

1/1

RUMANIA

APREOTESEI, C., Pharmacist, Col, CRUCEANU, I., Pharmacist,
STEFANESCU, O., Pharmacist, Lt-Col, APOSTOLESCU, S., Pharmacist,
and VASILIAD, P., Pharmacist [affiliation not given]

"Experimental Data on the Standardized Reagents Used in Rapid
Biochemical Analyses."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66,
pp 309-323.

Abstract: The authors tested standardized pre-mixed reagents
used in biochemical analysis with regard to their sensitivity
and specificity, reliability of analytic responses, and be-
havior under field conditions. As a result of the tests, spe-
cific commercially available reagents are recommended for the
tests for albuminuria, glycosuria, hematuria, ketonuria and
biliary pigments.

Includes 12 tables and 7 references, of which 4 Rumanian
and 3 French. -- Manuscript submitted 27 November 1965.

1/1

CRUCEANU, M.; DIMA, M.

Synthetic zeolites. Pts. 2-3. Anal St Jassy I 10 no. 2; 207-222
'64.

1. Submitted May 28-31, 1964.

CRUCEANU, M.

Applications of nuclear magnetic resonance in chemistry.
Rev chimie Min petr 15 no. 5:276-279 My '64.

RAPPAPORT, I., ing.; CRUCEANU, S., ing.

Measuring drencher and sprinkler installations. Rev constr
si mat constr 16 no. 1: 40-47 Ja '64.

CRUCEANU, S., ing.

Some problems on the design of technical-sanitary installations
in schools. Rev constr si mat constr 16 no. 2:64-67 F '64.

GRUCEANU, V.

On the curve theory in the centroaffine parabolic space. Studii mat
Iasi 13 no.2:313-322 '62.

CRUCEANU, V.

On the infinitesimal transformations of a Riemann space, conserving the volume.
p. 181.

STUDII SI CONCEPTARI STIINTIFICE. MATEMATICA. Iasi. Rumania. Vol. 9, no. 2,
1958.

Monthly List of East European Accessions (BEAT) LC, Vol. 9, no. 1,
January 1960.

Uncl.

CRUCEANU, V.

Theory of surfaces in parabolic centroaffine space.
Studia mat Iasi 14 no. 2:331-341 '63.

CRUCEANU, YE.

S/070/60/005/03/002/008

AUTHORS: Cruceanu, Ye. and Chistyakov, Yu.D.
E132/E360
TITLE: Certain Peculiarities of the Structure of Crystals of Zinc Selenide 21

PERIODICAL: Kristallografiya, 1960, Vol. 5, No. 3, pp 364-368

TEXT: ZnSe was obtained by heating the elements in an evacuated quartz ampule at 1380 °C. Single crystals of this material were obtained by growth from the vapour phase in a current of hydrogen. X-ray photographs showed that they had the wurtzite structure. Growth defects were found leading to the local appearance of the sphalerite-type cubic structure. The ZnSe obtained by reacting the spectroscopically pure elements (Se 99.992% and Zn 99.9996%) nevertheless showed a red fluorescence in UV light (3650 Å). The powder initially obtained was heated at 950 °C in a current of H₂ (4 litres/h) and condensed in a cooler part of the muffle tube.

This purified material did not fluoresce. To grow crystals the method of Reynolds and Czizek was used. This had been applied by Hamilton (Brit. J. App. Phys., 1958, Vol. 9, No. 3) for growing ZnS, CdS and HgS. The use of H₂Se as a transporting gas was
Card 1/3 ✓


S/070/60/005/03/002/008

E132/E360

Certain Peculiarities of the Structure of Crystals of Zinc Selenide

precluded by its toxicity and H_2 was again used as a growing medium. The evaporating region was at 1100° , the crystallising region at 950° with a temperature gradient of $17^\circ/cm$. In one run about 20 small crystals were obtained. Some were in the form of hexagonal prisms or pyramids with more or less good faces. The remainder of the material grew as dendrites of lengths 5-6 mm and very small cross-section. Both Laue and Debye X-ray diffraction photographs were taken using an URS-70-type apparatus. Cu radiation filtered through Ni foil was used. No difference between the purified and the unpurified ZnSe was found in powder photographs. Lines corresponding to the sphalerite-type structure were sharp and those corresponding to the wurtzite type were very weak. Some lines overlap, for example 111 and 0002. The cell size of the hexagonal modification was found to be $a = 3.98$ and $c = 6.55 \text{ \AA}$. For the cubic form a was found to be 5.67 \AA . Single-crystal pictures were obtained with W-radiation in a KRON-2 camera. In a Laue photograph taken with the beam along the $[0001]$ axis there were some spots which did not conform to the hexagonal symmetry.

Card 2/3



S/070/60/005/03/002/008

E132/E360

Certain Peculiarities of the Structure of Crystals of Zinc Selenide

The hexagonal structure of ZnSe has not been definitely established before. The tendency to a disordered, mixed hexagonal and cubic structure seems quite strong. The cubic regions seem to exist as terraces on the basal planes of the hexagonal form. This dimorphism is common in the other compounds (Zn, Cd)(S, Se, Te). The particular structure which results depends on the method of preparation and on the temperature. Others (Hamilton, loc. cit.) applied the reaction $(\text{Na}_2\text{SO}_3)_2\text{Se} + \text{ZnSO}_4 + \text{H}_2\text{O} = \text{ZnSe} + 2\text{NaHSO}_4 + \text{Na}_2\text{SO}_3$ in an acid medium in which the ZnSe was precipitated in the cubic form. The purity may also influence the relative stability of the forms. Acknowledgments to Academician N.V. Belov. There are 2 figures and 18 references: 3 Soviet, 2 international, 1 Swiss, 3 German, 1 Spanish and 8 English.

ASSOCIATION: Krasnoyarskiy institut tsvetnykh metallov im.
M.I. Kalinina (Krasnoyarsk Institute for Non-
ferrous Metals im. M.I. Kalinin)

SUBMITTED: November 24, 1959
Card 3/3

CRUCERU, C.

Methods of testing enamel electric conductors. p.41. (ELECTROTEHNICA, Bucuresti, Vol.1, No. 1/2, Jan./Feb. 1953)

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

(2)

R/005/62/000/003/004/006
D014/D105

2

AUTHOR: Criceru, C., Engineer

TITLE: Coaxial cables, their calculation, production and application

PERIODICAL: Telecomunicatii, no. 3, 1962, 121-126

TEXT: The article presents the formulas for the primary and secondary parameters of coaxial cables, including those for resistance, inductance, capacitance, conductance, attenuation constant, phase constant, characteristic impedance, and propagation velocity. The author then describes the structural characteristics of the central and outer conductor and the protection sheath, insulation methods and the optimum ratio of the diameters of the conductors. The lists the main types of coaxial cables used in modern engineering and compares the characteristics of some coaxial cables made in the USSR, GDR, USA, England and France. Emphasizing the advantages of coaxial cables, the author recommends their use and particularly their production in Rumania. There are 18 figures and 6 tables.

