FISCHER, J.; CSAKI, P.

Analysis of reaction curves by extreme values. Acta med. Hung. 18 no.3:363-370 '62.

1. Biometrical Department, Mathematical Institute of the Hungarian Academy of Sciences, Budapest.
(STATISTICS)

SZEKELY, J.I.; CSAKI, P.; DEMETER, Agnes

Mathematical analysis of the electroencephalograms of neurotic rats. Acta physiol. acad. sci. Hung. 26 no.1:117-121 '65

1. Institute of Physiology, University Medical School, Budapest, and Biometrical Division, Mathematical Research Institute, Hungarian Academy of Sciences, Budapest.

HUNGARY

SZEKELY, Jozsef, Ivan, Dr. CSAKI, Peter: Medical University of Budapest, Institute of Physiology (director: BALINT, Peter, Dr., professor) (Budapesti Orvostudomanyi Egyetem, Elettani Intezet), and Hungarian Academy of Sciences, Mathematical Research Institute, Department of Biometry (director: RENYI, Alfred, Dr., professor) (MTA -- Magyar Tudomanyos Akademia --, Matematikai Kutato Intezet, Biometriai Osztaly).

"Method for the Measurement of Synchronization of the EEG Graphs."

Budapest, Ideggyogyaszati Szemle, Vol XIX, No 4, Apr 66, pages 126-128.

Abstract: A mathematical formula is presented for the measurement of synchronization of the EEG graphs. It is: $I = \frac{T}{n s^2} \mu V/\text{millisecond}$ where I = synchronization index, $I = \frac{T}{n s^2} \mu V/\text{millisecond}$ where $I = \text{the area limited by the isoelectric line or an approximation of it, } n = \text{frequency, } s = \text{scattering of the distance between peaks. The EEG of a 29 year old subject, taken with closed eyes and rich in <math>\alpha$ waves, was desynchronized in α sequences with gradually weakened 1000 Hz sound stimulation. The results of the experiment, evaluated by using the method described, are presented in the article. I Hungarian, 3 Western references.

1/1

SZASZ, G.; CZIRBESZ, Zsuzsa; CSAKI, P.

Determination of the enzymatic activity in childhood. IV. Beta glucuronidase in the serum and urine in nephrotic syndrome. Acta paediat. Acad. sci. Hung. 5 no.38349-365 *64

1. Universitatskinderklinik Frankfurt a.Main., Heim Fal-Kin-derkrankenhaus, Budapest, und Biometrische Abteilung des Methematischen Forschungsinstitut der Ungarischen Akademie der Wissenschaften, Budapest.

SZASZ, G.; CZIRBESZ, Zsuzsa; KIRALY, L.; CSAKI, P.

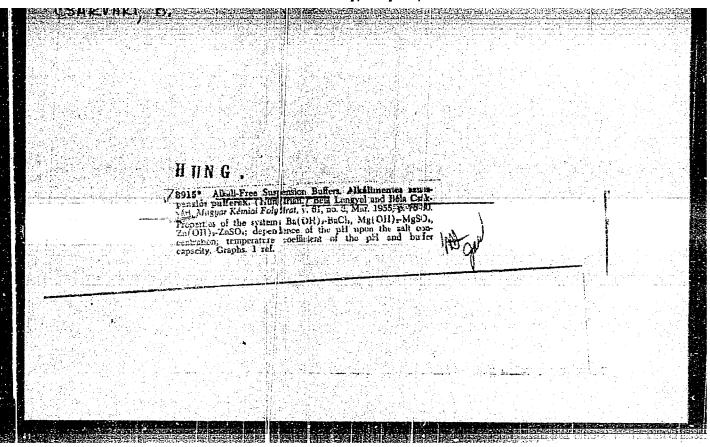
Determination of the enzymatic activity in childhood. V. Serum cholinesterase in nephrotic syndrome. Acta paediat. Acad. sci. Hung. 5 no.3:367-390 *64

