

TORNUSHENKO I.G.
TORNUSHENKO, I.G., akkumulyatorshchik; GAVRILOV, A.P., akkumulyatorshchik.

Our method of reconditioning storage batteries. Elek. i tepl.
tiaga no.3:32-33 Mr '57. (MIRA 10:6)

1. Elektrodepo, Leningrad. Finlyandskoy Oktyabr'skoy dorogi.
(Storage batteries)

C.A.

Stabilizer for rubber articles. *Iános Tornyó, Hung.*
134,251, March 10, 1948. Acid-free glycerin 80%, 96%
EtOH 4%, Turkish Red oil 8%, and distd. water 8% are
mixed and the product used for the surface treatment of
rubber articles to be stored. *István Finkly*

TORNYAI, Jozsef

Pictures on the exhibition arranged by the Tivadar Puskus
Telecommunications School. Radiotechnika 12 no.10:316 0 '62.

TORNYAI, Jozsef

The higher branch of the Tivadar Puskas Telecommunications
School has opened with festivities. Fadiotechnika 12 no.11:355
N '62.

TORNYOS, F., JR.

Machining crankshafts on circle-cutting milling machines. p 487

GEP (Gepipari Tudományos Egyesület) Budapest, Hungary
Vol. 11, no. 12, Dec. 1959

Monthly list of East European Accession (EEA 1) LC Vol. ~~XXXXXX~~
~~XXXXXX~~ 9, no. 2, Feb. 1960

Uncl.

TORNYOS, Karoly

BARTA, Lajos, dr.; NEMETH, Eleonora, dr.; SOLTÍ, Ferenc, dr.;
TORNYOS, Karoly, dr.

Effect of tetraethylammonium bromide on blood sugar in diabetes mellitus. Gyermekgyógyászat 5 no.12:367-371 Dec 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató: Rusznyak István dr, egyet. tanár) és I. sz. Gyermek-klinikájának (Igazgató: Gegesi Kiss Pál dr. egyet. tanár) közleménye.

(TETRAETHYLAMMONIUM, eff.

on blood sugar in diabetes mellitus)

(DIABETES MELLITUS, blood in
blood sugar, eff. of tetraethylammonium bromide)

(BLOOD SUGAR, in various dis.
diabetes mellitus, eff. of tetraethylammonium bromide)

TORNYOS, Karoly, dr.

Marfan's syndrome (Arachnodactyly). Magy. belorv. arch. 8 no.5:
148-151 Oct 55.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: dr. Ruzsnyak, István egyetemi tanár) közleménye.

(BONES, abnorm.

Marfan's synd., sympt. & ther. by methylandrostenediol
dipropionate. (Hun))

(ABNORMALITIES

same.)

(ANDROGENS, ther. use

methylandrostenedio dipropionate in Marfan's synd.
(Hun))

TORNYES, M.

2701. Determination of aridomareure chloride
"estimated mercury" with G.I. N. notisiduri
hydrate solution

The method of determining the amount of mercury in a sample is as follows:

1. Weigh a sample of the material to be analyzed.

2. Dissolve the sample in a known volume of water.

with a few drops of 10% sodium hydroxide solution.

CUREA, I.; MIHAILESCU, Dtr.; TORO, E.; CUREA, O., prof.; BERCEI, E.;
GHEREGA, O.; JURA, C., conf.; OHANOVICI, N.; SINITEANU, D., asist.;
LAMOTH, P., conf.; POLICEC, A., asist.; MARIEHUT, U., asist.;
STURZ, I.; OITA, V.; BAEA, R.; MUNTEANU, A.; SCHIFF, A., asist.

Total solar eclipse of February 15, 1961. Studii astron seismol 7
no.2:247-258 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de astronomie
si seismologie" (for I. Curea). 2. Studenti la Institutul Pedagogic
Timisoara (for Bercei and Gherega).

TORO, I.; PALYI, I.; CSAFO, I.; GAZDO, L.

Microcinematographic studies of the epithelial cells of the thymus. Acta morph. Acad. sci. Hung. 13 no.1:51-73 '62

1. Department of Histology and Embryology (Director: Prof. I. Toro), University Medical School, Budapest, and Morphological Department (Head: Prof. I. Toro), Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest (Director: Prof. I. Rusznyak).

TORO, I.; ROHLICH, P.

Ultrastructure of the lymph node of the guinea pig. Acta morph. acad.
sci. hung. 11 no.4:415-432 '62.

1. Department of Histology and Embryology, (Director: Prof. I. Toro)
University Medical School, Budapest.
(LYMPH NODES) (GUINEA PIGS)

Toro, Imre, akadémikus, egyetemi tanár

In the spirit of our Party Congress. Term tud kozl 6 no.10:433
0 '62.

1. "Természettudományi Kozlony" szerkeszto bizottsaganak
elnoke.

TORO, Imre, dr., Kossuth-dijas akademikus; BOGNAR, Geza, dr., Kossuth-dijas akademikus; KARDOS, Laszlo, dr., Kossuth-dijas akademikus; CSUROS, Zoltan, Kossuth-dijas akademikus; MOD, Aladar, egyetemi tanar; NAGY, Laszlo, dr., kandidatus

Appeal! Term tud kozl 6 no.10:457 Q '62.

1. Tudomanyos Ismeretterjeszto Tarsulat elnoke (for Toro).
2. Tudomanyos Ismeretterjeszto Tarsulat elnokehelyettese (for Bognar, Kardos, Csuros, and Mod).
3. Tudomanyos Ismeretterjeszto Tarsulat fotitkara (for Nagy).

403. Toro 1. Department of Anatomy and Biology, University of Debrecen, Szovettani vizsgálatok a R.E.S. és a histamin hatás kapcsolataról Histological researches on the connection of R.E.S. and histamine effect Magyar Orvosi Archivum 1943, 44/2 (115-134) Illus. 12

The author gives the histological explanation of Jancso's test: he rubbed histamine into a part of the shaven skin of a white rat and after the intravenous injection of Indian ink, this skin area turned black. Histological examinations showed that the endothelium of capillaries, postcapillaries and venules took up the Indian ink granules from the blood and stored them. At the same time some of the endothelial cells degenerated. The Indian ink granules found their way to the adventitial cells. The pericytes charged with Indian ink gradually separated off, wandered with amoeboid movements into the connective tissues, and dispersed the Indian ink. The effect of histamine therefore, was to transform the endothelium into reticulo-endothelium. Between the normal endothelium and the reticulo-endothelium moreover there is no genetic or morphological, but only a functional difference.