✓c

S. J. R.
Card 1/1

L 34495-66 EWP(j) IJP(c) RM

ACC NR: AF6024795

SOURCE CODE: RU/0005/65/000/007/0278/0279

AUTHOR: Cruceru, Constantin (Engineer)

39

ORG: none

R

TITLE: Experimental coaxial conductor for television aeriads

SOURCE: Telecomunicatii, no. 7, 1965, 278-279

TOPIC TAGS: TV antenna, coaxial cable, conductor, plastic, electric insulator

ABSTRACT: A brief description of the design and construction of a coaxial conductor for television antennae which has been produced experimentally at the Cable and Electroinsulating Materials Plant. The cable uses plastic insulation. Orig. art. has: 2 figures and 4 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 17, 09 / SUBM DATE: none

Cord 1/1 11/85

UDC: 621.315.212

0912

26 31

GRUCERU, C., ing.

Technical progress in the telecommunication cable industry of
Rumania. Telecommunicatii 6 no.4:177-183 JI-Ag '62.

CRUCERU, Constantin (Bucuresti)

Insulation and protection of electric cables and conductors by thermoplastic and synthetic rubbers. Electrotehnica II no.10:376-383 0'63.

1. Inginer sef la Fabrica de cabluri si materiale electroizolante din Bucuresti.

GRUCERU, Constantin, ing. (Bucuresti)

New trends in manufacturing power cables and conductors. Electrotehnica
11 no.3:102-108 Mr '63.

1. Ing. sef la Fabrica de cabluri si materiale electroizolante,
Bucuresti.

CRUCERU, Constantin, ing.

Constructive and technological considerations on twisting
urban telephone cables. Telecomunicatii 8 no.1:38-43
Ja-8'64.

RUMANIA

CRUCERU, C., Dr. Lt-Col, GRIGORESCU, V., Dr. Maj, and RADU, St.,
Dr, Lt-Maj [affiliation not given]

"Considerations on Acute Intoxications with Carbon Oxide Treated
at the Constanta Military Hospital During 1960 to 1965."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 709-714.

Abstract: After discussing some background information regard-
ing carbon monoxide poisoning, the authors discuss 34 cases
treated by them. Of these, 30 were light cases due to im-
proper functioning of coal stoves in a dormitory, and the other
four were individual serious cases, of which one was fatal.

Includes 11 references, of which 6 Rumanian, 2 Russian and
3 French. -- Manuscript submitted 3 September 1965.

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- 60 -

POPA, Gr.; BAIULESCU, Gh.; CRUCERU, D.; LERCH, R.

Gravimetric determination of Zr (IV) with flavazine L. Studii
cerc chim 9 no.4:625-628 '61.

1. Universitatea "C.I.Parhon", Facultatea de chimie, Laboratorul
de chimie analitica, Bucuresti.

L 33041-66

ACC NR: AP6021214

SOURCE CODE: RU/0007/65/016/009/0472/0476

AUTHOR: Cruceru, I.--Krucheru, I. (Engineer)

17
B

ORG: none

TITLE: Concerning Rumanian-made electric cables for drilling and extraction installations in the oil industry

SOURCE: Petrol si gaze, v. 16, no. 9, 1965, 472-476

T:PIC TAGS: electric cable, petroleum industry

ABSTRACT: The author describes some types of Rumanian electrical cables for the oil industry and analyzes the latest trends in the design and production of cables meeting world-wide technological requirements and having high operating parameters. Methods of detecting possible defects in such cables are also presented, and some suggestions are given to oil-industry personnel to assure the use of high-quality cables. Orig. art. has: 7 figures, 8 formulas and 4 tables. [Based on author's Eng. abstract] [JPRS]

SUB CODE: 09, 05 / SUBM DATE: none / ORIG REF: 004 / SOV REF: 001
OTH REF: 009

Card 1/2

UDC: 622.242.-83:621.315.2

0915

1866

GRUDU, Ion M., ing.

Machine for research on punctiform wear adapted also to
the study of friction and wear in axial ball bearings.
Constr mas 15 no.7:520-522 JI'63.

1. Institutul politehnic, Iasi.

KOVACS, Fr.; FERJU, Dan; CRUDU, Mihai; MULLER, Alex.

On some correlations between the tolerances of spur gear
wheels with straight teeth. Bul St si Tehn Tim 9 no.2:
409-418 J1-D '64.

WIACKOWSKI, S.K.; WIACKOWSKA, L.; CRUMPACKER, J.; KOT, J.

Biological control of the plum moth *Laspeyresia funebrana* Tr.
(Lep. Tortricidae) utilizing the egg parasite *Trichogramma*
cacoeciae March (Hym. Trichogrammatidae). Pt. 2. Roczn.
nauk poln rosl 87 no.3:545-557 '63.

GRUPENSCHE, C., ing.

in the glass industry. Constr Buc 16 no.768:2 26 Sep '64

CRUCITA, I.; POPOTICI, M.

Prestressed-concrete purlins for roofs of industrial buildings. p. 172.

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Rumania. Vol. 11, no. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI) ^{vol 8} LC, no. 8, Aug. 1959

Uncl.

CRUPENESCHI, L.

15

New glasses for electric vacuum bulbs used in the Romanian Popular Republic. C. Crupenschi and Gh. Macrin. *Ind. uzorã* (Bucharest) 3, 171-6 (1958).--In the new formulas the alk. oxides are reduced, and the CaO or MgO content is increased in order to obtain better chem. resistance, a lower crystn. velocity, and less variation in viscosity. The expensive PbO is used to a lesser extent. A typical glass contains SiO₂ 63.1; Al₂O₃ 6.3; Na₂O 7.8; K₂O 3.5; PbO 20.2; CaO 0.9%. Such a glass has a softening temp. at 580-600°, an annealing temp. at 400-430°, a working range between 950-1000°, a d. of 3.20, and an expansion coeff. of 86×10^{-7} . Of the required raw materials, sand, Na₂CO₃, dolomite, calcined Na₂SO₄, and Na₂CO₃ are available from native sources; only the saltpeter must be imported.

François Kerckel

4

no. 2

Crupenschi, C

Country : Rumania H-13
Category :
Abs. Jour. : 46572
Author : Crupenschi, C.
Institut. :
Title : Mechanization of the Production of Electro-
technical Glass for Vacuum Bulbs.
Orig Pub. : Ind. usoara, 1958, 5, No 6, 217-223

Abstract : Comparative data are presented for manual and
mechanized manufacturing procedures of producing articles of
electric equipment comprising evacuated glass envelopes. The
advances made in this field in Rumania are noted.
According to author's summary.

Card:

CRUPENSCHI, G., ing.

Mechanization of operations, increased productivity. Constr
Buc 16 no. 771:2 17 0 '64.

CRUPENSKI, C., ing.

In the glass industry. Constr Bue 17 no.784:2
16 Ja '65.

1. D.G.I.S., Ministry of the Construction Industry.

CHRUSCIEL, Tadeusz, doc. dr; SAMOCHOWIEC, Leonidas; STEFFEN, Jadwiga;
SZAFIARSKI, Jerzy, prof. dr

Tentative treatment of experimental toxoplasmosis in mice.
Pt.4. Acta parasit Pol 12 no.1/12:89-92 '64.