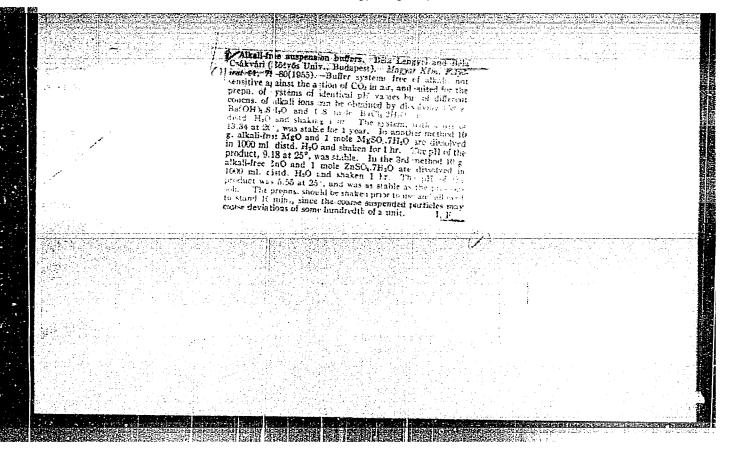
1. Heim Pal-Kinderkrankenhaus und Biometrische Abteilung des Mathematischen Forschungsinstituts der Ungerischen Akademie der Wissenschaften, Budapest.

LENGYEL, Bela, a kemiai tudomanyok doktora (Budapest); CSAKVARI, Bela (Budapest)

The alkaline error of the glass electrode. II. Effect of the glass composition on the alkaline error. Kem tud kozl MTA 14 no.1:55-61 '60. (EEAI 9:12)

l. Ectvos Lorand Tudomanyegyetem Altalanos es Szervetlen Kemiai Intezete, Budapest.
(Glass) (Electrodes)





HUNGARY/Laboratory Equipment. Instrumentation.

Abs Jour: Ref Mhur-Khim., No 24, 1958, 81416.

negative error occur, certain acceptors are substituted by others that possess different bondage energies with the protons, and thus causes the electrode potential to change. The experiments demonstrated that in concentrated solutions of HCl and HClO4 the error is the function of time, provided that the solutions contain undissociated acid molecules. The authors explain the dependency of this phenomenon by the difference of HCl concentration and particularly by the fact that HCl molecules do penetrate into the layer of swelling and that the penetration rate depends on the concentration of the adsorbed layer. -- S. Rosenfel d.

Card : 2/2

43

CSAK MRI, B ; MURANIL, S.

The temperature of dependence of the alkaline error of lithium glass electrode.

p. 97 (Magyar Kemikusok Egysuiæte) Budapæst, Vol. 63. no. 4/5 Arr./May 1957

SO; Monthly index of East European Assessions (AEEI) Vol. 6, No. 11 November 1957

Csakvari, B.; Szomolanyi, J.

Problem of material management in the building - and the building - material industry. p. 111.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 4, 1959.

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

LENGYEL, Bela, Prof., dr. (Budapest VIII, Muzeum korut 6-8); CSAKVARI, Bela (Budapest VIII, Muzeum korut 6-8); BOKSAY, Zoltan (Budapest VIII, Muzeum korut 6-8)

Data on the alkal error of theglass electrode. I. The problem of interpretation of the alkali error. Acta chimica Hung 25 no.2:225-(EEAI 10:4) 242 '60.

1. Institute of General and Inorganic Chemistry, L. Eotvos University, Budapest.
(Sodium) (H

(Errors, Theory of) (Electrodes) (Cations) (Glass) (Ion exchange)

CSAKVARI, Bela; HALMOS, Teres; TOROK, Perenc

An account of the Dresden Conference on Silicon Chemistry. Kem tud kozl 20 no.3:410-413 163.

l. Ectvos Lorand Tudomanyegyetam Altalanos es Szervetlen Kemiai Tanszeke, Budapest.

LENGYEL, Bela, prof., dr. (Budapest, VIII., Muzeum korut 6-8) CSAKVARI, Bela (Budapest, VIII., Muzeum korut 6-8)

On the direct synthesis of methyl chloro silanes. Pt.1. Acta chimica Hung 39 no.1:27-32 163.

- 1. Institute of General and Inorganic Chemistry, L. Ectvos University, Budapest, and Research Group for Inorganic Chemistry of the Academy of Sciences, Budapest.
- 2. Editorial board member, "Acta Chimica Academiae Scientiarum Hungaricae" (for Lengyel).

