; VEROSZTA, Imre; ZSICA, Sandor; TOROK, Istvan; KONCZ, Laszlo; WESSELY, Ferencne; SZABO, Bela; KOMOROCZI, Lajos; GINTL, Jozsef; CSONTOS, Dezso; JAKAB, Sandor; LOVASZ, Istvan, mernok; KISS, Karoly; ~~HODGECZ, Karoly~~

The City Transportation Conference in Szeged. Kozl tud sz 12 no.2:
49-54 F '62.

1. Akademiai levelezo tag, a kozlekedes- es postaugyi miniszter elso helyettese, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Csanadi) 2. Kozlekedes- es Postaugyi Miniszterium Muszaki Felugyeleti Osztalyanak vezetoje (for Faskerti) 3. Fovarosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak munkatarsa, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Szabo)

(Continued on next card)

~~CSABAI~~, Gyorgy --- (Continued) Card 2.

4. Fomernok, Kozlekedes- es Postaugyi Miniszterium Kozlekedespolitikai Osztalyanak munkatarsa (for Csuhay)
5. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Vezirigazgatosaganak szakosztalyvezetoje (for Takacs)
6. MAV fointezo, a Kozlekedestudomanyi Egyesulet miskolci területi szervezetének titkara (for Csabai)
7. Fomernok, a Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosa helyettes vezetoje (for Nagy)
8. Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaganak fejlesztési eloadoja (for Kutas)
9. "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Vasarhelyi)
10. Csoportvezeto fomernok, Debrecen m.j. Varosi Tanacs Vegrehajto Bizottsaga Ipari es Kozlekedesi Osztaly (for Kalnoki Kiss)
11. Rendorornagy, Csongrad Megyei Rendorfokapitanysag Kozrendvedelmi Osztalya (for Gyomber)
12. Fomernok, Miskolc m.j. Varosi Tanacs Vegrehajto Bizottsaga Epitesi es Kozlekedesi Osztaly (for Tallo)
13. Fomernok, Kozlekedes-es Postaugyi Miniszterium Utosztalya (for Kosary)
14. Fovarosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epitesi Osztalyanak vezetoje (for Szilagyi)
15. Ut-Vasutervezo Vállalat Kozlekedesi Osztalya vezetoje (for Hegyi)
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18. Szeged m.j. Varosi Tanacs Epitesi es Kozlekedesi Osztalyanak fomerneke (for Palfi Budinszaki) 19. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat iranyito tervezoje (for Endre Nagy) 20. Debreceni Kozlekedesi Vallalat igazgatoja (for Szatmary) 21. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Magori) 22. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Csikhelvi) 23. Miskolci Kozlekedesi Vallalat fomerneke (for Meszleri) 24. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Fozosztalyanak fomerneke (for Veroszta) 25. Szegedi Kozlekedesi Vallalat fomerneke (for Zsiga) 26. Miskolci Kozlekedesi Vallalat fokonyveloje (for Torok) 27. Debreceni Kozlekedesi Vallalat fomerneke (for Koncz) 28. Penzugy-miniszterium fosloadoja (for Wessely) 29. Pecsai Kozlekedesi Vallalat igazgatoja (for Szabo) 30. Epitesugyi Miniszterium Varosrendezesi Fozosztalyanak mernoke (for Komaroczi) 31. Fovarosi Villamosvasut Fomerneke (for Gintl)

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32. 51-es Autoközlekedési Vállalat munkatársa (for Csontos).
33. Ut-Vasuttermelő Vállalat irodavezető főmérnöke (for Jakab).
34. Budapesti Helyierdők Vasutak osztályvezetője (for Lovász).
35. Magyar Államvasutak igazgatóhelyettese (for Kiss, Karoly).
36. Magyar Államvasutak vezérigazgatóhelyettese (for Rodonyi).

CSABAY, Laszlo

HORVATH, Laszlo, dr.; GOLLIESZ, Viktor, t.s.; CSABAY, Laszlo, o.h.;
INOVAY, Janos, dr.

Examination of the blood serum in mongolian idiots by means of
paper electrophoresis. Orv. hetil. 96 no.42:1166-1167 16 Oct 55.

1. A Gyogypedagogiai Tanarkepzo Foiskola Hlettani Tanszekenek
(tanszekvezeto Horvath Laszlo dr. foiskolai tanar) es a Budapesti
Orvostudomanyi Egyetem Fogaszati Klinikajanak (igazgato: Balogh
Karoly dr. egyet. tanar) kozlemenye.