1. Head, Department of Pharmacology, Silesian Medical School, Zabrze (for Chrusciel).
2. Department of Pharmacology, Silesian Medical School, Zabrze (for Samochowiec).
3. Department of Medical Microbiology, Silesian Medical School, Zabrze (for Steffen).
4. Head, Department of Medical Microbiology, Silesian Medical School, Zabrze (for Szafiariski).

CHRUSCIEL, Tadeusz, L.

The adrenergic receptor. Acta physiol. Pol. 15 no.4: suppl.:
55-72 '64

L. Katedra i Zakład Farmakologii Śląskiej Akademii Medycznej
w Zabrze (Kierownik: doc. dr. T.L.Chrusciel).

CRUSOS, G., ing.; BOERIU, I., inginer sef; ROSSIN, Eugen; BACANU, Maria, ing.
sef; CALIN, Liviu, ing.

Advanced technology and increase of labor productivity. Probleme econ
17 no.2:151-152 F '64.

1. Director, Fabrica Unirea, Iasi (for Crusos).
2. Fabrica Unirea, Iasi (for Boeriu).
3. Director, Intreprinderile pentru Industria de Bumbac, Bucuresti (for Rossin).
4. Director, Tesatoria Suveica, Bucuresti (for Bacanu).
5. Tesatoria Suveica, Bucuresti (for Calin).

GRVCANIN, Milos, inz., vanredni profesor za predmete "Zeljeznice II"
i "Gradski saobraćaj" (Matije Gubca 14, Sarajevo)

Rectangular or circular street crossings? Publ Teh fak
Sarajevo 4 no. 2:61-67 '61.

1. Faculty of Civil Engineering, University of Sarajevo,
Member of the Board of Editors, "Publikacije Tehnickog
fakulteta u Sarajevu".

PAUNESCU, C., prof.; POPESCU, P., dr.; MIHAIL, A., dr.; STOICA, I., dr.;
CRUTESCU, M., dr.

Anatomo-clinical considerations on 8 cases of dissecting
aneurysm of the aorta. Med. intern. 16 no.2:205-214 F'64.

1. Inscrare efectuata in Clinica medicala a Spitalului "Coltea",
I.M.F., Bucuresti.

*

GRVCANIN, Milos M., prof., inz.

Single-rail railroads. Zeleznice Jug 18 no.1/2:37-43 '62.

CRVCANIN, Milos, inz.; JANACEK, Emil, inz.; SUBOTIC, Uglesa, inz.;
BOSNIC, Petar, inz.; VELJKOVIC, Branko, inz.

Preposal for changing the drain profiles at the construction
of new railways, Zeleznice Jug 19 no.8:38-40 Ag '63.

1. Clanovi Katedra za saobracaj Gradevinskog fakulteta
Univerziteta u Sarajevu.

CRVCANIN, Milos, inz.; JANACEK, Emil, inz.; SUBOTIC, Ugljesa,
inz.; BOSNIC, Petar, inz.; VELJKOVIC, Branko;

A proposal for changing the profile of excavations in
building new railways. Tehnika Jug 18 no. 12: Supplement:
Graevinarstvo 17 no. 12: 2226-2227 D '63

1. Clanovi Katedre za saobracaj Gradevinskog fakulteta
Univerzitetu u Sarajevu.

GRVENCIC, N.

"Systematic Influence on the Results in Production" by Vukan Desic.
Reviewed by N. Grvencic. Produktivnost 3 no.6:447-448 Je '61.

GRZECHOWSKI, Jerzy

Stresses and their distribution in the ground. Endown ladowe Poznan
no.3s113-191 '63.

1. Department of Soil Mechanics of the Technical University, Poznan.

CRZELEWSKI, L.; CIBOROWSKI, S.,

"A Static Method of Investigation of the Activity of Catalysts," Przemysł Chemiczny,
No. 8, 1957, p. 449.

CRZYBOWSKA, J.

POLAND / Organic Chemistry. Natural Substances and G
their Synthetic Analogues.

Abs Jour: Ref Zhur-Khimiya, No 20, 1958, 67682.

Author : Jerzmanowska Z., Crzybowska J.
Inst : Not given.
Title : Flavonoids from Flowers of the Helichrysum Aren-
arium.

Orig Pub: Acta polon. phamac., 1958, 15, No 1, 13-14.

Abstract: The information pertaining to the flavodines
found in flowers of the Helichrysum arenarium
were verified and expanded. "Glycoside A" (I)
with a melting point of 152-154° (anhydrous),
[α]^{22D}-125° (with 1, alcohol). It may be repre-
sented by an empirical formula C₂₁H₂₂O₁₀·2H₂O.
It is considered a salipurposide [sic], i.e. a 5-
- β -D-glycoside of naringenin. An acetate of I

Card 1/2

57

CSABA, ANGYI

HUNGARY/Farm Animals - Domestic Fowl.

Q-7

Abs Jour : Ref Zsur - Biol., No 1, 1958, 2647

Author : Angy Csaba

Inst :

Title : Economic Characteristics of the Body Structure of Hungarian Local and Imported Breeds of Chickens.

Orig Pub : Magyar tud. akad. agrartud. oszt. kozi, 1956, 10, No 1-4, 195-202

Abstract : The indigenous breeds of Hungarian chickens are highly valued both on domestic and foreign markets because of the high quality and the aroma of their flesh. These chickens are cross-bred with imported breeds such as: the Leghorns (L), Rhode Island Reds (RA) and Plymouth Rock (P). The pronounced pliability of the local breeds is due to their heterogeneous properties, and permits to produce in a short time some very valuable breeds. In an effort to compare the White Hungarian, the Yellow Hungarian, and the Hemp

Card 1/2

L 13513-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6007051

SOURCE CODE: HU/0018/65/017/003/0322/0325

AUTHOR: Szilagyi, Tibor--Siladi, T.; Csaba, Bela--Chaba, B.; Miltenyi, Laszlo--
Milteni, L.; Kassai, Laszlo--Kashshai, L.

ORG: Medical University of Debrecen, Institute of Pathophysiology (Debreceni
Orvostudományi Egyetem, Korelettani Intézet)

TITLE: Hypothermia and horse serum anaphylaxis, 445

SOURCE: Kiserletes orvostudomány, v. 17, no. 3, 1965, 322-325

TOPIC TAGS: experiment animal, hypothermia, blood serum, animal physiology,
pathology

ABSTRACT: Guinea pigs were sensitized with horse serum and different serum
fractions were injected to induce shock. It was found that beta-globulin has
the most pronounced anaphylactogenic effect. It was also shown that in the
hypothermic state guinea pigs sensitized with horse serum become desensitized to
the serum fractions with a weak anaphylactogenic effect but not to those with
a strong one. Orig. art. has: 1 figure and 2 tables. [JFES]

SUB CODE: 06 / SUBM DATE: 15Aug64 / ORIG REF: 004 / OTH REF: 001

Card 1/1

AK

2

3A
B

KESZTYUS, L.; CHABA, B.; CSKRYANSZKY, H.; KOCSAR, L.