ACCESSION NR: AT4009523

H/2502/63/039/001/0033/0037

AUTHOR: Csakvari, B.; Garzo, G.; Jenei, S.

TITLE: On the Direct Synthesis of Methylchlorosilanes

SOURCE: Academia scientiarum hungaricae. Acta chimica, m v. 39, no. 1, 1963, 33-37

TOPIC TAGS: silane, silane production, silicon compound, dichlorosilane, methylchlorosilane

ABSTRACT: Methylchlorosilanes were obtained by methylating dichlorosilane (SiH sub 2 Cl sub 2), which, in turn, is a decomposition product of trichlorosilane (SiHCl sub 3). An apparatus shown in ENCLOSURE ()1 was used. HCl gas, mixed with varying amounts of BCl sub 3 catalyst was introduced into reactor A, where they were agitated and reacted with an 80:20 Si-Cu alloy contact mass. A mixture of chlorosilanes was formed. It contained 35% dichlorosilane by weight, proving that this was an intermediate substance in the formation of methylchlorosilane (CH sub 3 SiHCl sub 2). The mixture was drawn off, mixed with CH sub 3 Cl, and conducted into reactor B. There it was again brought into contact with an Si-Cu alloy.

Cord 1/3

ACCESSION NR: AT4009523

Reactors A and B were operated at 300°C. From B, the products were conducted to a cooler and separated by fractional distillation from CH sub 3 Cl. The amounts of reagents and catalyst used and product compositions are tabulated. The effectiveness of the BCl sub 3 catalyst is evident; BCl sub 3 also catalyzed the equilibrium rearrangement of methylchlorosilanes and tetrachlorosilane. Later, a single reactor (described in Acta Chimica Hungar. v. 39, p. 27) was used instead of reactors A and B. This was simpler and more practical, although the product yield was not as good as with the two-reactor arrangement. Enclosures; Ol. Original artile has: 1 diagram, 1 table, 1 graph.

ASSOCIATION: Ectvos Lorand Tudomanyegyetem, Altalanos es Szervetleh-Kemisi Intezet (Institute of general and inorganic chemistry, L. Ectvos university); Budapest and Magyar Tudomanyos Akademia, Szervetlen Kemiai Kutatocsoport (Research group for inorganic chemistry, Hungarian academy of sciences)

SUBMITTED: 18May63

DATE ACQ: 24Jan64

ENCL: 01

SUB CODE: GC

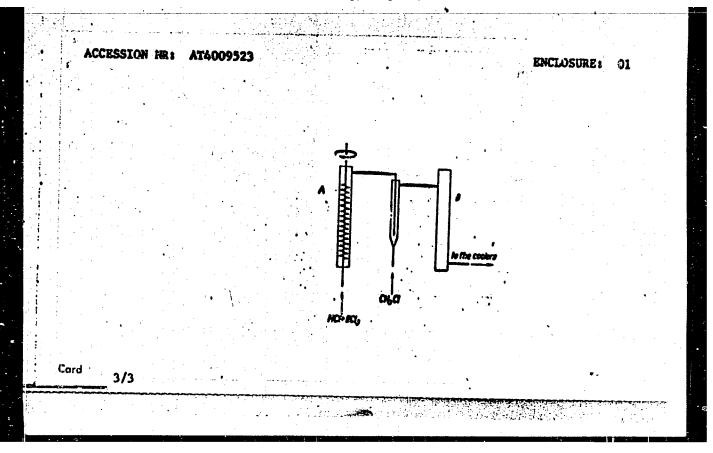
NO REF SOV: CO3

OTHER: 007

Card

2/3

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00030933



CSAKVARI, Bela, a kemiai tudomanyok kandidatusa

An account of my study trip to Czechoslovakia. Kem tud kozl MTA 22 no.3/4:451-452 64.

1. Chair of General and Inorganic Chemistry, Lorand Ectvos University, Budapest, and Research Group on Inorganic Chemistry, Hungarian Academy of Sciences, Budapest.

Oxygen ion activity of borate glass melts. Magy kem folyoir 70 no.9:400-403 S *64.

1. Chair of General and Inorganic Chemistry, Lorand Ectvos University, Budapest, and Research Group of Inorganic Chemistry, Hungarian Academy of Sciences, Emapest.