(MONGOLISM, blood in

gamma globulin & other blood proteins, electrophoresis,
relation to susceptibility to infect. (Hun))

(GAMMA GLOBULIN, in various dis.

mongolism, electrophoresis, relation to susceptibility
to infect. (Hun))

(BLOOD PROTEINS, in various dis.
same)

GOLLESZ, Viktor; CSABAY, Iaszlo; HORVATH, Iaszlo, Dr.

Data on hemopoiesis in Down's disease (Mongoloid idiots). Gyermekgyogy-
aszat 9 no.12:378-381 Dec 58.

1. A Gyogypedagogiai Tanarkepzo Foiskola (Ig.: Dr. Barcozi Gusztav)
Anatomiai-, Eletteni Tanszekenek (Vez.: Dr. Horvath Iaszlo) kozlemenye.
(MONGOLISM, blood in
hemopoiesis (Hun))
(HEMOPOIESIS, in various dis.
mongolism (Hun))

CSABAY, Laszlo, dr.; GOLLESZ, Viktor, dr.; HORVATH, Laszlo, dr.

Studies on the reticuloendothelial system in Down's disease.
Gyermekgyógyászat 10 no.12:376-379 D '59.

1. A Gyogyopedagogiai Tanárképző Főiskola (igazgató: Dr. Barczy
Gusztáv) Anatómiai-, Élettani Tanszékének (vez.: Dr. Horvath
Laszlo) közleménye.

(MONGOLISM physiol)
(RETICULOENDOTHELIAL SYSTEM physiol)

CSABAY, László, Dr.; HORVATH, László, Dr.; GÖLLÖSZ, Viktor, Dr.; CSABAY, László, Dr.

On Apert's syndrome. Gyermekgyógyászat 11 no.5:141-148 Ny '60.

1. A Gyógyypedagógiai Tanárképző Főiskola (Igazgató: dr. Barczy, Gusztáv) Anatómiai, Élettani Tanszék (Vezető: dr. Horvath, László) közleménye.

(ACROCEPHALY)

(FINGERS abnor.)

GOLLESZ, Viktor; HORVATH, Laszlo, dr.; CSABAY, Laszlo, dr.

Observations on sleeping children. Gyermekgyógyászat 11 no.12:
371-383 D '60.

1. A Gyógypedagógiai Tanárképző Főiskola (Igazgató: Dr. Barczy
Gusztáv) Anatómiai-Elettani Tanszékének (Vezető: Dr. Horvath
Laszlo) közleménye.
(SLEEP)

CSABAY, Laszlo; HORVATH, Laszlo; FERENCZ, Antal

Studies on the O₂ consumption of chick embryos by a modified Warburg method. Acta biol Hung 11 no.1:1-5 '60. (KEAI 10:4)

1. Chair of Anatomy and Physiology, College for Special Pedagogy, Budapest (Head, L.Horvath)
(OXYGEN)
(EMBRYOLOGY)

1ST AND 2ND ORDERS

PROCESSING AND PROPERTY INDEX

CSART I.
CA

11c

Some observations on the antibacterial action of sodium salicylate. G. Ivánovics, I. Csász, and F. Diezchusy. *Hung. Acta Physiol.* 1, 171-172 (1959); cf. C. I. 42, 4011a. Na salicylate in concns. of 0.01-0.0001 M considerably diminished the multiplication of *E. coli*. This effect could be antagonized by adding pantothenic acid and some amino acids even if the cells had already been exposed to Na salicylate action for some time. Na salicylate in concns. of 0.05 M or above gradually destroyed the bacteria in an irreversible manner. There was no sharp line between the modes of action of Na salicylate. The bacteriostatic action of Na salicylate is due to the inhibition of the synthesis of pantothenic acid in bacteria. István Finály

COMMON ELEMENTS

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CSADA, I. K.

Csada, I. K., "On the magnetic effects of turbulence in ionized gases. Budapest, Academia Scientiarum Hungaricae, 1951." p. 14. (Mitteilungen der Sternwarte der Ungarischen Akademie der Wissenschaften, Nr. 26)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

CSADA, I.K.