Effect of sevelal on guinea pig anaphylaxis. Acta physiol. hung. 14
no.2:167-175 1958.

1. Pathophysiologisches Institut der Medizinischen Universitat, Debrecen.
(PHENOBARBITAL, eff.
on active anaphylaxis in guinea pigs (Ger))
(ALLERGY, exper.
eff. of phenobarbital on active anaphylaxis in guinea pigs
(Ger))

KESZTYUS, L.; SMIAGYI, T.; CSABA, B.; CSERNYANSZKY, H.

Effect of hypothermia on passive anaphylaxis of guinea pigs. Acta
physiol. hung. 14 no.2:177-186 1958.

1. Pathophysiologisches Institut der Medizinischen Universität,
Debrecen.

(HYPOTHERMIA, eff.

on passive anaphylaxis in guinea pigs (Ger))

(ALLERGY, exper.

eff. of hypothermia on passive anaphylaxis in guinea pigs
(Ger))

KESZTYUS, L.; SZILAGYI, T.; CSABA, B.; CSERNYANSZKY, H.; KAVAI, M.

Effect of chlorpromazine on passive anaphylaxis of guinea pigs. Acta
physiol. hung. 14 no.2:187-194 1958.

1. Pathophysiologisches Institut der Medizinischen Universität,
Debrecen.

(CHLORPROMAZINE, eff.

on passive anaphylaxis in guinea pigs (Ger))

(ALLERGY, exper.

eff. of chlorpromazine on passive anaphylaxis in guinea pigs
(Ger))

SZILAGYI, Tibor; KOVÉR, Andras; CSABA, Bela

Effect of hypothermia on histamine liberation under the influence of adrenalin. Kiserletes Orvostudomány 12 no.1:26-29 P '60.

1. Debreceni Orvostudományi Egyetem Korelettani es Klettani Intezetel.

(HISTAMINE physiol)
(HYPOTHERMIA INDUCED eff)
(EPINEPHRINE pharmacol)

CSABA, Bela; SZILAGYI, Tibor; HAVAI, Maria; SZATAI, Imre; TOTH, Ferenc

Effect of roentgen rays on anaphylactic shock in guinea pigs.
Kiserletes orvostud. 13 no.3:274-281 Je '61.

1. Debreceni Orvostudományi Egyetem Kórolettani Intézete és az
I. sz. Sebészeti Klinika Röntgen Osztálya.

(ALLERGY exper) (RADIATION EFFECTS exper)

SZILAGI, Tibor; CSERNYANSZKY, Hedvig; CSERNYANSZKY, Ivan; SZABO, Endre
CSABA, Bela

Effect of hypothermia on adrenalin-chloroform syncope. Kiserletes
orvostud. 13 no.3:310-3115 Je '61.

1. Debreceni Orvostudományi Egyetem Korelettani Intezete.

(BODY TEMPERATURE) (EPINEPHRINE pharmacol)
(SYNCOPE exper) (CHLOROFORM pharmacol)

SZILAGYI, Tibor; CSABA, Bela; DAMJANOVICH, Sandor; KESZTYUS, Lorand

Effect of hypothermia on the blood histamine level. Kiserletes
orvostud. 13 no.3:320-323 Je '61.

.. Debreceni Orvostudományi Egyetem Korelettani Intezete.

(BODY TEMPERATURE) (HISTAMINE blood)

SZILAGYI, Tibor; CSAIBA, Bela; SZABO, Endre

Effect of hypothermia on edema produced with dextran and egg albumin. Kiserletes orvostud. 13 no.4:357-360 Ag '61.

1. Debreceni Orvostudományi Egyetem Korelettani Intezete.

(ALLERGY exper) (BODY TEMPERATURE)
(DEXTRAN toxicol) (EGG WHITE toxicol)

CSABA, B.; SZILAGYI, T.; KAVAI, Maria; SZATAI, I.; TOTH, F.

The effect of x-rays on anaphylaxis in the guinea pig. Acta
physiol. hung. 20 no.1:61-69 '61.

1. Institute of Pathophysiology, and Section of Radiology of the
Department of Surgery No.1, Medical University, Debrecen.
(ALLERGY exper) (RADIATION INJURY exper)

SZILAGYI, T.; CSABA, B.

Hypothermia and desensitization. Acta Physiol. Acad. Sci. Hung. 20
no.2:135-139 '61.

1. Institute of Pathophysiology, Medical University, Debrecen.

(BODY TEMPERATURE) (ALLERGY exper)

SZILAGYI, Tibor; CSABA, Bela; DAMJANOVICH, Sandor; KESZTYUS, Lorand

Effect of hypothermia on the histamine level of blood plasma. Acta
physiol Hung 20 no.2:141-144 '61.

1. Institute of Pathophysiology, Medical University, Debrecen.
2. Editorial Board Member, "Acta Physiological Academiae Scientiarum
Hungaricae" (for Kesztyus).

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SZILAGYI, T.; CSABA, B.; DAMJANOVICH, S.; KESZTYUS, L.

Effect of hypothermia on the histamine level of blood plasma. Acta
Physiol. Acad. Sci. Hung. 20 no.2:141-144 '61.

1. Institute of Pathophysiology, Medical University, Debrecen.

(BODY TEMPERATURE) (HISTAMINE blood)

SZILAGYI, N.; CSABA, B.; SZABO, E.

Effect of hypothermia on the dextran and egg-white oedema. Acta
Physiol. Acad. Sci. Hung. 20 no.2:145-148 '61.

1. Institute of Pathophysiology, Medical University, Debrecen.

(BODY TEMPERATURE) (ALLERGY exper)
DEKTRAN toxicol)

SZILAGYI, Tibor; CSERNYANSZKY, Hedvig; CSERNYANSZKY, Ivan; SZABO, Endre,
CSABA, Bela.

Effect of hypothermia on the adrenaline-chloroform syncope. Acta
physiol Hung 20 no.2:149-153 '61.

1. Institute of Pathophysiology, Medical University, Debrecen.

+

~~CSABA, Bela;~~ BERINGSZASZI, Gyula; KOVER, Andras; CSONGOR, Jozsef; SZILAGYI, Tiber

The histamine content of guinea pig ileum in Schultz-Dale reaction.
Acta physiol Hung 20 no.2:165-170 '61.

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

+

SZABO, E.; CSONGOR, J.; CSABA, B.; KOCSAR, L.; KESZTYUS, L.

Distribution of coli-endotoxin in the rabbit organism in Shwartzman's reaction. Acta microbiol. acad. sci. hung. 8 no.3:275-280 '61.

1. Pathophysiologisches Institut der Medizinischen Universität, Debrecen.
(ALLERGY exper) (ESCHERICHIA COLI)
(TOXINS AND ANTITOXINS)

[HUNGARY]

KISS, Antonia, CSABA, Bela, DAMJANOVICH, Sandor, VERESS, Olivia, SZILAGYI, Tibor; Institute of Pathophysiology, Medical University, Debrecen (Orvostudományi Egyetem Korelettani Intézete, Debrecen).