Szebenyi-Budapest

So: Physiology, Biochemistry & Pharmacology, Section II, Vol. 1, #1-6

11F

CA

The humoral self-regulation of the cell-transformation in
the tissue. I. Turó (Debrecen, Hung.). *Proc. Intern.
Congr. Exptl. Cytol., Stockholm, 1947, Exptl. Cell Research,
Suppl. 1, 604-8(1948).*—The liver parenchyma produces a
substance which can be extd. from embryonic liver, which
regulates the reticuloendothelial function of the liver.
Felix Saunders

TORD, I. 1948

(Anat.-Biol. Inst., of Debrecen)

"The Humoral Regulation of Storage in the Liver."

Acta Anatomica, Basle, 1948 5/4(311-342)

Abst: Exc. Med. V. Vol. 11, No. 12, p. 931

TORO, I. 1949

(Inst. of Histol. Anat. & Embryol. U. of Debrecen)

"The 'Storage-Capacity' of the Reticuloendothelial System."

Hung. Acta Physiologica, Budapest, 1949 2/1-4(151-152)
Abst: Exc. Med. 11, Vol. 111, No. 5, p. 632

CA

The determination of the storing capacity of the reticulo-endothelial cells of the liver. Imre Toro and György Velosy (Univ., Debrecen, Hung.):--*Kisérlet Orvostudomány 2*, 103-14(1950).--Albino rats were fasted 24 hrs., then 1 mg. Ag in the form of a 1% aq. colloidal soln. was injected intravenously in urethan narcosis and Ag content of liver detd. after 1 hr. by the dithizone titration method. The liver of rats weighing 150-172 g. weighed 4.4-7.0 g., contained 376-712 γ Ag, and the Ag contents increased parallel to wt. of liver. The storing capacity of liver was increased by administering a liver ext. called resactor. When 0.1-5 ml. colloidal Cu was injected previous to the Ag soln., the Ag content of liver diminished. The storing capacity can be detd. equally well by injecting Ag or Cu, the results can serve as a base for evaluating the function of the reticulo-endothelial system. The natural Cu content was 5.70-8.05 γ in the livers weighing 0.947-1.075 g. in mice weighing 19-22 g. With intravenous injections of 0.1 ml. electrocolloidal Cu their livers contained 19.0-27.5 γ Cu. When 0.1 ml. colloidal Fe(OH)₃ was injected 15 min. before injecting the Cu, the livers contained 16.0-23.8 γ Cu. István Finkly

TORO, I. 1951

(Anat. & Biol. Inst. of Debrecen)

"Action of Cytotoxic Sera on the Organs of the Reticulo-Endothelial System."

Acta Physiol. Budapest, 1951 2/1 suppl (52)
No abst. in Eye. Med.

Toro, J

U N C

MD
③
J. Biology and measurement of the activity of the reticulo-
endothelial system of the liver. I. Toro, T. Barka, B.
Aros, and Gy. Velosy. *Acta Physiol-Hung.* 2, 131-62
(1951); *Biol. Abstr.* 27, 86(1953); cf. *C.A.* 45, 1930c.—
Microchem. detn. of the Ag content of the liver after in-
jection of colloidal Ag permits evaluation of the activity of
the reticulo-endothelial system. This activity was increased
in rats by embryonic tissue and 0.2 mg./kg. adrenaline, and
reduced by colloidal Cu, adrenalectomy, and alloxan;
atropine, acetylcholine, prostigmine, and pilocarpine were
ineffective. Histamine (0.1-50 mg./kg.) had no effect on
storage of Ag in the normal rat, but increased storage in the
adrenalectomized animal. A. M. M.

TORO, I.

BARKA, T.; AROS, B.; TORO, I.

Date on the relation of the reticuloendothelial system and the
adrenal cortex. Kiserlates Orvostud. 3 no. 4: 342-351 1951
(JML 21:3)

1. Institute of Biology and Anatomy, Debrecen University.

TORO, I.

AROS, B.; BARKA, T.; TORO, I.

Carbohydrate metabolism and the liver-reticuloendothelial system. Kiserlates Orvostud. 3 no. 5:352-357 1951 (CIML 21:3)

1. Institute of Biology and Anatomy, Debrecen University.

I. TORO

"A new form of the cell generating mechanism" p. 363 Annual Meeting of Hungarian Pathologists and Anatomists in Budapest, 1952, Reviews of papers: Nephroses, By. Rone; Nephritis, B. Radnai; The pathology of nephrosclerosis, P. Endes. p. 389 (ACTA MORPHOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 2, no. 4, 1952, Budapest, Hungary)

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

TORO, IMre, akademik.

New form of cell division supporting Lepeshinskaia's theory. Cas.
lek.cosk. 91 no.39:1109-1110 26 Sept 52.

1. Prednesena na vyrocnim zasedani Akademie ved lidove demokraticke
republiky Mad'arske.

(CELL DIVISION,

new form, role in Lepeshinskaia's theory)

(CYTOLOGY,

Lepeshinskaia's theory, role of new form of cell divi-
sion in)

TORO, I.

Experimental contributions on the clarification of reticuloendothelial function. Ther. hung. no.1:4-8 1953. (CIML 24:5)

1. Member of the Hungarian Academy of Sciences. 2. Of the University School of Histology and Embryology, Budapest.

TORO, Imre

New system of formation of cells. *Fol. biol.* 1 no.4:249-253
1953.

1. Członek rzeczywisty Węgierskiej Akademii Nauk, Budapeszt.
(CELLS,
*form. from acellular substance)
(LIFE,
*spontaneous generation)

TORO, L.

Effect of purine nucleosides on the work capacity, the heart, and the adrenal gland. L. Kokos, I. Mierzb, and I. Toro (Med. Univ., Budapest). *Acta Physiol. Acad. Sci. Hung.* 7, 489-501 (1968) (1; English); of preceding abstr. — Rats were given daily injections as above and 30-40 min. later made to swim until exhausted. Those injected with NaCl could swim for 7-8 min. This time did not change with experience. The swimming time of the animals receiving oshormone (I), the guanylic acid deriv. (II), or adenosinetriphosphate (III) increased to about 5 min. on the 11th day, remained fairly constant for the rats receiving I and III, and increased to 11 min. for those obtaining II. The rats getting NaCl had the greatest hypertrophy of the heart and adrenals, those receiving I had less hypertrophy, those injected with III had slight hypertrophy of the heart only, and those getting II had almost normal heart and adrenal wts.

A. Mierzb

(2)

TORO, I.

"Embryology as evidence of the development of the species." p. 339
(Termesztudományok, Vol 112 No 6 June 1953 Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Uncl

TORE, F., RADTZ, M.

Behavior of thymus transplanted to chorioallantoic membranes. In English, p. 87, (ACTA BIOLOGICA, Budapest, Hungary). Vol 5, No 1/2, 1954.

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4, No. 5, May 1955, Uncl.

