

HERTER, Robert

Gas economy. Ipari energia 5 no.2:48 F '64.

CUTEDI, Spiridon, ing.; M&MIA, Rodica, ing.

Use of Rumanian synthetic rubber for manufacturing black lacquered shoes. Industria usoara 12 no.2:72-75 F '65.

1. "Cauciucul Quadrat" Enterprise.

HERTLOVA, Jana

Development of the participation of workers in work
standardization. Prace mzda 12 no.5:205-206 My '64.

HERTLOVA, Jana

Tasks of labor sections in Soviet enterprises. Prace mzda
12 no.10:472-475 0 '64.

RUMANIA/General Problems of Pathology - Tumors. Tumor of Man. U.

Abs Jour : Ref Jour - Biol., No 21, 1950, 98305

Author : Ionescu, V. Stanicioiu, Gh.; Strimbeanu, I; Hertner, Alex

Inst : -

Title : Adenocarcinoma and Follicular Cyst of Lower Jaw.

Orig Pub : Stomatologiya, 1956, 3, No 4, 359-361

Abstract : No abstract.

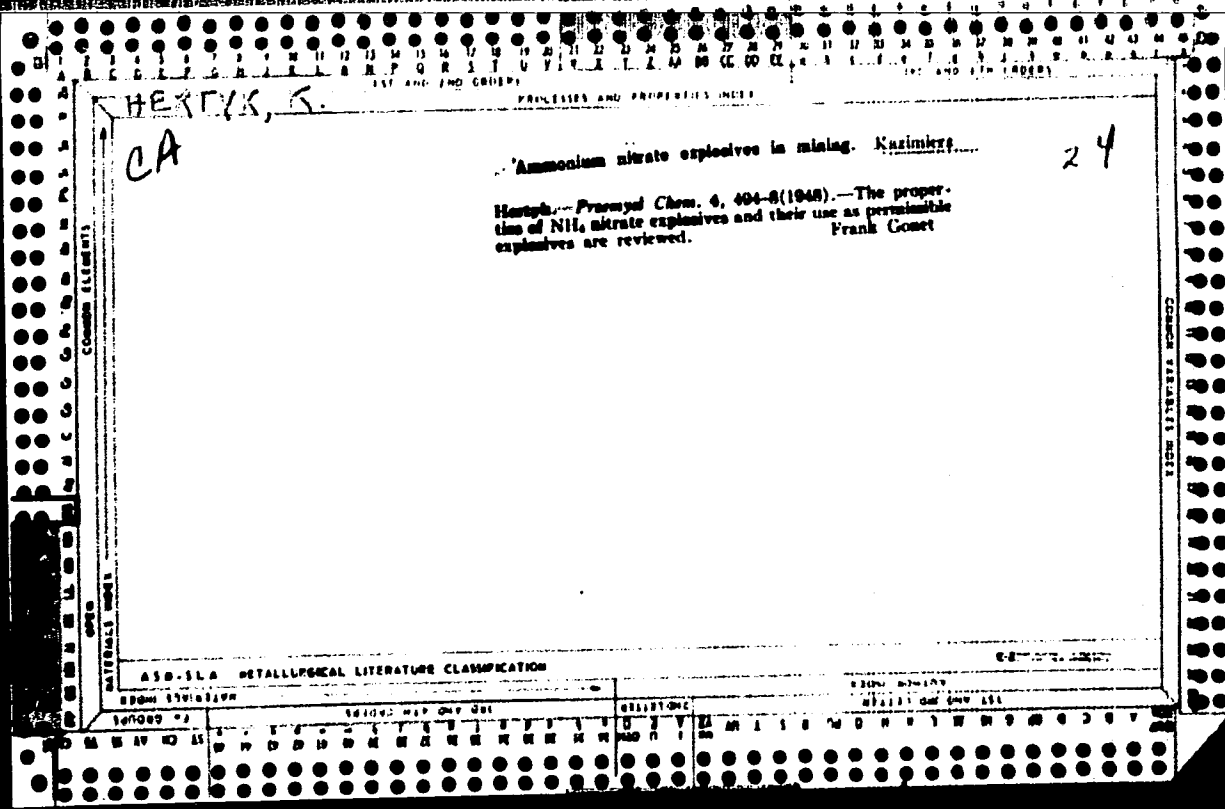
Card 1/1

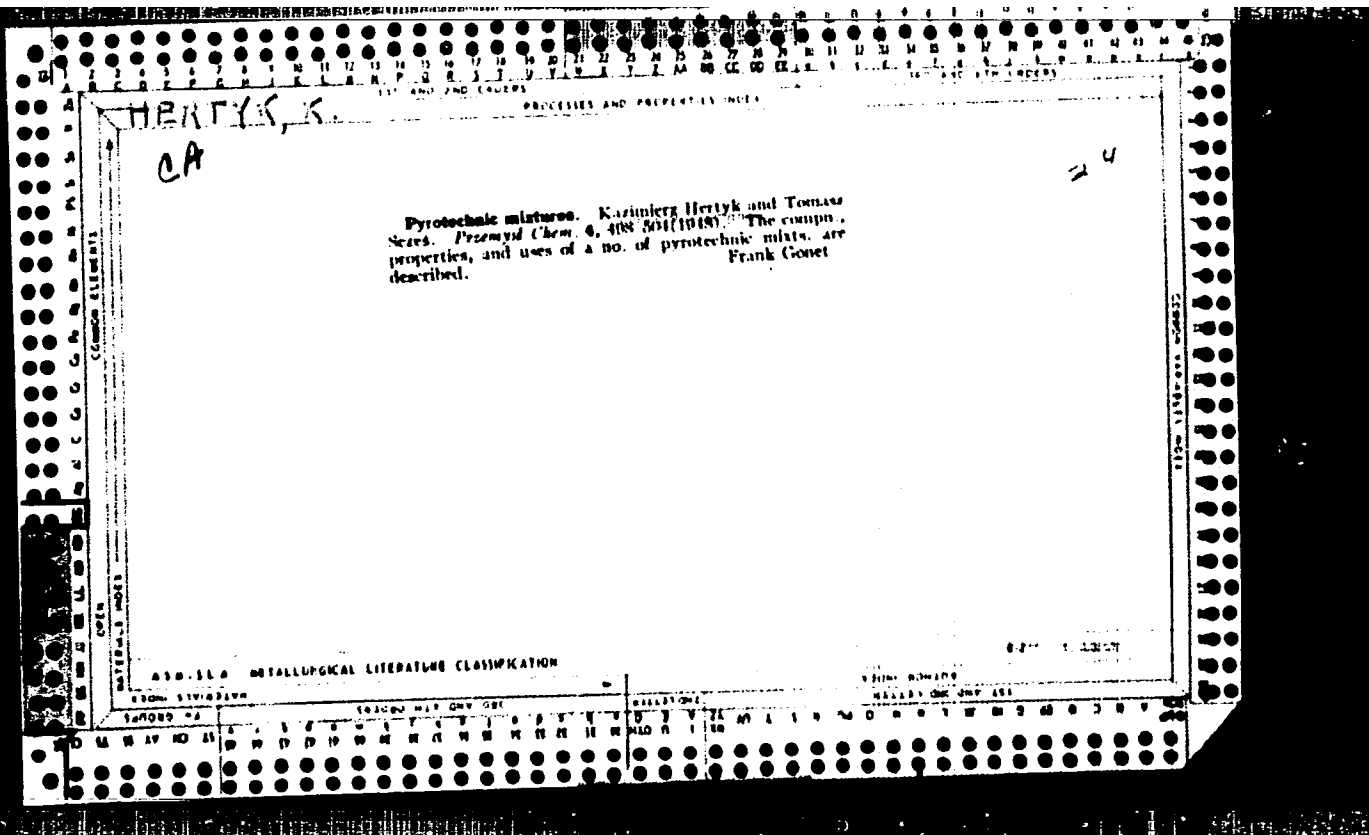
CAIMANOVICI, Bella; IONESCU, Fl.; HERTOG, Ana-Maria; MATEESCU, Mihaela;
BADULA, Elena

Separation of hydrochloric acid from acetic acid by means
of cation exchangers. Rev chimie Min petr 15 no.2:107-110
F '64.

TRATTNER, E.; BEREANU, B.; COSTAN, P.; DOMSA, F.; ENACHE, V.; HERTZOG, L.
1962, 1.

Simulating harvesting campaign and sugar manufacturing by
an electronic duration determination of the manufacturing campaign.
Probleme automatiz 103-201 5 N '62.





HERTZ, A.