"Diabetes and Anaphylaxis."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 3, 1963, pages 275-279.

Abstract:[English article; Authors' English summary] Diabetes does not prevent the development of anaphylactic shock in the dog and does not inhibit the increase of the histamine level in the plasma. Hyperglycemia, induced by the administration of glucose, has no influence on the lethal anaphylactic shock of the guinea pig and the anaphylactic symptoms are not aggravated by insulin treatment. On the other hand, the Jancso reaction appears to be less intense in diabetic rats. 1 Hungarian, 12 Western references.

[1/1

HUNGARY

OSABA, Bela, SZILAGYI, Tibor, KOVÉR, Andras, CSOMBOR, Jozsef; Medical University of Debrecen, Institute of Physiology and Pathophysiology (Debreceni Orvostudományi Egyetem, Elettani és Morfolettani Intézet).

"Data on the Action Mechanism of 48/80."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 457-464.

Abstract: [Authors' Hungarian summary modified] The effect of 48/80 has been investigated in various animals and some data obtained on its mechanism of action. On frog heart, 48/80 is ineffective by itself but adheres firmly to the acetylcholine receptors. The decrease of acetylcholine sensitivity after pre-treatment with 48/80 can be explained by this property. If 48/80 is given after the acetylcholine, the effect of the latter ceases promptly. On the intestines of rabbits, 48/80 has an effect similar to acetylcholine. There is a competitive inhibition between the effect of 48/80 and acetylcholine. Previous treatment with hexamethonium bromide or atropine inhibits the effect of both compounds. Guinea pig ileum, with added 48/80, exhibits an increased motor activity. The Schulz-Dale reaction of the passively sensitized intestine is not influenced by an incubation with 48/80. In dogs, i.v. infusion of 48/80 causes a severe drop of blood pressure which is caused by the liberated histamine that enters the blood stream. 2 Hungarian, 20 Western references.

1/1

HUNGARY

CSABA, Bela, SZILAGYI, Tibor, DAMJANOVICH, Sandor, KOVER, Andras; Medical University of Debrecen, Institute of Pathophysiology and Physiology (Debreceni Orvostudományi Egyetem Korelettani és Élettani Intézete).

"The Role of Histamine in the Anaphylactic Shock of Dogs."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 465-470.

Abstract: [Authors' German summary] It has been determined that the anaphylactic shock of dogs is caused mainly by the histamine liberated from the liver that enters the blood stream. During anaphylactic shock, the histamine level of the plasma is several-fold that of the controls. No anaphylactic shock develops and no significant rise in the histamine level of the plasma is observed if the liver is taken out of the blood circulation. 1 Hungarian, 19 Western references.

1/1

HUNGARY

CSABA, Bela, SZILAGYI, Tibor, DAMJANOVICH, Sandor, KOVER, Andras; Medical University of Debrecen, Institute of Pathophysiology and Physiology (Debreceni Orvostudományi Egyetem, Korelettani és Mlettani Intezet).

"The Effect of 48/80 on the Anaphylactic and Peptone Shock of Dogs."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 478-484.

Abstract: [Authors' Hungarian summary] It has been determined that i.v. infusion of 48/80 causes the liberation of large amounts of histamine which enters the blood stream and results in a severe drop of blood pressure in dogs. If 48/80 is administered before anaphylactic shock, the development of the latter was greatly inhibited since the antigen-antibody reaction could not in all cases effect a further liberation of histamine. Similarly, if 48/80 is administered after the anaphylactic shock, further histamine liberation was not observed in every case. If administered after 48/80, peptone raised the plasma histamine level in every case. The increase in the plasma histamine level after 48/80 administration was more pronounced when the liver was excluded from the blood circulation than when normal liver function was present. The mechanism of histamine liberation is discussed in the light of these experimental results. 1 Hungarian, 4 Western references.

1/1

HUNGARY

CSABA, Bela, SZILAGYI, Tibor, DAMJANOVICH, Sandor, KOVER, Andras; Medical University of Debrecen, Institute of Pathophysiology and Physiology (Debreceni Orvostudományi Egyetem, Korelettani és Élettani Intézet).

"The Effect of Hypothermy on the Anaphylactic and Peptone Shock of Dogs."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 485-491.

Abstract: [Authors' German summary] It has been determined that anaphylactic shock and the following liberation of histamine are inhibited by deep hypothermy. Chlorpromazine has no inhibitory effect on the anaphylaxis of dogs. The peptone shock and the effects of 48/80 are not influenced by the hypothermic state, neither is the quantity of liberated histamine under these conditions. During peptone shock of hypothermic dogs, the histamine content of the liver decreases and that of the plasma increases significantly. 6 Hungarian, 11 Western references.

HUNGARY

CSABA, Bela, SZILAGYI, Tibor, DAMJANOVICH, Sandor, KOVER, Andras; Medical University of Debrecen, Institutes of Pathophysiology and Physiology (Debreceni Orvostudományi Egyetem, Korelettani és Eletteni Intézetek).

"Anaphylactic Shock and Peptone Shock in the Dog, II. The Role of Histamine in Peptone Shock."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 4, 1963, pages 371-378.

Abstract: [English article, authors' English summary] It has been shown that large amounts of histamine are liberated and enter the blood stream during peptone shock in dogs. The quantities of liberated histamine in the plasma amount to 46-800-times the control values. The histamine content of the liver is significantly decreased after peptone shock. It is likely that peptone releases histamine from the mast cells of the liver and other tissues, because histamine liberation can be demonstrated also if the liver has been eliminated from the circulation. Repeated administration of peptone after the first injection causes no substantial changes either in blood pressure or in the plasma histamine level. After peptone shock, it is still possible to elicit anaphylactic shock in dogs sensitized with horse serum. Peptone is believed to exert its shock effect not as a capillary poison, but through histamine liberation. 1 Hungarian, 16 Western references.

1/1

10

HUNGARY

CSABA, Bela, SZILAGYI, Tibor, DAMJANOVICH, Sandor, KOVER, Andras; Medical University of Debrecen, Institutes of Pathophysiology and Physiology (Debreceni Orvostudományi Egyetem, Korelettani és Elettani Intézetei).

"Anaphylactic Shock and Peptone Shock in the Dog, IV. The Effect of Hypothermia on Anaphylactic Shock and Peptone Shock."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 4, 1963, pages 387-395.

Abstract: [English article, authors' English summary] The effect of hypothermia on anaphylactic shock and peptone shock, as well as on histamine liberation caused by antigen, peptone and compound 48/80, has been studied in the dog. Deep hypothermia has been found to inhibit the release of histamine and the anaphylactic shock. Chlorpromazine has no effect on anaphylactic Hypothermia afforded no protection against peptone shock and the effect of compound 48/80, and had no influence on histamine liberation. During peptone shock in hypothermic dogs the liver histamine content decreased and the plasma histamine level significantly increased, just as in normothermic animals. After injection of compound 48/80, the increase of the plasma histamine was of the same order during hypothermia as in normothermic animals. In the light of the evidence obtained, the mechanism of histamine liberation in the dog has been discussed. 11 Western, 6 Hungarian references.