Csada, I.K. On the magnetic effects of turbulence in ionized gases.
Acta Phys. Acad. Sci. Hungar. 1, 235-246 (1952). (Russian summary)

The equations of hydromagnetics for an incompressible fluid are

$$(1) \quad \frac{\partial u_i}{\partial t} + \frac{\partial}{\partial x_j} u_i u_j - \frac{\mu}{4\pi\rho} \frac{\partial}{\partial x_j} H_i H_j = -\frac{1}{\rho} \frac{\partial}{\partial x_i} \left(p + \frac{\mu |H|^2}{8\pi} \right) + \nu \nabla^2 u_i$$

and

$$(2) \quad \frac{\partial H_i}{\partial t} + \frac{\partial}{\partial x_j} (H_i u_j - H_j u_i) = \eta \nabla^2 H_i \quad (\eta = 1/4\pi\sigma),$$

where μ and σ are the coefficients of magnetic permeability and electrical conductivity respectively and the rest of the symbols have their usual meanings. The author treats these equations in the manner in which the Stokes-Navier equation (i.e., eq. (1) with $H_i=0$) has been treated in the past for defining the Reynolds stresses. Thus, writing

$H_i = \bar{H}_i + \delta H_i$ and $u_i = \bar{u}_i + \delta u_i$ where \bar{H}_i and \bar{u}_i are the mean values and δH_i and δu_i are the instantaneous fluctuations, we find that the averaged form of equation (2) is

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$$(3) \quad \frac{\partial \bar{H}_1}{\partial t} + \frac{\partial}{\partial x_j} (\bar{H}_1 \bar{u}_j - \bar{H}_j \bar{u}_1) = \eta \nabla^2 \bar{H}_1 - \frac{\partial}{\partial x_j} (\overline{\delta H_1 \delta u_j} - \overline{\delta H_j \delta u_1}).$$

With the further assumptions

$$(4) \quad \delta H_1 = -l_k \frac{\partial \bar{H}_1}{\partial x_k} \quad \text{and} \quad l_j \delta u_j = -\Lambda \delta_{ij}$$

where l_k is a vector defining the process associated with the concept of the "mixing length" and $\Lambda (= |l| \cdot |u|)$ is a constant, equation (3) becomes

$$(5) \quad \frac{\partial \bar{H}_1}{\partial t} + \frac{\partial}{\partial x_j} (\bar{H}_1 \bar{u}_j - \bar{H}_j \bar{u}_1) = (\eta + \Lambda) \nabla^2 \bar{H}_1.$$

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The mean magnetic intensity therefore satisfies an equation of the same form as (2) but with a different η ; in other words we may define an "eddy-electrical conductivity" just as an eddy-viscosity has been defined in the "heuristic" theories of turbulence.

S.Chandrasekhar (Williams Bay, Wis.).

SO: Mathematical Review, Vol.

80387

SOV/169-59-3-3021

3.1540

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 3, pp 141 - 142 (USSR)

AUTHOR: Csada, I.K.

TITLE: On the Structure of the General Magnetic Field of the ¹²Sun

PERIODICAL: Solnechnyye dannyye, 1956 (1957), Nr 6, pp 140 - 144 (Engl.)

ABSTRACT: The author explains his theoretical results on the structure of the sun's general magnetic field. An attempt is made to verify these results by the magnetograms published by Babcock (Babkok). The introduction of the potential vector produces equations of the type

$$\Delta \chi - \frac{\chi}{r^2 \sin^2 \nu} = \frac{1}{P} Q(\chi),$$

for corresponding components of velocity and the magnetic field; P - parameter (viscosity, resistance); Q(χ) - linear operator. Taking into account the average electromagnetic parameters of the sun's surface, the author obtains for the vector-potential of the magnetic field the expression:

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On the Structure of the General Magnetic Field of the Sun

$$A \varphi = \frac{h_1 P_1^{(1)}}{r^2} + \frac{h_3 P_3^{(1)}}{r^4},$$

where $P_{(11)}$ and $P_{(13)}$ are adjuncted spherical functions. According to the author's investigations, the general magnetic field of the sun must comprise three systems of magnetic lines of force: the field of the dipole and of the equatorial region, perturbed by two systems of opposite-polarity fields near the poles. A possible explanation is given for such a structure of the sun's general magnetic field. The determination of the average, general magnetic field is carried out for verifying the theoretical results in view of Babcock's solar magnetograms. The planimetric processing of the registration of the field on the magnetogram for each track of 55 observation days facilitated the determination of the A and B coefficients in the expression for the field:

$$H_{\chi} = AP_2^{(1)} + BP_4^{(1)}$$

by the method of least squares. The mean values of the coefficients turned out to be $A = 0.028$ and $B = 0.155$ for the 1953/54 observation period.