Aluminum sulfate from Rumanian clays. A. Hertz.
Rev. chim. (Bucharest) 5, 513-18(1954). Some Rumanian
clays are suitable raw materials for the manuf. of tech.
grade $Al_2(SO_4)_3$. The proposed process involves calcining
the clay at 700° in a rotary kiln prior to H_2SO_4 addn. A
flow sheet of a proposed industrial installation is given.
Gerard Audleger

AD
Jan

HERTZ, PAWEŁ.

Notatki z obu brzegow Wisly. (Wyd. 1. Warszawa) Czytelnik, 1955. 170 p.
(Notes from both banks of the Vistula. 1st ed. illus.)

CU MIDW

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

PTA

HERTZ, Z.

6

1165

539.169 : 542.952.6 : 547.391.3—211

Zielinski W. Hertz Z. Some Phenomena Connected with the Polymerization of Methyl Methacrylate in Glass.

„O pewnych zjawiskach towarzyszących procesowi polimeryzacji metakrylanu metylu w szkle” *Przemysł Chemiczny* No 4 1951, pp 238—240, 2 figs.

Traces of some radioactive elements, derived from glassware, influence the course of polymerization of methyl methacrylate. This observation may be of value for detecting small amounts of radioactive materials.

HERTZ

POLAND/Chemical Technology - Chemical Products and Their
Application - Synthetic Polymers. Plastics.

H.

Abs Jour : Ref Zhur - Khiniya, No 9, 1958, 30819

Author : Hertz, Z. and Jerzykiewicz, A.

Inst :

Title : Epoxide Resins in the Electrical Industry.

Orig Pub : Przegląd Elektrotechn, 31, No 10-11, 641-643, 1955.

Abstract : See RZhKhin, 1957, 9709.

Card 1/1

41

Hertz, Z.

V13020* (Polish.) Materials for Making Shell Molds; Properties, Supply Sources, and Preparation. Materiały do sporządzenia form skorupowych, własności, odbiór i przygotowanie. Zdzisław Hertz and Jan Harpala. Przegląd Odlewnictwa, v. 6, no. 6, June 1958, p. 173-175.

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17/16
waste, Zdzislaw Heczt and Jan Haronik, *Przebieg Cielenosci*,
v. 6, no. 6, June 1959, p. 173-175.
Materials such as sands and resin for shell-mold making;
separating and moistening media; methods of making molds;
official standards for their use per ton of cast iron.

of

COUNTRY : POLAND H
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Synthetic Polymers.*
ABS. JOUR. : RZKhim., No. 23 1958, No. 84043
AUTHOR : Hertz, Z.
INST. : -
TITLE : Preparation of Hard Polyvinylchloride for the
Manufacture of Chemical Apparata
ORIG. PUB. : Przem. chem., 1958, 37, No 9, 609-611
ABSTRACT : A brief review of conference data pertaining
to the manufacture of apparatus from polyvinyl-
chloride used for storage and transport of
chemical products (collectors, process lines,
linings for metal or concrete collectors, com-
prizing tiles made of "viny-plast" and others)
-- L. Sedov.

*Plastics.

CARD:

1/1

HERTZ, Z.

The 9th Inland Poznan Fair, March 18-25, 1962. Polimery tworzy
wielk 7 no.6:226-228 Je '62.

HERTZ, Z.

4th Polish National Symposium: Research on Polymers. Polimery
tworz wielk 7 no.12:437-439 D '62.

HERTZ, Z.

4th National Symposium on Polymerization Research. Przem chem 41
no.12:731-732 D '62.

1947, 1948

For new in the field of plastics. Przeglad techniczny, 28.3.1948.

CHUDZYŃSKI, S.; HEMPEL, K.; HERTZ, Z.

The Thirty-fifth Congress of Industrial Chemistry, Warsaw,
September 16-19, 1964. Polimery tworzyw wielk 10 no.2:78-
85 Y '65.

POLAND

HERTZ-LUKANSKA, Felicja; Chair of Physiological Chemistry, Veterinary College Superior School of Rural Economics (Katedra Chemii Fizjologicznej Wydziału Wet. SGGW,) Head (Kierownik) Prof Dr Stefan NYREK, Warsaw.

"Alpha-Amylase Activity in Equine Serum."

Lublin, Medycyna Weterynaryjna, Vol 21, No 10, Oct 65; pp 605-607.