RADITZ, Magdolna; TORO, Imre

The behavior of thymus transplanted into chorioallantoic membrane.
Kiserletes orvostud. 6 no.6:499-506 Nov 54.

1. Budapesti Orvostudományi Egyetem Szovet-es Fejlodestani
Intezete.

(THYMOS, transpl.

chorio-allantois in chick embryo, growth & regen.)

(EMBRYO

dhick, thymus growth after transpl. to chorio-allantois)

(TRANSPLANTATION, exper.

thymus to chorio-allantois in chick embryo, growth &
regen.)

BARKA, Tibor,; TORO, Imre,; POSALAKY, Zoltan,; RAPPAY, Gyorgy.

An attempt to grow Ehrlich's ascites tumour in vitro. Acta morph.
hung. 6 no.1:87-98 1955

1. Institute of experimental medicine of the Hungarian Academy of
Sciences, Dept. of Morphology (Head: Prof. I. Toro) IX. Tuzolto u
58. Hungary.

(NEOPLASMS, experimental,
Ehrlich ascites carcinoma, culture in vitro)

TORO, Imre, r. tag. osztalytikar.

Report of the secretary of the biological and medical section
of the Hungarian Academy of Sciences. Magy. Tudom. Akad. Biol.
Orv. Oszt. Kozl. 6 no.3-4:199-229; discussion p. 230-234. 1955.

(MEDICINE
in Hungary, progr. (Hun))
(BIOLOGY
same.))

Toro I

Med

8459. Action of purine nucleosides on nucleic acid content of heart during exercise. I. Banga, E. Kokas, I. Micsbácz, and I. Tóro. *Acta physiol. Acad. Sci. Hung.*, 1955, 7, 491-497 (Inst. of Histology and Embryology, Med. Univ. Budapest Hungary) --163 246 g.

rats were loaded with food wt and made to swim in 4 groups. Each group was injected with one of the following saline, Cor-hormone (trade name of an embryonic heart extract), ATP, or GAD a guanylic acid nucleotide isolated as Na salt from Cor-hormone, (Kokas and Banga, *ibid.*, 1950, Suppl. 1, 24). Swimming took place daily for 10-16 and 17-25 days and the total nucleic acid, RNA, and DNA content of their hearts determined. The 2 latter determinations gave variable results. Total nucleic acid diminished during exercise in the saline group. The diminution was proportional to the severity of the exercise. The nucleic acid content increased or in strenuous overwork returned to normal in the groups injected with the other 3 substances. In the hearts of these latter groups great number of nuclei appeared of the type of young animals.

A. B. L. Bszhak.

46

TORO, I.

Med 3480. Effect of purine nucleotides on working capacity, on the heart and adrenal glands. E. Kokas, I. Miezán, and I. Fűrő *Acta physiol. Acad. Sci. hung.*, 1955, 7, 409-420 (Inst. of Histology and Embryology, Med. Univ., Budapest, Hungary). --250 g. rats in 4 groups as in following paper were forced to swim for 23 days. Swimming performance and body wt. decreased in the saline injected rats whereas it increased in the other 3 groups in the following ascending order: Corhormone, ATP, GAD. Cardiac wt. increased with exercise in the saline group; this increase was prevented in increasing degrees by Corhormone, ATP, and GAD. Adrenal wt. behaved similarly to cardiac wt. It is concluded that GAD is one of the active principles of Corhormone. A. B. L. BEZNAK

KOKAS, E.,; MICZBAN, I.,; TORO, I.

Effect of purine nucleotides on working capacity, on the heart and the adrenal glands. Kiserletes orvostud. 7 no.5:501-511 Sept 55.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstani Intézete.

(NUCLEOTIDES, effects
purine nucleotides, guanylic acid deriv., on working capacity, heart & adrenal in swimming test in rats)

(TISSUE EXTRACTS, effects
heart, embryonic, guanylic acid deriv., on working capacity, heart & adrenal in swimming test in rats)

(ADENYLPHOSPHATE, effects
on working capacity, heart & adrenal in swimming test in rats)

(WORK
musc. work, eff. on heart & adrenal in swimming test in rats)

BANGA, L.,; KOKAS, E.,; MICZBAN, I.,; TORO, I.

Effect of purine nucleotides on the nucleic acid content of the heart during work. Kiserletes orvostud. 7 no.5:511-516 Sept 55.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete és I. sz. Kóronctani és Kísérleti Raktató Intézete.

(NUCLEOTIDES, effects

purine nucleotides, guanylic acid deriv., on nucleic acid in heart during work in rats)

(TISSUE EXTRACTS, effects

heart, embryonic, guanylic acid deriv., on nucleic acid in heart during work in rats)

(ADENYLPHOSPHATE, effects

on nucleic acid in heart during work in rats)

(NUCLEIC ACIDS, metabolism

heart, during work in rats, eff. of adenylypyrophosphate, and guanylic acid deriv. in purine nucleotides & corhormone)

HUNGARY/General Problems of Pathology - Tumors. Immunity.

U.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 8795

Author : Rappay Gy., Barka, T., Törö, I.

Inst : Hungarian Academy of Sciences

Title : The Mitosis-Intensifying Effect of Tumor-Cell Homogenate

Orig Pub : Acta morphol. Acad sci. hung., 1957, 7, No 4, 355-359

Abstract : Mice were injected with 0.3 cubic centimeters of ascitic fluid with 15-17 million Ehrlich ascites carcinoma cells. Cell homogenates of this carcinoma, of an anytal-treated [letter omitted in the Russian work; possibly something else intended] ascites sarcoma and of the liver of adult mice and rats were centrifuged for 15 minutes at 3500 revolutions per minute, and 0.5 cc of the supernatant fluid was injected into mice 9 days after the tumor transplantation. The mitotic index was determined using

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HUNGARY/General Problems of Pathology - Tumors. Immunity.