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HUNGARY

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 4, 1963, pages 397-405.

ments is significantly more than in the control segments. Dogs anaesthetized with chloralose respond to the intravenous administration of 1 mg/kg of 48/80 with a considerable fall of blood pressure. This hypotension is produced by the histamine released in large quantities by 48/80 and entering the blood stream. 2 Hungarian, 20 Western references.

2/2

CSABA, Bela; SZILAGYI, Tiber; KOVER, Andras; CSONGOR, Jozsef

Data on the mechanism of action of 48/80. Kiserl. orvostud.
15 no. 5:457-464, 0 '63.

1. Debreceni Orvostudományi Egyetem Korelettani és Elettani
Intézete.

(SYMPATHOMIMETICS) (BLOOD PRESSURE DETERMINATION)
(HISTAMINE LIBERATION) (ACETYLCHOLINE)
(HYPOTENSION, CONTROLLED)

CSABA, Bela; SZILAGYI, Tibor; DAMJANOVICH, Sandor; KOVER, Andras

The role of histamine in anaphylactic shock in the dog. Kiserl.
orvostud. 15 no.5:465-470 0 '63.

1. Lebraceni (Orvostudományi Egyetem Kóreltani és Élettani
Intézete,

(ANAPHYLAXIS) (HISTAMINE LIBERATION)
(LIVER FUNCTION) (BLOOD CHEMICAL ANALYSIS)
(LUNG) (HYPOTENSION, CONTROLLED)

CSABA, Bela; SZILAGYI, Tibor; DAMJANOVICH, Sandor; KOVER, Andras

The role of histamine in peptone shock in the dog. Kiserl.
orvostud. 15 no.5:471-477 O '63.

1. Debreceni Orvostudományi Egyetem Kísérleti és Elettani
Intézete.

(SHOCK, TOXIC) (PEPTONES)
(HISTAMINE LIBERATION)
(BLOOD CHEMICAL ANALYSIS)
(LIVER FUNCTION TESTS)
(BLOOD PRESSURE DETERMINATION)
(ANAPHYLAXIS) (HYPOTENSION, CONTROLLED)

CSABA, Bela; SZILAGYI, Tibor; DAMJANOVICH, Sandor; KOVER, Andras

Effect of 48/80 on anaphylactic and peptone shock in the dog. Kiserl. orvostud. 15 no.5:478-484 0 '63.

1. Debreceni Orvostudományi Egyetem Korelettani és Elettani Intézete.

(HISTAMIN LIBERATION) (ANAPHYLAXIS)
(SHOCK, TOXIC) (PEPTONES)
(ANTIGEN-ANTIBODY REACTIONS)
(BLOOD CHEMICAL ANALYSIS)
(LIVER FUNCTION TESTS)
(ANTIHYPERTENSIVE AGENTS)
(SYMPATHOMIMETICS)
(HYPOTENSION, CONTROLLED)

CSABA, Bela; SZILAGYI, Titor; DAMJANOVICH, Sandor; KOVER, Andras

Effect of hypothermia on anaphylactic and peptone shock in the dog. Kiserl. orvostud. 15 no.5:485-491 0 '63.

1. Debreceni Orvostudományi Egyetem Korelettani es Eletteni Intezete,

(HYPOTHERMIA, INDUCED) (ANAPHYLAXIS)
(SHOCK, TOXIC) (PEPTONES)
(CHLORPRIMAZINE) (HISTAMINE LIBERATION)

CSABA, B.; SZILAGYI, T.; DAMJANOVICH, S.; KOVER, A.

Anaphylactic shock and peptone shock in the dog. II. The role of histamine in peptone shock. Acta physiol. acad. sci. hung. 23 no.4:371-378 '63.

1. Institute of Pathophysiology and institute of Physiology, Medical University, Debrecen.

(ANAPHYLAXIS) (PEPTONES) (HISTAMINE LIBERATION)
(LIVER CIRCULATION) (BLOOD PRESSURE)
(HISTAMINE) (SURGERY, OPERATIVE) (TISSUE CULTURE)
(HEPATIC ARTERY) (LUNG) (IMMUNE SERUM)

KOCSIS, Janos (Budapest, XI., Egry Jozsef u.18-20); CSAKI, Frigyes, prof.,
dr. (Budapest, XI., Egry Jozsef u.18-20)

Method for calculating sampled-data control systems. Periodica
polytechn electr 8 no.4:295-304 '64.

1. Chair of Automation of the Budapest Technical University.
Submitted March 23, 1964.

HUNGARY

CSABA, Bela, KASSAY, Laszlo; Medical University of Debrecen, Institute of Pathophysiology (Debreceni Orvostudományi Egyetem, Korelettani Intézet).

"Effect of Cortisone on Anaphylactic Shock in the Guinea Pig."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXX, No 1, 1966, pages 91-97.

Abstract: [English article, authors' English summary modified] Cortisone was found to decrease the severity of anaphylactic shock only in weakly sensitized animals or if the antigen was inhaled at low concentrations. Protection against lethal sensitization, either active or passive, is not afforded even by prolonged treatment with cortisone. Cortisone treatment resulted in a decrease in the sensitivity of the guinea pig ileum to histamine, in in-vitro experiments, and the Schultz-Dale reaction was also weakened. Complete inhibition required such high doses that cannot be considered in human therapy. The reduction of anaphylactic symptoms, in the guinea pig, by cortisone is presumably due to its antihistaminic action. 1 Hungarian, 17 Western references. [Manuscript received 5 Mar 65.]

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- 54 -

HUNGARY

ZSIGMOND, Klara, NAGY, Laszlo, KAPUSZ, Nandor, BEKESI, Istvan, CSONGOR, Jozsef, CSABA, Bela; Medical University of Debrecen, Institutes of Forensic Medicine, Pharmacology and Pathophysiology (Debreceni Orvostudományi Egyetem, Igazságügyi Orvostani, Gyógyszertani és Korelettani Intézet).

"Study of the Distribution and Excretional Relations of 5-Ethyl-5-Isoamyl-Barbiturate-6- 14 C (Dorlotyn)."

Budapest, Kísérletes Orvostudomány, Vol XVIII, No 2, Apr 66, pages 163-168.

Abstract: [Authors' Hungarian summary modified] The distribution of Dorlotyn and Amytal (henceforth either: D) and their excretion in the body fluids was studied in dogs and rats as well as in cases of human poisoning. Labeled D (Dx) and Na-isoamyl-ethyl-barbituricum (NaDx) were used for the experiments. The possibilities of direct extraction with chloroform from the individual organs were also studied. In the course of the experiments, it was established that D is very rapidly decomposed in the organism and its decomposition products are mostly found in the urine. Since the decomposition products will give no, or only an uncertain Zwicker-Bodendorf reaction, paper chromatographic tests must also be carried out in cases of poisoning since the decomposition products have known Rf values. Decomposition products of D were determined successfully in human urine samples as well by means of the paper chromatographic test. The aim of further experiments will be to study the changes in D level as a function of time in the various body fluids. All 8 references are Western.