Abstract [English summary modified] : Colorimetric study of alpha amylase in the blood of 75 horses revealed that amylolytic activity in the equine serum is low before the animals are 8 years old; however, in the erythrocytes, the activity is highest during the lower ages. Two graphs, 3 tables; 1 Czech and 3 Western references.

1/1

- 241 -

DASEWICZ, Janusz; HERTZ-LUKASIA, Felicja

Effect of bloodletting on the behavior of serum iron, copper and ceruloplasmin and erythrocytic copper in frequent blood donors. Pol. arch. med. wewn. 35 no.8:1185-1189 '65.

1. Z Wojewadzkiej Stacji Krwiodawstwa w Zielonej Górze (Kierownik Działu Laboratoryjnego: dr. med. J. Daszyński).

HERUC, V.

HERUC, V.

Asphalt pavement of cut bitumen in repairing the carriage path
of the Varasdin-Turcin highway. p.257.

Vol. 3, No. 7, July 1955 CESTE I MOSTOVI Zagreb, Yugoslavia.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol.5, No.3
March, 1956

HERUC, V.

Experiences in the construction of asphalt roads in Yugoslavia.
p. 249. CESTE I MOSTOVI. (Uprava za ceste NR Hrvatske) Zagreb.
Vol. 4, no. 7. July 1956

SOURCE: East Europe Accession Lists (EEALS),
Library of Congress, Vol. 5, no. 11, Nov. 1956

HERUC, V.

Mechanization in the construction and maintenance of roads. p. 206.

PUT I SAOBRAČAJ. (Društvo za puteve Srbije)
Beograd, Yugoslavia. Vol. 4, no. 7/10, July/Oct. 1959.

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

Incl.

BURIAN, L.; HERUFEK, B.; CERNY, M.

Neuraminic acid in psychoses. Cesk. psychiat. 55 no.3:139-146 June 59.

1. Psychiatricka lecebna v Brne. L.B., Brno, Olomoucka 98.

(AMINO ACIDS, in blood
neuraminic acid in psychoses (Cz))

(PSYCHOSES, blood in
neuraminic acid (Cz))

TAMASI, Pal, dr.,; HERVEI, Sarolta, dr.

Recovery after surgery of laryngeal hemangioma in infants. Ful
orr *gegyogy.* no.3:93-96 Aug 55

1. A Budapesti Lasslo Korhaz Ful-, Orr-, Gegeosztalyanak (foorvos:
Tamasi Pal dr.) es I. Csacsemoosztalyanak (foorvos: Ferencz Pal
dr.) kozlomenye.

(LARYNX, neoplasms,
hemangioma, surg. in inf.)

(ANGIOMA,
larynx, surg. in inf.)

FERENCZ, Pal, dr.,; VIGH, Gyula, dr.,; HERVEI, Sarolta, dr.

Therapy of atrophy in infants at a childrens department of a
hospital. Gyermekgyogyasszat 6 no.7:193-202 July 55.

1. A Fovaros Iaszlo kornhasanak kozlemenye.
(ATROPHY, in infant and child
ther. in children's hosp.)

HUNGARY

MILTENEI, Miklos, Dr, HERVEI, Sarolta, Dr; Medical University of Budapest,
II. Pediatric Clinic (Budapesti Orvostudományi Egyetem, II. Gyermekklinika).

"Neonatal Anemia Caused by Fetomaternal Transfusion."

Budapest, Orvosi Hetilap, Vol 104, No 38, 22 Sep 63, pages 1799-1800.

Abstract: [Authors' Hungarian summary] A case of the recently recognized form of neonatal anemia, which is caused by fetomaternal transfusion, is reported for the first time in Hungary. The diagnosis was based on the determination of the elevated fetal hemoglobin content of the maternal blood. All Western references.

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GERLOCZY, Ferenc, dr.; SCHULER, Dezso, dr.; LETENYEI, Klara, dr.; KISS, Sandor, dr.; HERVEI, Sarolta, dr.

Our observations in a case of hemihypertrophy. Orv. hetil. 106. no.28:1310-1312 11 JI'65.

1. Budapesti Orvostudományi Egyetem, I. Gyermekklinika (igazgató: Gegesi-Kiss, Pal, dr.) és II. Gyermekklinika (igazgató: Pótenyi, Geza, dr.).

GERLOCZY, F.; SCHULER, D.; LETENYEI, Klara; KISS, S.; HERVEI, Sarolta

Hemihypertrophy: 10 years follow-up and chromosomal study. Acta
paediat. acad. sci. Hung. 6 no.3/4:423-428 '65.