L 07014-67 ACC NR: AT7001013 SOURCE CODE: HU/2502/65/046/002/0151/0157 AUTHOR: Bokshai, Z., (Dr.); Bouquet, Gusztav-Buke, G. (Dr.), and Csakvari, ಇ೩ Bela, -- Chakvari, B. (Dr.) ORG: Institute for General and Inorganic Chemistry at L. Ectvos University, and Research Group for Inorganic Chemistry at the Hungarian Academy of Sciences (Original-language versions not given), both in Budapest "Interpretation of Jordan's Equation Introduced for the Calculation of the Alkaline Error of Glass Electrodes' Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 46, No 2, 5 Dec 1965, pp 151-15/. Abstract: [English article] The constants in the equation described by JORDAN, D. O., (Trans, Farad. Soc., Vol 34, 1938, p 1305) were interpreted in terms of factors and coordinate relations determined by thermodynamic functions and average activity coefficients of the solutions. Alkaline error values for glass electrodes were calculated with the aid of this equation and it was found that these values correlate well with experimentally established figures. Orig. art. has: 1 figure, 24 formulas and 3 tables. [JPRS: 33,906] TOPIC TASS: glass electrode, electrochemistry SUB CODE: 07,09 / SUBM DATE: 29Mar65 / ORIG REF: 003 / SOV REF: 001 / OTH REF: Card 1/1 -29/2

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00030933

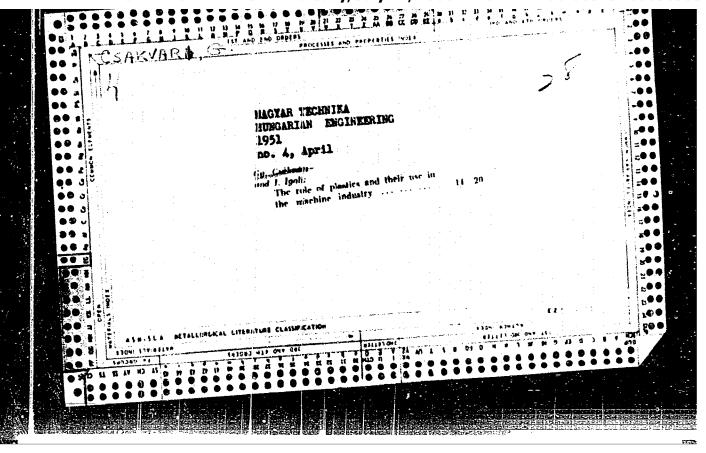
L 46222-66 EWP(j) ACC NA: AT6034082 SOURCE CODE: HU/2502/65/045/001/0031/0036 AUTHOR: Caakvari, Bela-Chakvari, B.; Jenei, Sandor-Yenem, Sh.; Knausz, Dezao-Knaus, D.; Telegdi, Lajos B+1 ORG: Department of General and Inorganic Chemistry, Ectvos Lorand University (Ectvos Lorand Tudomanyegyetem, Altalanos es Szervetlen Kemiai Tanszek); Research Group of Inorganic Chemistry, Hungarian Academy of Sciences, Budapest (Magyar Tudomanyos Akademia: Szervetlen Kemiai Kutatocsoport) TIME: Direct synthesis of alkylchlorosilanes III. Synthesis of ethylchlorosilanes from a mixture of ethyl chloride and gaseous hydrogen chloride SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 1, 1965, 31-36 TOPIC TAGS: silane, chemical synthesis ABSTRACT: Experimental evidence has been gathered to show that the interaction of trichlorosilane and ethyl chloride results in the formation of trichloroethylsilane. This reaction plays an important role in the direct synthesis of ethylchlorosilanes from a gaseous mixture of hydrogen chloride and ethyl chloride. Orig. art. has: 4 figures and 2 tables [Orig. art. in Eng.] [JPRS: 33,540] SUB CODE: 07 / SUBM DATE: 270ct64 / ORIG REF: 003 / SOV REF: 005 OTH REF: 003 Cord 1/1 mjs