Immunology

HUNGARY

KAVAI, Maria, JUSZUPOVA, Szaodat, CSABA, Bela: Medical University of Debrecen, Institute of Pathophysiology (Debreceni Orvostudományi Egyetem, Kor-elettani Intezet).

"Isolation of Antibodies by Gel Filtration."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 61-66.

Abstract: [Authors' Hungarian summary] A method has been worked out for the preparation of antiovalbumin-rabbit-antibody. The quantitatively precipitated ovalbumin-antiovalbumin complex was dissociated in 1 N acetic acid, followed by filtration through Sephadex G-200 gel. On the basis of ultracentrifugal measurements and immune electrophoretic study, the antibody isolated in this manner was found to be a gamma G with a 6.4 S sedimentation value. Its readiness to precipitate with ovalbumin was almost 100 per cent retained. In anaphylactic shock, it was found to be 4 times more effective than the immune serum. By the method reported, 66-80 per cent of the antibody content of the immune serum could be isolated in pure form. 3 Hungarian, 14 Western references. [Manuscript received 22 Feb 66.]

CSABA, Gyorgy, dr.; RAPPAY, Gyorgy, dr.

The central nervous system and the reticuloendothelial system;
II. Effects of acute and prolonged narcosis on the storage
activity of the liver. Ideg. szemle 8 no.1;20-23 Feb 55.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan
Intézete. (igazgató: Dr. Toro Imre).

(LIVER, physicl.

liver RE system, regulation by CNS, eff. of cortical
& subcortical anesthetics on funct. in rats (Hun))

(RETICULOENDOTHELIAL SYSTEM, physicl.

same

(CENTRAL NERVOUS SYSTEM, physicl.

regulation of liver RE system, eff. of cortical &
subcortical anesthetics on RE system funct. in
rats (Hun))

(ANESTHETICS, eff.

cortical & subcortical anesthetics, on liver RE
system funct. in rats (Hun))

CSABA, Gyorgy; RAPPAY, Gyorgy; HIEDERMANN, Eva

The central nervous system and the reticuloendothelial system;
III. Data on the neurohormonal regulation of the liver
reticuloendothelial system. Ideg. szemle 8 no.2:46-48 Apr 55.

1. Budapesti Orvostudományi Egyetem SZövet- és Fejlődéstan
Intézete. Igazgató: dr. Tóro Imre egyet. tanár.
(LIVER, physiol.
liver RE system, regulation by CNS, eff. of insulin
& adrenal cortex hormones on funct. in rats (Hun))
(RETICULOENDOTHELIAL SYSTEM, physiol.
same
(CENTRAL NERVOUS SYSTEM, physiol.
regulation of liver RE system, eff. of insulin &
adrenal cortex hormones on RE system funct. in rats (Hun))
(INSULIN, eff.
on liver RE system funct. in rats (Hun))
(ADRENAL CORTEX, hormones
eff. on liver RE system funct. in rats (Hun))

EXCERPTA MEDICA Sec 5 Vol. 11/1 Pathology

61. REACTION OF NEWBORN RATS TO THE HETEROLOGOUS TRANSPLANTATION OF EHRLICH'S MOUSE-ASCITES TUMOUR - Csaba G. and Iskum M. Dept. of Morphol., Res. Inst. for Exp. Med., Hungarian Acad. of Sci., Budapest. ACTA BIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 6/3-4 (273-278) Tables 1 Illus. 3

When the Ehrlich mouse ascites was carried in newborn rats it was successfully transferred for 8 passages but then died out in the rats though it was still positive in mice for one further generation. It never grew in adult rats though tested at every passage. The authors attribute their results to the undeveloped immune system in immature animals. There was evidently some factor which vitiated the tumour cells since it eventually died out instead of continuing indefinitely.

Toolan - New York, N. Y. (V. 16)

CSABA, GY.

Three phases in the life of heterotransplants. In English.
p. 361. ACTA BIOLOGICA. (Magyar Tudományos Akadémia) Budapest.
Vol. 6, no. 3/4, 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956.

CSABA, GY.

Employment of antiantisera for the reduction of incompatibility
provoked by heterotransplantation. In English. p. 369.
ACTA BIOLOGICA. (Magyar Tudományos Akadémia) Budapest. Vol. 6,
no. 3/4, 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956.

CSABA, GY.

How long does a transplanted organ live in the human body? Problems of transplantation. p. 285. New Bulgarian literary successes. p. 287. TERMESZET ES TARSADALOM. (Társadalom- és Természettudományi Ismeretterjesztő Vállalat) Budapest. Vol. 114, no. 5, May 1955. From Lenin's legacy; Lenin's guidance for workers in cultural propaganda work. p. 257.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

CSABA G
EADRETA DEALUA SOC 16 Vol. 5/7 - Cancer July 57

2515. CSABA G. and ISKUM M. Tadmányos Akad. Kisérl. Orvostud. Kufató, Int. Morfol. Oszlálya, Magyar. Ujszülött patkányok reakciója Ehrlich-féle egér ascites-tumor heterolog átoltására *The reaction of newborn rats in heterologous transplantation of Ehrlich mouse ascites tumour* Kisérl. Orvostud. 1956, 8/2 (175-179) Tables I Illus. 3

The authors were successful in transplanting mouse ascites tumour cells into newborn or a few days old rats for 8 passages. It is suggested that the success was attributable to the fact that the immunological mechanism does not function in the early days of life in rats.

Stasney - Philadelphia, Pa.

CSABA, GY.; RAPPAY, GY.

New data regarding the regulation of the RES of the liver by the central nervous system. In English.

P. 411, (Acta Biologica) Vol. 7, no. 4, 1957, Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

GSARA, György, as orvostudományok kandidátusa; ISKUN, Miklós

Transplantation of embryonal endocrine tissues after the administration of anti-antiorgan sera. Magyar Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no. 4:451-455 1957.

1. Az MTA Kísérleti Orvostudományi Kutató Intézet Morfológiai Osztálya és a Budapesti Orvostudományi Egyetem Szövet-Fejlődéstani Intézete.

(IMMUNE SERUMS, eff.

anti-antiorgan serum pretreatment on heterotranspl. of embryonal endocrine tissues (Hun))

(ENDOCRINE GLANDS, transpl.

eff. of anti-antiorgan serum pretreatment on heterotranspl. of embryonal endocrine tissues (Hun))

CSABA, Gyorgy

CSABA, Gyorgy; TORO, Imre

Agar-binding reaction as a method in cancer diagnosis. Orv. hetil.
98 no.45:1237-1238 10 Nov 57.

1. A Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete
(igazgató: Toro Imre dr. egyet. tanár) közleménye.
(NEOPLASMS, diag.
serum agar-turbidity test (Hun))

HUNGARY / General Problems of Pathology. Transplantation U
of Tissue and Tissue Therapy.

Abs Jour : Ref. Zhur = Biologiya, No. 3, 1959, 13532

Author : Csaba, Gy.