1. First Department of Paediatrics, and Second Department of
Paediatrics, University Medical School, Budapest. Submitted
July 31, 1965.

X of 1/4

HERVERT, V.

HERVERT (V.), Pálma s magának Flanico proti smolci pruhá (Ustilago tritici). [A Wheat seed treatment experiment against loose smut (*Ustilago tritici*).]—*Orb. Rus.*, 19-20, 10-11, pp. 78-81, 1947. [Russian summary. Received July, 1940.]

In 1945 at the Plant Protection Institute, Prague, Czechoslovakia, wheat grain of the very susceptible Dótenická, an unnamed German susceptible variety, and the resistant Huron Selection was subjected to three treatments for the control of loose smut (*Ustilago tritici*) [R.A.M., 29, pp. 206, 206, 400, and next abstract]. They were: (1) hot water treatment for two hours at 45° C.; (2) four hours' pre-soaking at 25°, then 10 minutes at 52°; (3) four hours' pre-soaking at 25° and 10 minutes at 51.2°. Treatment (1) reduced the incidence of loose smut in the three varieties by 92, 92, and 100 per cent., respectively. (2) by 100 per cent. in all varieties, and (3) by 98, 99, and 100 per cent. The second method, though most effective, considerably reduced the germination of Huron Selection and the German variety.

HERBERT, V.

"Experiments in Destroying Viruses by Heat and in Provoking Symptoms of Virus Diseases in Beans", p. 33, (PRAESLIA, Vol. 26, No. 1, 1954, Praha, Czech.)

SO: Monthly List of East European Accessions (MEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

Country : CZECHOSLOVAKIA

0

Category: Plant Diseases. Diseases of Cultivated Plants.

Abs Jour: RZhBiol., No 13, 1958, No 82666

Author : Hervert, Vaclav

Inst : Biological Institute, Czechoslovakian AS

Title : Influence of Dry Heat on Germination of Barley and on the Mycelium of Loose Smut (*Ustilago nuda* (Jens.). Restr.) in Barley.

Orig Pub: Ceskosl. biol., 1957, 6, No 6, 466-469

Abstract: Investigations conducted at the Biological Institute of the Czechoslovakian Academy of Sciences (Department of Phytopathology, Prague) indicated that the decisive factor activating a rise in temperature without impairment of germination was the water content

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Country : CZECHOSLOVAKIA

0

Category: Plant Diseases. Diseases in Cultivated Plants

Abs Jour: RZhBiol., No 18, 1958, No 82666

of the grain. The grains were preliminarily dried for 28 hours at 45 degrees (temperature was increased gradually): 1 degree every minute, actually to 5 degrees in 5 minutes). In such a manner the temperature was raised to 95 degrees. Further increases were moderated: 0.5 degrees a minute, actually 5 degrees in 10 minutes. The maximum temperature was 110 degrees. As the experiments indicated in the series at this temperature, germination of the grains was not impaired, but neither was the viability of the mycelium disturbed: in the control 9.2% of the plants were affected with the smut; among the plants subjected to thermal treatment at

Card : 2/3

6

Country : CZECHOSLOVAKIA
Category: Plant Diseases. Diseases in Cultivated Plants.

0

Abs Jour: RZhBiol., No 13, 1958, No 82666

90 degrees -- 9.7%; and among those heated at 110
degrees -- 7.7%. -- G.A. D'yakova

Card : 3/3

CZECHOSLOVAKIA/Plant Diseases.- Diseases of Cultivated Plants. 0.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 34978

Author : Hervert, V.

Inst : -

Title : A Method of Identifying Mycelium Podosphaera Leucotricha (Ellis et Everh.) Salm. In the Buds of the Apple Tree.

Orig Pub : Preslia, 1957, 29, No 2, 220-222.

Abstract : Cuttings of the buds (30 to 40 in thickness) are placed on a piece of gauze between glass slides, and introduced into a concentrated solution of alkali (180 g KOH per 100 mg H₂O). They are then heated for one hour in a thermostat at 170 to 180°C. After rinsing, they are dyed for 1 minute with KJ and 1% of H₂SO₄. Mycelium of the mushroom takes on a reddish-violet color, while plant cells themselves appear dark blue.

Card 1/1

- 12 -

HERVET, V., inz.; KVESEK, Ml., inz.; KVAS, J., inz.; SVOBODA, Fr., inz.,
VIZEK, K., inz.