L 00716-67 T. DS HU/2502/66/048/001/0001/0009 ACC NR: AT6035440 CSAKVARI, B., DOBOS, S., and PEKIRI-KEREPESI, M., Department of General and Inorganic Chemistry, L. Ectvos University, and Research Group for Inorganic Chemistry, Hungarian Academy of Sciences, Budapest [Original-language version not given]. Alkaline Error of Glass Electrodes, IV. Investigation of the Alkaline Error Caused by Lithiu. Ions." Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 48, No 1, 1966; pp 1 -9. Abstract [Authors English summary, modified; Article in German]: The activity coefficient of the lithium ions in the surface layer of the glass depends on the composition of the layer determining the potential, i.e. on the molar fraction of lithium ions in the surface layer, Holar fractions calculated from measured e.m.f. data mere compared with the quantity of lithium ions penetrating into the surface layer of glass, in order to acquire further data regarding the operation of glass electrodes. Orig. art. has: 4 figures, 17 formulas and 3 tables. DPRS: 36,8627 TOPIC TACS: glass electrode, lithium compound SUB CODE: 07,09 / SUBH DATE: 01 Jun 65 / ORIG REF: 005 / OTH REF: SOY REF: 001 vl: -092

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00030933

45351-66 ACC NR: AT6033611 SOURCE CODE: HU/2502/65/043/002/0177/0185 AUTHOR: Lengyel, Bela-Lendel, B. (Doctor; Professor; Budapest); Csakvari, Bela-Chakvari, B. (Doctor; Professor; Budapest); Toperczer, Johanna-Topertser, Y. (Doctor; Budapest) Bt/ ORG: [Lengyel; Csakvari] Department of General and Inorganic Chemistry, Ectvos Lorand University, Budapest (Ectvcs Lorand Tudomanyegyetem, Altalanos es Szervetlen Kemiai Tanszek); [Toperczer] Oncological Institute, Budapest (Onkologiai Intezet) TITIE: Alkaline error of the glass electrodes. III. New data on the interpretationof the alkaline error SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 177-185 TOPIC TAGS: electrochemical analysis, glass electrode ABSTRACT: The mole fraction of sodium ions present in the surface layer of the MacInnes-Dole glass was determined by the radiochemical tracer method (using 24Na) and the results were compared with mole fractions calculated from measured values of electromotive force. The rather good agreement between the mole fractions can be considered as an experimental proof of the theory proposed by the authors for the quantitative interpretation of the alkaline error. Orig. art. has: 2 figures. 20 formulas and 1 table. [Based on authors Eng. abst.] [JPRS: 33.546] SUB CODE: 07, 09 / SUBM DATE: 24Nov64 / ORIGREF: 002 / OTH REF: 006 ced 1/1 awn 7655 0 920



CSAKY, Gergely, dr., MISKOLCZYNE HORVATH, Gabriella

Data on the causes and liquidation of infection with Enterobius vermicularis in children's communities. Orv. hetil. 102 no.20:934-937 14 My '61.

1. Hajdu-Bihar Megyei Kezegeszsegugyi-Jarvagyugyi Allomas, Debrecem.

(OXYURIASIS in inf & child)

CSAKY, Gergely, dr.; BOJAN, Maria, dr.

Fatal familial food poisoning caused by Salmonella typhimurium in hen eggs. Orv. hetil. 103 no.29:1371-1376 22 Jl *62.

1. Hajdu-Bihar megyei Kozegeszsegugyi -- Jarvanyugyi Allomas, Debrecen. (SALMONELLA INFECTIONS case reports) (EGGS microbiol)

CSAKY, Gergely, dr.; BOJAN, Maria, dr.

Fatal familial food pelsoning caused by Salmonella typhimurium in hen eggs. Orv. hetil. 103 no.29:1371-1376 Jl '62.

1. Hajda-Bihar megyei Kozegeszsegugyi — Jarvanyugyi Allomas, Debrecen.

(SALMONELLA INFECTIONS case reports) (EGGS microbiol)

CSMH, Gyorgy, dr.; HAGY, Istvan, dr.; KOVACSNE SZABO, Ilona; CSAKY, Gyorgy, dr.

Influencing of the serum properdin levels of patients with neoplasses by parenteral administration of symosan. Orv. hetil. 101 no.7:222-225 F '60.