U.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 3795

2000 ascitic cells before and four, eight and 24 hours after the injection of the supernatant fluid. A statistically reliable increase in the mitotic index (199.5 and 238.5% of the original value) was obtained only eight and 24 hours after the injection of the homogenate of the same Ehrlich ascites carcinoma with a simultaneous shortening of the survival of the mice from 15.2-1.3 days in the control to 12.1-1.7 days in the experimental animals. The supernatant fluid of the other homogenates did not exert any noticeable effect on the mitotic index of the Ehrlich ascites carcinoma. -- A.M. Lunts

Card 2/2

Country : HUNGARY B
 CATEGORY : General Biology.
 Individual Development. Sex Cells.
 ABS. JOUR. : ZBiol., No. 3, 1959, No. 96h2
 AUTHOR : Posalaky, Z.; Toro, I.
 INST. : Hungarian AS
 TITLE : Experimental Investigations into the Penetration
 of Spermatozoa not Participating in Fertilization.
 ORIG. PUB. : Acta Biol. Acad. Sci. Hung., 1957, 8, No. 1,
 1-10
 ABSTRACT : Histological examination of serial uterine
 sections of white rats taken at various times
 after mating or fertilization by live or dead
 spermatozoa showed that the intrusion of
 spermatozoa into many cells of the organism,
 as has been described not so long ago by
 Genin, is based on a methodical error. The
 penetration of spermatozoa into the uterine
 walls which seems to take place, is the
 result of an accidental transfer of spermatozoa
 by the microtomic knife from the

CARD: 1/2

Категория : ЕДИНКА
CATEGORY :

ANN. JOUR. : RZbiol., No. 1989, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : uterine lumen to the tissue surface. --
I. I. Sokolovskaya

CARD: 2/2

TORO, Imre, akadémikus; AROS, Bela

Tissue responses of the thymus to various influences. *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl.* 8 no.4:431-449 1957.

1. Az MTA Kísérleti Orvostudományi Kutató Intézet Morfológiai Osztálya és a Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan Intézete.
(THYMUS, physiol.
tissue responses to various exper. cond. in animals (Hun))

HUNGARY / Human and Animal Morphology - Nervous System. S

Abs Jour : Ref. Zhur. - Biol., No. 22, 1958, No. 101467

Author : Toro, I.; Rohlich, P.

Inst : -

Title : Histophysiologic Significance of the Interstices of Peripheral Nerves.

Orig Pub : Ideggyogy. szemle, 1957, Vol.10, No. 5-6, 155-162

Abstract : Particles of India ink, introduced into the vagus nerve of the white rat, are phagocytosed by granulocytes, connective tissue cells, and Schwann cells, which thus perform an important protective function. Following introduction of India ink into the subarachnoid space of rats in the region of the lumbar vertebrae, the particles are found only in the motor and sensory roots and in the interstices of the intervertebral ganglia. They

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HUNGARY / Human and Animal Morphology -- Nervous System. S

Abs Jour : Ref. Zhur. - Biol., No. 22, 1958, No. 101467

are not found further along the nerves. A third group of animals was injected with ink into the tissues surrounding the vagus nerve. The Aoyama technique of impregnation disclosed on the internal surface of the outer perineurium, a perilemma (P) of 1-2 microns thickness which prevented diffusion of the dye. The P consists of two layers of squamous cells similar to mesothelium, with a basal membrane between them. To demonstrate the barrier functions of the P, the tissues around the nerve were infiltrated with an isotonic solution of ferrous chloride; the iron ions penetrated, within a period of several minutes, through the connective tissue membrane, but were detained at the external surface of the P, through which they passed only after a period

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HUNGARY / Human and Animal Morphology - Nervous System. S

Abs Jour : Ref. Zhur. - Biol., No. 22, 1958, No. 101467

of 3-4 hours. A similar prevention of diffusion of the iron ions was seen (but in the reverse direction) with infiltration of the ferrous chloride solution directly into the nerve. If ether was added to the solution, the permeability of the P for iron ions increased by about nine fold. Studies of the histochemical structure of P showed that it contains a considerable amount of lipoids, while its basal membrane consists of mucoproteins. Bibliography of 55 titles. -- A. N. Ivanov

Card 3/3

HUNGARY/General Problems of Pathology - Tumors. Immunity.

U.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 8774

Author : Osaba György, Törő Inre

Inst : -

Title : Value of the Agar Fixation Reaction in the Diagnosis of Cancer (Preliminary Report).

Orig Pub : Orv. hetilap., 1957, 98, No 45, 1237-1238

Abstract : Serum of cancer patients reacts with agar of a certain concentration at an appropriate temperature; the reaction is of the complement-fixation type. The authors suppose that serum immune bodies react with the agar. The test was performed with the sera of patients suffering from carcinoma, sarcoma, melanoma, lymphogranulomatosis and with the sera of healthy persons. In all, 1385 examinations were made. Of 192 carcinoma patients in whom the diagnosis had been confirmed histologically there was a positive reaction in 83.3%; in 74 patients

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HUNGARY/General Problems of Pathology - Tumors. Immunity.

U.

Abs Jour : Ref Zhur - Biol., II: 2, 1959, 8774

with a clinical diagnosis of carcinoma, in 81.1%; in 16 patients with sarcoma, in 37.6%; in 14 patients with melanoma, in 86%; in 20 patients with lymphogranulomatosis [Hodgkin's disease], in 80%. The reaction with the serum of 611 healthy persons was negative in 93%. The reaction is not suitable for the diagnosis of leukemia.
-- A.N. Ivanov

Card 2/2

TORO, I.

The role of the Institute of Biology at Tihany in Hungarian biological research work.
p. 189.

A MAGYAR TUDOMÁNYOS AKADEMIA V. CSZTALYA BIOLOGIAI CSOPORTJANAK KOZLEMENYEI. Budapest,
Hungary. Vol. 1, No. 3/4, 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 9, No. 1, Jan. 1960.
UNCL

TORO, I.

Differentiation and differentiation as reflected in structure and evolution. p. 273.

A MAGYAR TUDOMANYOS AKADEMIA V. OSZTALYA BIOLOGIAI CSOPORTJANAK KOZLEMENYEI. Budapest,
Hungary. Vol. 1, No. 3/4, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 1, Jan. 1960.
UNCL

TORO, I.

Secretarial report of the Biology Section. p. 1.

A MAGYAR TUDOMANYOS AKADEMIA V. OSZTALYA BIOLOGIAI CSOPORTJANAK KOZLEMENYEI.
Budapest, Hungary. Vol. 2, no. 1, 1958.

Monthly List of East European Accessions (EEAI). LC, Vol. 9, No. 1, Jan. 1960
Uncl.

TORO, I.

The tissue structure of infant glands. p. 47.

A MAGYAR TUDOMANYOS AKADEMIA V. OSZTALYA BIOLOGIAI CSOPORTJANAK KOZLEMENYEI.
Budapest, Hungary. Vol. 2, No. 1, 1958.

Monthly List of East European Accessions (EEAI). LC, Vol. 9, No. 1, Jan. 1960.
Uncl.

TORO, IMRE

POSALAKY, Zoltan; RADITZ, Magdolna; TORO, Imre; BARKA, Tibor

Nucleic acid metabolism in livers transplanted on chorioallantoic membrane. Kiserletes orvostud 9 no.5-6:589-595 Oct-Dec 58.