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On the Structure of the General Magnetic Field of the Sun

Consequently, the sun's general magnetic field does not have a dipole, but an octupole character. The structure of the solar corona (the deviation of the polar rays from the direction of the lines of force of a central dipole) and the shapes of large prominences confirm the octupole character of the sun's general magnetic field.

E.I. Mogilevskiy

Card 3/3

CSADA, I.K.

A hydromagnetic discussion of the meridional drift of sunspots. Acta
phys Hung 11 no.4:317-322 '60. (IEAI 10:2)

1. Institute of Theoretical Physics, The University, Szeged.
Presented by K.F. Novobatzky.
(Sunspots)

Csada, Imre

The magnetohydrodynamic dynamo theory. Magy fiz folyoir 12 no.3:261-266
'64.

1. Astronomical Observatory, Hungarian Academy of Sciences.

L 44087-66

ACC NR:

AT6020490

SOURCE CODE: CZ/2514/65/000/051/0027/0031

AUTHOR: Csada, I. K.

30
B+1

ORG: Konkoly Observatory, Budapest

TITLE: General magnetic field of the sun derived from Babcock' s magnetograms

SOURCE: Ceskoslovenska akademie ved. Astronomicky ustav. Publikace, no. 51, 1965. 3rd Consultation on Solar Physics and Hydromagnetics, Tatranska Lomnica, 13-16 October 1964, 27-31

TOPIC TAGS: solar magnetic field, ~~magnetogram~~, photosphere, magnetic dipole, ~~Babcock magnetogram~~ *magnetometer*

ABSTRACT: On the basis of Babcock' s magnetograms, the author discusses close to 350 recordings of the general solar magnetic field made from January 1953 to December 1954. The time integral is replaced by the arithmetic mean as the temporal mean value is calculated. The material is arranged into intervals of the

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polar distance θ . The results are divided into terms which are and are not symmetrical to the equator, expressed by formulas and also given in figures in the original article. A model of the solar magnetic field is used in a theoretical discussion of the results. The actual observation is related to the poloidal and toroidal field components of the two-component system. The force lines of the toroidal field are situated below the photosphere; their fluctuating loops emerge above the photospheric level and are recorded as bipolar magnetic fluctuations. The results of calculations that also include limb darkening are given. The author concludes that the quadruple terms are very small and play no part in the solar magnetic field, the dipole terms are of considerable magnitude, and that there are field strengths only in the polar areas. In the discussion following the article it is said that the author's observations are not in contradiction to the hypothesis that the general magnetic field of the sun is the mean of the total field of many local fields in both solar hemispheres. Orig. art. has: 3 formulas and 1 table.

[GC]

SUB CODE: 03/ SUBM DATE: none/

Card

2/2 *gd*

CSADA, Irene; RAUSCH, Henrik

Determining the trace contaminants of uranium (VI)-oxide
by spectrophotometric methods. Koz fiz koz MTA 13 no.1:55-60
'65.

1. Submitted December 2, 1964.

L 46805-66

ACC NR: AT6020511 SOURCE CODE: CZ/2514/65/000/051/0133/0136

AUTHOR: Csada, I. K.

ORG: Konkoly Observatory, Budapest

TITLE: Magnetohydrodynamic discussion of the expanding corona

SOURCE: Ceskoslovenska akademie ved. Astronomicky ustav. Publikace, no. 51, 1965. 3rd Consultation on Solar Physics and Hydromagnetics, Tatranska Lomnica, 13-16 October 1964, 133-136

TOPIC TAGS: solar corona, coronal temperature, isophote, coronal isophote, solar magnetic field, magnetohydrodynamics

ABSTRACT: The author considers the connection between a supposed expansion of the coronal gases and their temperature as a proof of expanding motion, and discusses velocity distribution in terms of temperature distribution. No complete picture of the distribution of coronal temperature is possible because only separate measure-