1. Gyogysseripari Kutato Inteset, Biokemiai Osstaly es XIII. ker. Szakorvosi Rendelomteset.

(POLYSACCHARIDES pharmacol.) (HEOPIASMS blood) (PROPERIDIE)

CSAKY, Oyorgy; HANCSOK, Marius; HAGY, Istvan; CSHH, Gyorgy

Therapeutic experiments in connection with symosan therapy of late toxemias (preliminary report). Magy.noorv.lap. 20 no.6: 373-375 N '59.

1. Fovarosi Janos korhaz II. szuleszeti es nogyogyaszati osztalyanak közlemenye (Igazgato: Mako Jozsef dr. Oszt. vez. foorvos: Hancsok Marius dr.).

(PREGNANCY TOXENIAS ther) (POLYMACCHARIDES ther)

KUDELKA, Denesne; CSAKY, Ida

Investigations in conjunction with drying brick and roof tile materials. Epitoanyag 12 no.12:451-454 D '60.

HUNGARY

PALYI, Iren, Dr., TOTH, Geza, CSAKY, Laszlo, AFRA, Denes, Dr., ZOLTAN, Laszlo, Dr.; Eudapest Medical University, Institute of Histology and Development (Bulapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezeta) (director: TORO, Imre, Dr., academicien), National Neurosurgical Scientific Institute (Crszagos Idegsebeszeti Tudomanyos Intezet) (director: ZOLTAN, Laszlo, Dr).

"Behavior of Gliomas in Tissue Culture II. Effect of X-Rays on the Phosphorus Metabolism of Glioma Cultures."

Budapest, Identivoryaszati Szemle, Vol XIV, No 3, Mar 63, pages 93-96.

Abstract: [Authors' Hungarian summary] Phosphate metabolic tests were carried out on glioma tissue cultures 6 and 22 hours after single irradiation of the tissue with 6000 r. The irradiated cultures showed elevated activity in acid-soluble phosphorus fractions than did the controls. The activity of the lipid and DNA (deoxyriconucleic acid) fractions, on the other hand, was lower than that of the controls. Normal tissues show no consequent changes in their phosphorus metabolism after irradiation with single large doses of X-rays. 2 Hungarian, 18 Western references.

15

GYEVAI, Angela; TOTH, Geza; CSAKY, Laszlo

P32 in the study on heart metabolism in rats receiving corhomon and isolanid. Kiserl. orvostud. 14 no.1:68-73 Mr 162.

1. MTA KOKI Morphologiai Osztalya es Orvostudomanyi Egyetem Szovetes Fejlodesteni Intezete, Budapest.

(MYOCARDIUM metab) (PHOSPHORUS radioactive)

(HEART extract) (DIGITALIS pharmacol)

PALYI, Iren, dr.; TOTH, Geza, CSAKY, Laszlo; AFRA, Denes, dr.; ZOLTAN, Laszlo, dr.

Behavior of gliomas in tissue culture. II. The effect of x-ray on the phosphorus metabolism of glioma cultures. Ideggyogy. szemle 16 no.3:93-96 Mr 163.

1. Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezete (Igazgato: Toro Imre dr. akademikus), Orszagos ldegsebeszeti Tudomanyos Intezet (Igazgato: Zoltan Laszlo dr.) kozlemenye.

(GLIOBLASTOMA MULTIFORME) (RADIATION RFFECTS)

(ASTROCYTOMA) (TISSUE CULTURE) (PHOSPHORUS) (DNA

RUMANIA

576.8.097.35-085.371

TOPCIU, VI., PLAVOSIN-BABUSCEAC, Livia, CSAKY, N., RADU, M., VOICULESCU, D., TRANDAFIRESCU, Virginia, NICOLAU, I., STEFAN, Margareta, COMSULEA, Lia, and KECSKES, Elisabeta, of the Institute of Hygiene and Public Health (Institutul de Igiena si Sanatate Publica), Timisoara.

"The Evolution of Antivariolic Postvaccinal Immunity in Different Age Groups Expressed by the Titer of Agglutination Inhibition Antibodies."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 4, 66, pp 317-321.