File foundation of the steel structure of halls of a machine
metallurgy plant in India. Inz stavby 13 no.3:98-107 Mr '65.

HERVY, Tatiana

Microscopic lesions of peritonsillar tissue in clinical cases of chronic tonsillitis. Otolaryngol. polska 10 no.3-4: 443-444 1956.

1. Z Kliniki Otolaryngologicznej A.M. w Gdansk, Dyrektor:
prof. dr. J. Iwaszkiewicz, Gdansk--Wrzeszcz, Debinki 7.
(TONSILLITIS, pathology,
peritonsillar microscopic changes (Pol))

MOZOLEWSKI, Erwin; HERVY, Tatiana; PRZYMANOWSKI, Zbigniew; ZYGRUNTOWICZ,
Zofia

Cortisone in the treatment of esophageal burns. Experimental studies.
Otolar. polska 16 no.2:337-352 '62.

1. Z Kliniki Otolaryngologicznej AM w Gdansk Kierownik: prof. dr
J. Iwaszkiewicz.

(ESOPHAGEAL STENOSIS exper) (CORTISONE exper)

MOZOLEWSKI, Lewin; PRZYMANOWSKI, Zbigniew; HERVY, Tatiana; ZYGMUNTOWICZ,
Zofia.

Corticoids in the treatment of acute esophageal burns. Clinical
observations. Otolaryng. Pol. 18 no.4:479-485 '64

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Gdansk.
(Kierownik: prof. dr. med. J. Iwaszkiewicz).

HERVY, Tatiana; MOZOLEWSKI, Erwin; PRZYMANOWSKI, Zbigniew; ZAWISTOWSKI, Stanislaw; ZEGARSKA, Zofia; ZYGMUNTOWICZ, Zofia.

Antibiotics and corticoids in the treatment of acute esophageal burns. Pol. tyg. lek. 20 no.5:163-166 1 F'65.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Gdansk
(prof. dr. med. J. Iwaszkiewicz) i z Zakladu Histologii i Embriologii Akademii Medycznej w Gdansk (kierownik: prof. dr. med. St. Hiller).

JORDAN, Jozef; KIAJMAN, Stanislaw; HERVY, Tatiana

Comparative studies on the structure of the vestibular fold in Macaca and in man. Folia morph. (Warsz.) 24 no.2:149-153 '65.

1. Z Zakladu Anatomii Prawidlowej AM w Gdansku (Kierownik: prof. dr. W. Lasinski) i z Kliniki Otolaryngologicznej AM w Gdansku (Kierownik: prof. dr. J. Iwaszkiewicz).

KAPUSCINSKA, Elzbieta; HERYNG, Halina

Clinical and autopsy analysis of 550 cases of coronary disease.
Postepy hig. med. dosw. 15 no.6:699-701 '61.

1. Z IV Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik:
prof. dr Z. Askanas.

(CORONARY DISEASE statist)

ZAJACZKOWSKA, Jadwiga; ~~WERYNG, Kazimierz~~; KLOTT, Maria; KRAKOWKA, Pawel;
LANGE, Jadwiga; PIEKARNIAK, Krystin; ZYCH, Dobieslaw

Effect of chemotherapy on the indications for pneumothorax
treatment and on early complications. Gruzlica 24 no.8:707-
718 Aug 56.

1. Z Oddzialow ftyszjatrycznych Instytutu Gruzlicy Kierownik:
doc. dr. W. Jaroszewics. Dyrektor: prof. dr. Janina Misiewics.
(TUBERCULOSIS, PULMONARY, ther.
chemother., eff. on indic. for artif. pneumothorax & on
early compl.)
(PNEUMOTHORAX, ARTIFICIAL
eff. of chemother. on indic. for pneumothorax)

HERYNG, Kazimierz; KONONOWICZ, Irena

Diagnostic difficulties in a case of tuberculosis of the spine & skull base. Gruzlica 25 no.4:309-312 Apr 57.

1. Z Oddzialu IV Instytutu Gruzlidy Kierownik: doc. W. Jaroszewicz
Z zakladu Radiologii Instytutu Gruzlidy Kierownik: doc. K. Ossowska
Dyrektor: prof. J. Misiewicz.