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ments are available. The influence of density fluctuations which affect the isophotes is supposed to be very small, and an approximate analysis of coronal expansion in terms of coronal isophotes is possible. The author analyzes the velocity field on the assumption that the corona expansion is spherical; he considers two limiting cases and shows how the dipole varies with the expansion when the lines of force are right radial lines; and he discusses the plasma heating in the corona. The results obtained are then compared to Mr. Waldmeier's isophotes. Some similarity between the diagrams of the two authors and the coronal isophotes is found during minimum activity, but during maximum activity, there are well-defined deviations in the equatorial areas. The author concludes that in this phase, the loops of the toroidal lines play an essential role in the plasma-physics rate of coronal heating. In the discussion following the article, the author states that the boundary conditions for the system of magnetohydrodynamic equations considered are those applied in the whole magnetic theory. Orig. art. has: 4 figures. [GC]

SUB CODE: 03/ SUBM DATE: none/

Card 2/2

lib

CSADER, Sandor

"Foundations for our labor force management." Reviewed by Sandor Csader. Munka szemle 6 no.8:3 of cover Ag '62.

1. "Munkaugyi Szemle" szerkeszto bizottsagi tagja.

CSANER, Sandor

New tasks of local councils in manpower management. Munka
szemle 9 no.1:33-35 Ju '65.

CSAGOLY, E.

A new method of evaluation of catalytic protein waves; the correlation of the polarographic sulfhydryl activity of serum and the sensitivity against X-rays. In German. p. 335. (Acta Chimica, Vol. 9, No. 1/4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

RACZ, Istvan, dr.; PASTINSZKY, Istvan, dr.; ~~CSAGOLY, Istvan~~, vegyesszernok.

Studies on the action mechanism of glutamic acid in dermatotherapy. Orv. hetil. 98 no.5-6:96-97 10 Feb 57.

1. A Nephadsereg Egyszegulyi Szolgalatanak kozlemenye.
(ECZEMA, ther.
glutamic acid, mechanism of action (Hun))
(GLUTAMATES, ther. use
eczema, mechanism of action (Hun))

CSAGELY, E

TECHNOLOGY

Periodical YEARBOOK Budapest. 1956/57 (published 1958).

CSAGELY, E. Studies on the -SH and -S-S- contents of native sera in cases of tumors. p. 7.

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

CSAGOLY, E.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CSAGOLY, E. Investigations of the tricresyl-phosphate content of plasticizers. I. Estimation of cresols, especially of the o-isomer. p. 61.

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

CSAGOLY, E.

¹
~~Polarography in streaming solutions with screened mercury electrodes. Endre Csagoly (Országos Elektromos és Műszaki Kutatóintézet, Budapest, Hung.). *Munkáldok* 4, Nos. 4-6, 20-1(1958). In polarographic measurements with dropping Hg electrodes, the disturbances presented by the streaming soln. were eliminated with an oversize glass or plastic tube mounted on the capillary. The drops were shaded when the tube was pushed down with a velocity corresponding to that of the stream.~~

Francis J. Schmidt

July

CSAGOLY, Ferenc, dr.

High-pressure plastic tubes. Bany lap 94 no.3:186 Mr '61.

(Tubes) (Plastics)

CSAGOLY, Ferenc, dr.

Role of petroleum and natural gas among the energy carriers and their significance in the development of chemical industries. Energia es atom 14 no.11:475-485 N '61.

1. Orszagos Koolaj- es Foldgasipari Troszt.

CSAGOLY, F., dr.

Role of Siberia and the Soviet Far East in the production of petroleum
and natural gas. Bany lap 94 no.11:733 N '61.

CSAGOLY, F., dr.

Petroleum production of the world in the first half of 1961. Bany lap
94 no.12:860-861 D '61.

CSAGOLY, F., dr.

Survey of the Soviet petroleum production. Bany lap 94 no.11:774-778
N '61.

CSAGOLY, F.

The role of oil power in world commerce. Bany lap 95 no.4:275-
Ap '62.

CSAGOLY, F.

The 20-year plan of the production of Soviet power sources.
Bany lap 95 no.4:264 Ap '62.

CSAGOLY, F., dr.

Mineral oil production of the world in the first half of 1961.
Bany lap 94 no.12:860-861 D '61.

CSAGOLY, Ferenc, dr.

Productivity of human labor and the physical concept of energy.
Term tud kozl 7 no.1:12-14 Ja '63.

1. Orszagos Koolaj- es Gazipari Troszt, Budapest.