1. Budapesti Orvostudományi Egyetem Szövet-Fejlődéstan Intézete.

(LIVER, metab.

nucleic acids in livers cultivated on chorioallantoic membranes (Hun))

(NUCLEIC ACIDS, metab.

liver, metab. in livers cultivated on chorioallantoic membranes (Hun))

TORO Imre

POSALAKY, Zoltan; TORO, Imre

Experimental studies on the fate of spermii not participating in the fertilization. Kiserletes orvostud. 10 no.1:46-52 Feb 58.

1. Budapesti Orvostudományi Egyetem SzAovet-Fejlodestani Intezete.

(SPERMATOZOA

fate of spermatozoa not participating in fertilization in female organism, histol. study (Hun))

CSARA, Gyorgy, Dr.; TORO, Imre, Dr. (Munkatarsak); KISS, Ferenc Istvan, Dr.;
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))

TORO, I.

An account of the 1958 General Meeting of the Biological Section of the Hungarian Academy of Sciences. p. 401

A MAGYAR TUDOMANYOS AKADEMIA V. OKZTALYA BOIOGIAI CSOPORTJANAK KOSIEMENEI.
Budapest, Hungary. Vol. 2, no. 4, 1959

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

Uncl.

CSABA, G.; TORO, I.; KISS, F.I.; JECSAY, 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.)

TORO, I.; ROZHA, K. [translator]

Differentiation and dedifferentiation of cellular structure
and function. Zhur.ob.biol. 20 no.3:174-183 My-Je '59.
(MIRA 12:8)

1. Department of Histology and Embryology, Medical University,
Budapest, Hungary. (Cells)

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

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

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

(NEOPLASMS diag.)
(SERODIAGNOSIS)

TORO, I.

The cytology of the thymus gland. Folia biol. 7 no.3:145-149 '61.

1. Institute of Experimental Medicine, Hungarian Academy of Sciences,
Department of Morphology and Department of Histology and Embryology,
Medical University, Budapest.
(THYMUS GLAND anat. & histol.)

MULLER, Miklos, dr. (Budapest, IX. Tuzolto u.58.); TORO, Imre, dr., egyet.
tanar, akademikus, igazgato (Budapest, IX. Tuzolto u.58); ROCHLICH, Pal,
dr. (Budapest, IX Tuzolto u.58); TOTH, Jozsef (Budapest, IX, Tuzolto
u.58); TOTH, Geza (Budapest, IX. Tuzolto u.58)

Cytological investigations of the pabulum and digestion of a Tetra-
hymena corlissi. Biol kozl 9 no.1:55-62 '61.

1. Budapesti Orvostudományi Egyetem Szovetani es Fejlodestani
Intezete. 2. Magyar Tudományos Akademia (for Toro).

VIGH, Bela, dr. (Budapest, IX. Tuzolto u.58); AROS, Bela, dr. (Budapest, IX. Tuzolto u.58); ZARAND, Peter (Budapest, IX. Tuzolto u.58); TORK, Istvan (Budapest, IX Tuzolto u.58); WENGER, Tibor (Budapest, IX Tuzolto u.58); TORO, Imre, dr., egyetemi tanar, igazgato (Budapest)

A comparison of the Gomori-positive secretion of the sub-commisural organ in various vertebrates. Biol kozl 9 no.1:63-71 '61.

1. Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezete.

AROS, Bela, dr. (Budapest, IX Tuzolto u.58); VIGH, Bela, dr. (Budapest, IX Tuzolto u.58); TORO, Imre, dr., egyetemi tanar, igazgato

Neuro-secretory changes in the nervous system of the earthworm (Lumbricus rubellus) under various influences. Biol kozl 9 no.1:73-78 '61.

1. Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezete.

TORO, Imre, dr.; ROHLICH, Pal, dr.

The problem of the structure of the lymph node; data obtained by electron microscopy. Magy radiol. 13 no.6:331-339 N '61.

1. Budapesti Orvostudományi Egyetem Szövet és Fejlődéstan Intézet közleménye. Igazgató: Toro Imre dr., egyetemi tanár.

(LYMPH NODES anat & histol)
(MICROSCOPY ELECTRON)

TORO, Imre, dr., akadémikus, Kossuth-díjas egyetemi tanár

Biológia; the past one and a half decades in retrospect. *Elérkezett tud 16*
no.49:1561 3 D '61.

1. Tudományos Ismeretterjesztő Társulat életrajza.

TORO, Imre, akadémikus, egy.tanár (Budapest)

Kh.S.Koshtoiants, 1900-1961; an obituary. *Magy tud* 68 no.7/8:467-469
Jl-Ag '61.

1. Budapesti Orvostudományi Egyetem.

TORO, Imre, dr., akadémikus, egyetemi tanár, Kossuth-díjas

Origin of man and prehistoric man. Term tud kozl 6 no.12:541-542 D '62.

1. "Termesztudományi Kozlony" szerkeszto bizottsaganak elnoke.

MULLER, M.; TOTH, J.; ~~TORO, I.~~

Studies on feeding and digestion in protozoa. IV. Acid phosphatase and nonspecific esterase activity of food vacuoles in amoeba proteus. Acta biol. acad. sci. Hung. 13 no.1:105-116 '62.

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

TORO, Imre, akadémikus, egyetemi tanár

The "artificial" human embryo. Magyar tud 69 no.2:81-86
F '62.

1. Budapesti Orvostudományi Egyetem.

[FOIA(b)(7)]

TOPD, Inc. Sr: [no affiliation given]

14 April 1963."

Budapest, Orvosi Hetilap, Vol 104, No 13, 31 Mar 63, pages 577-578.

Abstract: The article is a commemoration of the 15. anniversary of Hungary's "liberation" by Russian troops. The role and duties of the physicians in the socialistic development are also discussed. No references.

POSAJNY, Zoltan; BUKULYA, Bela; TORO, Imre; CSAKI, Laszlo

Determination of the effect of thymectomy on spermatogenesis by the measurement of P32 incorporation into testicular nucleic acids and phosphorus fractions in the rat. Kiserl. orvostud. 15 no.6:592-598 D '63.

1. MTA Kiserleti Orvostudományi Kutató Intézet Morfológiai Osztálya, Budapest.

(SPERMATOCYTES) (DNA) (PHOSPHORUS ISOTOPES)
(THYMUS) (PHYSIOLOGY) (TESTIS) (RNA)

CSABA, G.; TCRÓ, I. LERNAD, 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.

TORO, I.; RAPPAY, G.

Quantitative studies of the nucleoprotein content of erythrocytes
from healthy and virus-infected chicken. Acta biol. acad. sci.
Hung. 15 no.3:265-269 '65

1. Institute of Histology and Embryology, Medical University,
Budapest (Head: I. Toro) and Department of Morphology, Experimen-
tal Medical Research Institute, Hungarian Academy of Sciences,
Budapest (Head: I. Toro).

TORO, Imre, dr.