Inst : Hungarian Academy of Sciences

Title : Heterotransplantation With the Use of Anti-Anti-
Organ Sera. I. Transplantation of the Spleen.

Orig Pub : Acta biol. Acad. sci. hung., 1957, 8, No. 1, 61-
66

Abstract : Rabbits (5) were immunized with an antigen pre-
pared from dog spleen. The titer of antispleen
antibodies reached 1:64 000 - 1:500 000. The
serum was introduced to mice in the course of
20 days (total amount 1.35 ml per mouse). 10
days after the last injection, pieces of the dog
spleen were transplanted to the mice. In control

Card 1/2

HUNGARY / General Problems of Pathology. Transplantation U
of Tissue and Tissue Therapy.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13532

animals, all transplants resorbed; in experi-
mental animals, 70% of the transplantations were
successful. -- V. M. Shapiro.

Card 2/2

18

HUNGARY/General Problems of Pathology. Transplantation of Tissues and Tissue Therapy. U-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 93797

Authors : Csaba, Gy.; Iskun, M.

Inst : AS Hungary

Title : Heterotransplantations with Application of Anti-anti-Organic Sera. II. Tissue Transplants of Endocrine Glands of an Embryo.

Orig Pub : Acta biol. Acad. sci. hung., 1957, 8, No.1, 67-71.

Abstract : Rabbits were immunized with spleen tissue of dogs. The resulting serum was injected into mice which had received transplants of pieces of adrenal cortex (A) and sexual glands from dog embryos. Control animals with transplants of A died within 3-4 days, while 60% of the test animals survived. After 1-2 months the transplants had the usual form of normal A tissue

Card 1/2

HUNGARY/General Problems of Pathology. Transplantation of
Tissues and Tissue Therapy.

U-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 93797

with a very insignificant connective tissue reaction but with
manifestation of a central necrosis. It was possible to
detect cells of A cortex in the histological study. Adrena-
lectomized mice survived with transplants of A. Transplants
of gonads were unsuccessful in every case. -- V. M. Shapiro

Card 2/2

CSABA, Gyorgy; ISKUN, Miklos

Adaptation and heterotransplantation of spleen tissue in tissue culture.
Kisérletes orvostud. 10 no.1:66-70 Feb 58.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.
(SPLEEN, transpl.
exper. heterotranspl. after adaptation to blood serum of
recipient animal in tissue culture (Hun))

CSABA, Gyorgy, Dr.

Experiments on heterotransplantation with the use of anti-antiorgan
serum; experiment on spleen transplantation. Orv. hetil. 99 no.3:83-85
19 Jan 58.

1. A Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstani. Intézetének
(igazgató: Foró Imre dr. egyet. tanár) közleménye.

(IMMUNE SERUMS

anti-spleen serum in exper. heterotranspl. of spleen (Hun))

(SPLEEN, transpl.

exper. heterotranspl. with use of anti-spleen serum (Hun))

COUNTRY : HUNGARY
CATEGORY : General Biology. B
 : General Histology.
ABS. JOUR. : RZhBiol., No. 5, 1959, No. 19049
AUTHOR : Csaba, Gyorgy; Hegyi, Klara
INST. : Hungarian Academy of Biology
TITLE : The Conduct of Tissues of Different Philo- and
 Ontogenetic Origin in Tissue Cultures
 (Suitability of Tissues for Transplantation.*
ORIG. PUB. : Magyar tud. akad. Biol. csop. kozl., 1958, 1,
 No 3-4, 291-304
ABSTRACT : The conduct of tissues of varied philo- and
 ontogenetic origin was studied on 3,200 tissue
 cultures. The authors established the fact
 that not all tissues of every age are suitable
 for work. Their suitability decreases consider-
 ably in a strange environment, but remains pre-
 served in an autological nutritive medium. The
 heterology of the nutritive medium, the serum,
 is firstly determined not by the system, but by the
 remoteness of the animal but by the composition
 of the nutritive medium itself. Among a number

Card:

1/2 *Application of Autological and Heterological
Nutritive Media for Tissue Cultures).

COUNTRY : HUNGARY
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : of tissues which were investigated, the most expedient for experimental transplantation proved to be the spleen. -- From the author's summary.

CARD: 2/2

14

COUNTRY : Hungary
CATEGORY :
B-1
ABST. JOUR. : RZBiol., No. 1 1959, No. 286
AUTHOR : Csaba, G.; Iskum, K.
INST. : Hungarian Academy
TITLE : Heterotransplantation of the Spleen of
Animals of Phylogenetically Disparate
Development.
ORIG. PUB. : Magyar tud. akad. Biol. csop. kozl., 1958,
1, No 3-4, 379-386
ABSTRACT : 83 mice and 43 albino rats were subjected
to grafting of heterotransplants of spleen tissue of
animals of other phylogenetic groups. The authors found
that heterotransplants taken from mammals died, while the
spleen tissues taken from hens and tritons retained their
viability for a long time and formed an organ. The ex-
periments emphasize the important role of the factors of
assimilation and adaptation in shaping the fate of the
heterotransplants.

CARD:

23

CSABA, G.

Role of assimilative-adaptational factors in the fate of heterotransplants.
Kiserletes orvostud. 10 no.4:342-352 Aug 58.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.
(TRANSPLANTATION, exper.
role of assimilative-adaptational factors in fate of
heterotransplants (Hun))

EXCERPTA MEDICA Sec 16 Vol 7/8 Cancer August 50

3235. **A new cancer test: the agar-binding reaction** Ein neues Verfahren zur Krebsdiagnose. Die Agar-Bindungsreaktion. CSABA G. and TORO L. Histol.-Embryol. Inst., Med. Univ. Budapest *Z. Krebsforsch.* 1958, 62 3 (481-494) Graphs 4 Tables 3 Illus. 5

In agar-agar, the blood serum of cancer patients produces a turbidity that can be observed with the naked eye. For technical details see the original. A total of 2,130 cases were tested: 611 patients with various tumours, 528 with other diseases, and 983 healthy persons. Out of 375 histologically confirmed carcinomas 85.9% were positive. The reaction was positive in 12 out of 20 histologically confirmed sarcomas (60%), 68.4% of Hodgkin's disease (23 patients), and 90% of melanoblastomas (20 patients). Three cases of leukaemia (among 8) had a positive test. The 62 false negative reactions in the carcinoma group (14.1% of the total) were in 18 superficial carcinomas and 55 histologically confirmed cases in the terminal stage. In the group 'other diseases' there were 12.8% false positives, and 66% of the healthy controls had a positive test. The reaction is recommended, also for screening purposes, for carcinoma cases: when the 'false negatives' (superficial carcinomas and carcinomas in the terminal stage) are not counted, 95.9% of the carcinoma cases reacted positively. An (immunological) explanation of the test is presented.

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JANIKOVSKY, Bela, Dr.

New method for cancer diagnosis: the agar-binding reaction. Orv. hetil.
99 no.17:553-561 27 Apr 58.

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

(NEOPLASMS, diag.

agar-agar fixation test (Hun))

(AGAR

agar-agar fixation test in cancer diag. (Hun))