Abstract: In a study of 1,074 sera from persons of various ages, 84.3 percent contained various amounts of antivaccine hemagglutinating antibodies. The curve of average titer versus age shows 4 peaks corresponding to maternal antibodies, first vaccination, revaccination at 7 years, and revaccination in the armed services. Small titers of the antibodies persist throughout life, with higher levels for approximately 3 years following vaccination.
Includes 2 figures and 9 references, of which 2 Russian,

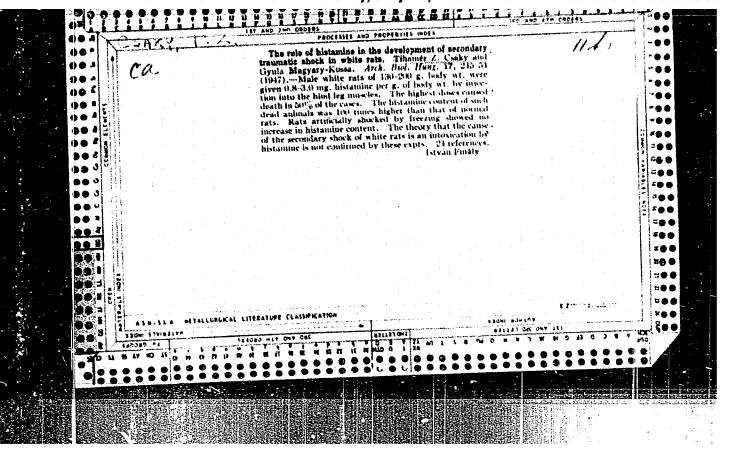
3 German and 4 Western.

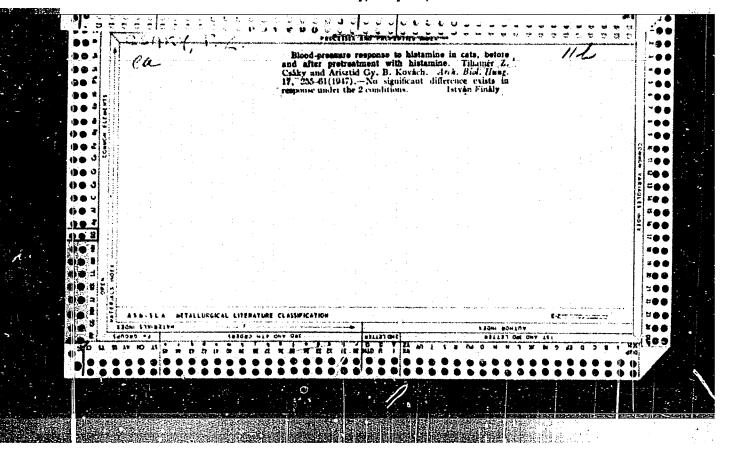
1/1

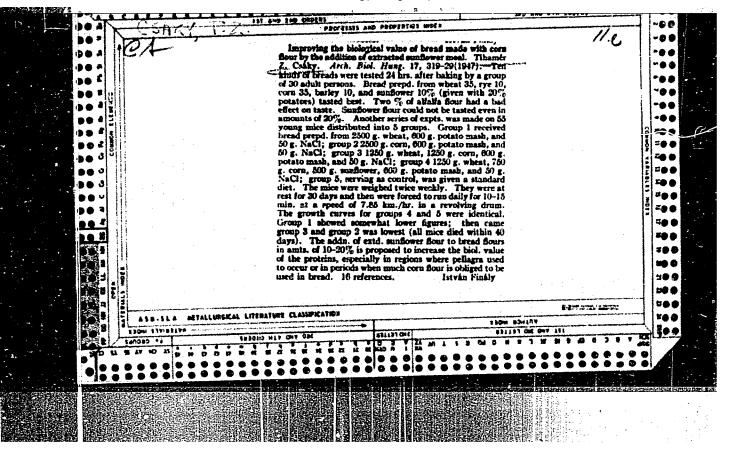
CSAKY, Nicolae, dr.