Cellular self-defense of the organism. Orv. hetil. 106 no. 3/4:
1441-1450 1 Ag'65.

1. Budapesti Orvostudományi Egyetem, Szövet- és Fejlődéstan Intézet (igazgató: Toro, Imre, dr. egyetemi tanár).

TORO, Imre, dr., Kossuth-dijas akadémikus, egyetemi tanár

Immunochemical control of the organism and the thymus. Term
tud közl 9 no.3:99-103 Mr '65.

1. Chairman, Board of Editors, "Természettudományi Közlemény",
Budapest.

TORO, Imre, dr., Kossuth-dijas akademikus

On the eve of the meeting of the delegates of the Society for the Propagation of Scientific Knowledge. Term tud kozl 8 no.5:193-194 My'64.

1. Chairman, National Presidium, Society for the Propagation of Scientific Knowledge, Budapest; editorial board chairman, "Termeszettudományi Kozlony."

MULLER, M.; TORO, I.; POLGAR, Mariann; DRUGA, Alice

Studies on feeding and digestion in protozoa. Acta biol Hung
14 no.3:209-213 '63.

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

*

TORO, Imre, akadémikus, egyetemi tanár

Cytology and possibilities for its development in Hungary. *Magy*
tud 70 no.11:757-763 N '63.

1. Budapesti Orvostudományi Egyetem.

TORO, Imre, dr., Kossuth-díjas akadémikus, egyetemi tanár (Budapest)

In commemoration of Mihaly Lenhossek. Term kud kozl 7 no.12:
529-530 D '63.

1. "Termesztudományi Kozlony" szerkeszto bizottsagi elnoke.

TORO, Imre, akadémikus, egyetemi tanár

Some remarks about the activity of the coordination committees.
Magy tud 70 no.8:550-551 Ag '63.

1. Budapesti Orvostudományi Egyetem.

STRAUB, F. Bruno; ERNST, Jeno; JUVANCZ, Ireneus; BALOGH, Janos;
SZENTAGOTHAI, Janos, dr.; TORO, Imre, dr.; BALINT, Andor;
BARTUSZ, Lajos

An account of the 1962 work made by the directorate of the
Biological Section. Biol tud kozl MTA 5 no.3-4:165-202 '62.

1. "A Magyar Tudományos Akademia Biologiai Tudományok Osztálya-
nak Közleményei" szerkesztoje (for Straub). 2. "A Magyar
Tudományos Akademia Biologiai Tudományok Osztályának
Közleményei" szerkeszto bizottsagi tagja (for Szentagothai
and Toro).

TÖRÖ, Imre [Törö, Imre], akad., prof., d-r (Budapest)

Biological manifestations of aging. Priroda Bulg 11 no.5:
3-6-2-0 '62.

1. Rektor na Meditsinskia universitet v Budapest.

*

TORO, Imre, akadémikus, egyetemi tanár

Scem words about the question of experimental animals. Magy
tud 69 no.10:649-654 0 '62.

1. Budapesti Orvostudományi Egyetem.

TORO, Imre, akadémikus; PCSALAKY, Zoltan

Histochemical activity of cytoplasm in absorption processes.
Biol orv kozl MTA 13 no.1-2:11-29 '62.

1. Magyar Tudományos Akadémia Kísérleti Orvostudományi Kutató
Intézete Morfológiai Osztály.



HUNGARY

TORO, Imre; Histological and Embryological Institute (Szövet- és Fejlődés-tani Intézet), Budapest.

"Induction and Morphogenesis."

Budapest, A Magyar Tudományos Akadémia Biológiai Tudományok Osztályának Közleményei, Vol VI, No 1-2, 1963, pages 87-92.

Abstract: Induction and gastrulation are described and the essence of induction is defined. Several investigational approaches and findings are presented by the author. It has been found that induction is not sudden, but a chain reaction. It lends properties to the surrounding tissues which enable their transformation by inner changes. It consists of physical and chemical processes. Induction is investigated: by the use of isotope-physics, to test the material exchange between induction and reaction; by the use of filters of various porosity; by the demonstration of organizer diffusiveness; by electron microscopic tests during infusion and by the isolation and characterization of regional inductor materials in mature tissues. Normal and abnormal induction is discussed and investigations on the analysis of induction in the lense of the eye described in detail. Protoplasm, and several hypotheses concerning the interaction of cell surfaces, are discussed. The article was presented at the meeting of molecular biologists in Tihany, Hungary. No references.

1/1

SZADE CZKY-KARDOSS, Elemer; ZSEBOK, Zoltan, dr.; RUSZNYAK, Istvan, dr.;
ANTALFFY, Gyorgy, dr.; BIHARI, Otto, dr.; CHOLNOKY, Laszlo, dr.;
GRUBER, Jozsef, dr.; HAY, Laszlo, dr.; KESZTYUS, Lorand, dr.;
MAGYARI, Andras, dr.; ORTUTAY, Gyula, dr.; PERENYI, Imre, dr.;
PETRI, Gabor, dr.; POLINSZKY, Karoly, dr.; RAPCSAK, Andras;
TORO, Imre, dr.; ZAMBO, Janos, dr.

Peace to the world! An appeal by the Committee on Science of
the National Peace Council. Term tud kozl 6 no.6:241 Je
'62.

1. Orszagos Beketanacs Tudomanyos Bizottsaganak elinok (for Szadeczký-Kardoss).
2. Orszagos Beketanacs Tudomanyos Bizottsaganak titkara (for Zsebok).
3. Magyar Tudomanyos Akademia elinok (for Rusznyak).
4. Szegedi Tudomanyegyetem rektora (for Antalffy).
5. Pecsí Tudomanyegyetem allamjogi karanak dekanja (for Bihari).
6. Pecsí Orvostudomanyi Egyetem rektora (for Cholnoky).
7. Budapesti Muszaki Egyetem rektora (for Gruber).
8. Marx Karoly Kozgazdasagtudomanyi Egyetem rektora, Budapest (for Hay).
9. Kossuth Lajos Tudomanyegyetem rektora, Debrecen (for Kesztýus).
10. Agrartudomanyi Egyetem rektora (for Magyar).
11. Eotvos Lorand Tudomanyegyetem rektora (for Ortutay).
12. Epitoipari es Kozlekedesi Muszaki Egyetem rektora (for Perenyi).
13. Szegedi Orvostudomanyi Egyetem rektora (for Petri).
14. Veszpremi Vegyipari Egyetem dekanja (for Polinszky).

(To be continued)

SZADECZKY-KARDOSS,---(Continued) Card 2.

15. Kossuth Lajos Tudományegyetem rektorhelyettese, Debrecen
(for Rapcsak). 16. Budapesti Orvostudományi Egyetem rektora
(for Toro). 17. Miskolci Nehézipari Muszaki Egyetem rektora
(for Zambo).