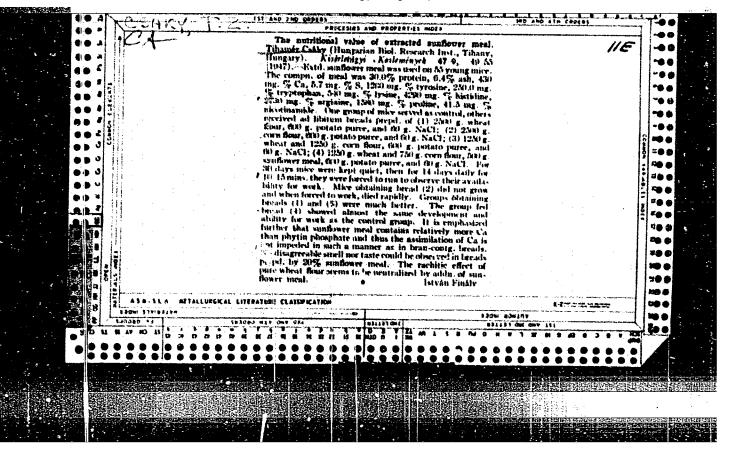
Cancer in the test tube. St si Teh Buc 17 no.3:40-41 Mr 165.

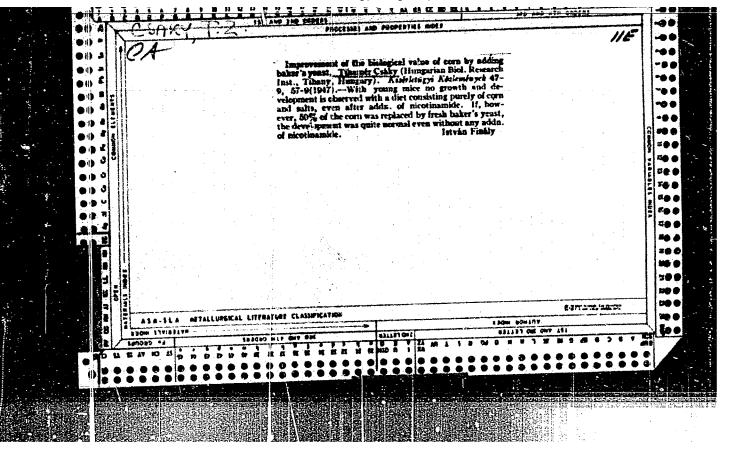
1. I.M.T.-Inframicrobiology, Timisoara.

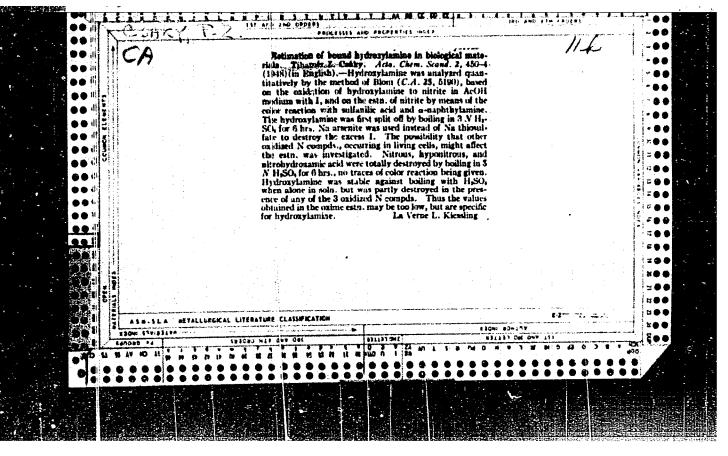


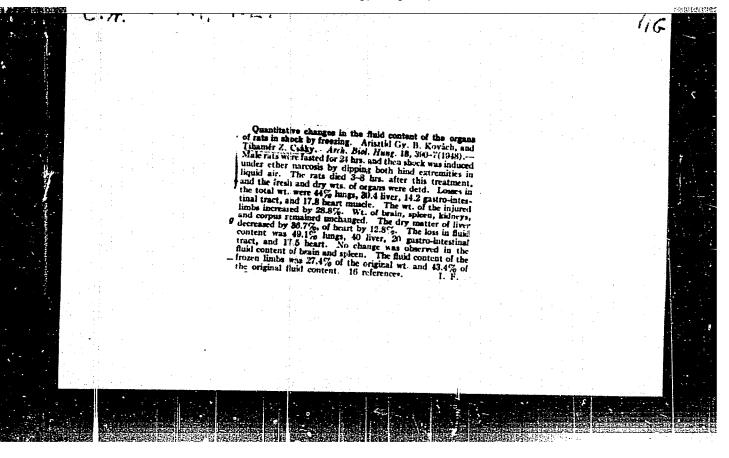












"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00030933