TORO, Imre, dr. (Jr.)

Hormone production and nervous system. Term tud kozl 6 no.11:484-488
N '62.

1. Tudomanyos kutato, Budapest.

ELEK, Tibor, dr., egyetemi tanar; VADASZ, Elemer, dr., ketuzeres Kossuth-dijas akademikus, egyetemi tanar; TORO, Imre, dr., Kossuth-dijas akademikus, egyetemi tanar; AJJESZKY, Laszlo, dr., a fizikai tudomanyok kandidatusa; VARTERESZ, Vilmos, dr.; DOMBAI, Tibor; ALMAR, Ivan, dr., a fizikai tudomanyok kandidatusa

Hungarian scientists' views on the high-atmospheric nuclear tests. Term tud kozl 6 no.8:337-339 Ag '62.

1. Budapesti Muzsaki Egyetem tudomanyos rektorhelyettese (for Elek). 2. Budapesti Orvostudomanyi Egyetem rektora, es "Termeszettudomanyi Kozlony" szerkeszto bizottsagi elnoke (for Toro). 3. Orszagos Meteorologiai Intezet tudomanyos osztalyvezetoje, es "Termeszettudomanyi Kozlony" szerkeszto bizottsagi tagja (for Aujeszky). 4. Frederic Joliot-Curie Kozponti Sugarbiologiai Kutato Intezet igazgatoja, az Orszagos Beketanacs Elnoksegenek tagja (for Varteresz). 5. Magyar Allami Eotvos Lorand Geofizikai Intezet igazgatoja (for Dombai). 6. Tudomanyos Ismeretterjeszto Tarsulat Budapesti csillagaszati es urhajozasi szakostalyanak elnoke (for Almar).

POSALAKY, Z.; BARKA, T.; TORO, J.

Histo-chemical studies on liver tissue culture, with special reference
to behavior of the explant. Acta physiol. hung. 4 Suppl:36-37 1953.
(CIML 25:1)

1. Of the Histo-Embryological Institute of Budapest University.

TORO, Lajosné

Characteristics of germanium diodes with small signals.
Radiotechnika 11 no.9:261 S '61.

STEINER, Tamas; TORO, Lajosne

Germanium diodes with gold needles. Radiotechnika 12 no.4:104-
105 Ap '62.

BOKOR, Zsuzsa, dr.; BOHNSZKY, Gyorgy, dr.; BORE, Magdolna, dr.

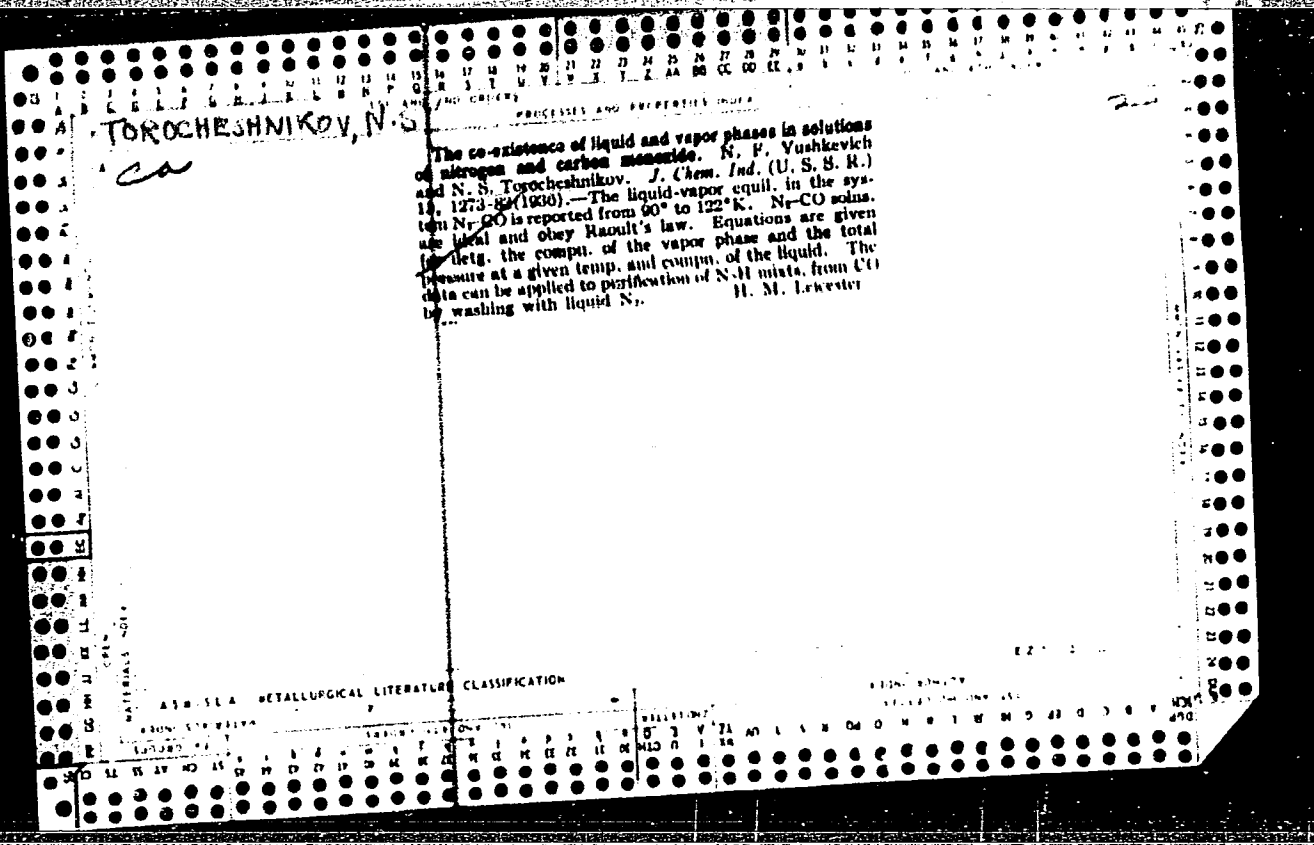
On the diagnostic value of pharmacophonocardiography. *Acta
medil.* 106 no.12:539-543. Mar 21 '65

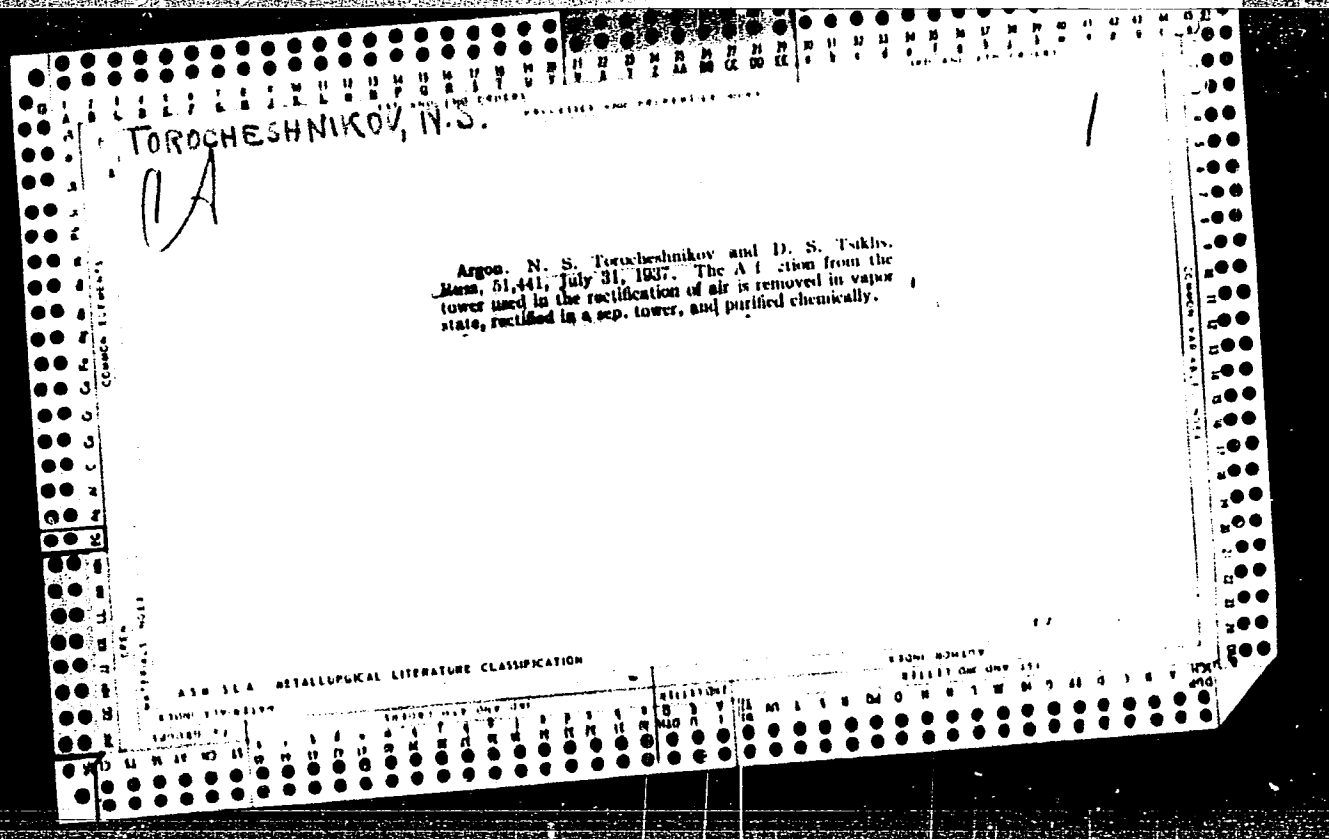
1. Pécsi Orvostudományi Egyetem, I. Belklinika (igazgató:
Barta, Imre, dr.)

BOKOR, Suzsa, dr.; BUCHENSZKY, György, dr.; TÓRÓ, Magdolna, dr.

On the diagnostic value of pharmacophonocardiography. Orv.
hetil. 106 no.12:539-541 21 Mr '65

I. Felső Orvostudományi Egyetem, I. Belklinika (igazgató:
Barta, Imre, dr.).





PROCESSES AND PROPERTIES INDEX

TOROCHESHNIKOV, N. S.

2

isotherms and isobars of the nitrogen-carbon monoxide system. N. Torocheshnikov. *Tech. Phys. U. S. S. R.*, 4, No. 5, 305-9(1937) (in English).--Isotherms and isobars giving the equil. ratios for the vapor and liquid phases in the system N₂-CO were measured from 70° to 122°K., and 0.5-25 atm. These data are compared at 100°K. with values calcd. from the fugacities of N₂ and CO obtained by the equation $\log f = \log(p \rightarrow 0.106p^2) - (2.16p + 0.0262p^2)(1/T - 0.008)$. The said. vapor pressures for N₂ and CO were computed from equations given, resp., by Dodge and Davis (*C. A.* 21, 1732) and Crommelin, Bijleveld and Brown (*C. A.* 26, 2904).

John W. Knowlton

METALLURGICAL LITERATURE CLASSIFICATION

A 538-514

TOIROCHESHTNIKOVA, N.S.

Increasing the coefficient of removal of argon from air
 N. S. Toirocheshtnikoy and V. A. Pishova. *Uchenye Zapiski
 Kazanskogo Universiteta, Seriya Khimicheskie Nauki*, No. 2, 1973, 101-103. The liquid gas equilibrium
 for mixtures of Ar, N₂ and O₂ is studied at 90° K and 1.5, 2.5,
 5.0 and 10 kg/cm² pressure. The system does not obey the
 Raoult gas laws. At 5 kg/cm² and 68% O₂, 20.2% Ar
 and 11.8% N₂, the content of Ar in the gas, liquid and original
 mixture is the same. Below 5 kg/cm² more Ar is found
 in the gas than in the liquid phase. In industrial applications
 Ar should be collected from the gas phase. H. M. 1.

ASB-354 METALLURGICAL LITERATURE CLASSIFICATION

ПРОЦЕССЫ И СВОЙСТВА

PROCEDURES AND PROPERTIES

CA

Compressing gases containing several components at low temperature. N. S. Forocheshnikov and Ye. N. Gurevich. *J. Chem. Ind. (U. S. S. R.)* 10, No. 5, 7-11 (1941).—When mixts. of H, CH₄, CO and N are compressed, the amt. of H in the vapor phase is decreased and the amts. of CO and CH₄ are increased as the pressure is lowered, but this effect becomes noticeable only below 12-15 atm. Mixts. rich in CH₄ have a higher CH₄ content in the vapor phase, and the H content is somewhat higher than in H-rich mixts. The amt. of H in the vapor affects the compn. of the liquid phase. The CH₄-rich mixts. have more CO in the vapor than H-rich mixts. contg. the same total amt. of CO. In industrial compressors, pressures above 12-15 atm. should not be used because they increase the loss of H. H. M. Leicester

ABB-518 METALLURGICAL LITERATURE CLASSIFICATION

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TOROCHESHNIKOV, N. S.

Fotinich, I. D.

Production of concentrated nitric acid. I. D. Fotinich. Reviewed by N. S. Torocheshnikov. Sov. kniga No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.