(TUBERCULOSIS, OSTEOARTICULAR, diag.

difficulties in case of tuberc. of skull base & spine (Pol))

OSEWSKI, Tadeusz; HERYNG, Kazimierz

Bronchial rupture. Gruzlica 26 no.1:15-26 Jan ¹⁹⁵⁸ 28.

1. Z Oddzialu IV Gruzlicy Pluc Instytutu Gruzlicy. Kierownik: doc. dr
W. Jaroszewicz. Dyrektor: prof. dr J. Misiewicz. Adres: Warszawa, ul.
Plocka 26.

(BRONCHI, rupt.
diag. & surg. (Pol))

HERYNG, Kazimierz

Results of the treatment of exudative pleurisy with antibacterial drugs and local hydrocortisone. Gruzlica 28 no.9:697-701 S '60.

1. Z Oddzialu Gruzlicy Pluc Instytutu Gruzlicy Kierownik: dr
B.Kampioni Dyrektor: prof. dr W.Jaroszewicz.
(HYDROCORTISONE ther)
(PLEURISY ther)

HERYNG, Kazimierz

Therapeutic results and side-effects of kanamycin. Gruzlica 33
no.5:405-409 My '65.

1. Z Kliniki Gruzlicy Pluc (Kierownik: prof. dr. J. Stopczyk)
i Oddzial XI (Kierownik: doc. dr. B. Kampioni) Instytutu Gruz-
licy.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Applications. Part I.

Abs Jour : Ref Zhur-Khimiya, No 15, 1953, 50553

Author : Herynk, Josef

Inst : -

Title : Technical Progress of Chemical Industry in
the Light of New Organizational Tasks.

Orig Pub : Chem. Prumysl, 1953, 8, No 1, 1-3

Abstract : No abstract.

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Z/032/61/011/011/004/005
E112/E535

AUTHORS: Hanke, M., Engineer, Candidate of Sciences and Herynk, J.

TITLE: Stress studies on machine components by means of brittle coats SVÚTT

PERIODICAL: Strojírnoství, v.11, no.11, 1961, 860-864

TEXT: Theory and practical applications of a new Czechoslovak coating material for use in stress studies (Czechoslovak Provisional Patent Application PV 85-59) are discussed. The coating material is based on a solution of rosin in methylene chloride, with suitable additives to regulate embrittlement. The procedure is as follows: 1) Surface of component to be subjected to stress studies is smoothed and freed of rust and grease by grinding, applying emery paper or chemically. Heating with a blow-lamp removes last traces of degreasing solvent and condensed humidity. 2) Application of stress-coat by spray. Best results are obtained with a coat thickness of 0.07-0.09 mm. 3) Heating of the coat to 130-150°C by means of a blow-lamp. The following transformation of the coat takes place during heating: evaporation of solvent and formation of bubbles, blistering of the surface and formation of

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Stress studies on machine ...

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E112/E535

craters. Further heating produces homogeneity of surface and produces a brittle structure. The Czechoslovak material is not transformed into the brittle modification by prolonged drying at room temperature. The coat will retain its elastic properties if the stipulated heating temperatures are not applied. 4) Gradual and uniform cooling to 35°C. Internal stresses are produced in the coat during cooling which make the coat very sensitive towards straining of the test specimen. 5) The coated test specimen is quickly placed into testing machine where it is subjected to strain by loading (bending test). 6) Internal stresses of the tested material produce cracks in the coat, the interpretation of which leads to numerical evaluation of the stresses. The Czechoslovak preparation was specially applied to the testing of car bodies, and four photographs are reproduced, showing forms of cracks produced. An attempt is described to apply the Czechoslovak material to painted surfaces, without removal of the paint. However, the solvent contained in the preparation (methylene chloride) exerted a powerful solvating action on all Czechoslovak pigments and the method had to be rejected. It is estimated, however, that with solvent resistant pigments the procedure would operate quite

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Stress studies on machine ...

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E112/E535

satisfactorily, especially for qualitative determinations. The Czechoslovak product was compared and standardized against the U.S.A preparation "Stress-coat" (Magnaflux Corporation) and the following advantages are claimed: ease of application, particularly suitable for qualitative studies. The method is independent of size of the investigated surface areas when a blow-lamp is used. Furthermore, the Czechoslovak material is non-toxic and shows good stability to prolonged storage. Disadvantages are the necessity to operate at 130°C and the slightly reduced sensitivity of the coat. There are 10 figures (7 photographs, one of them showing structural changes in the stress-coat material on heating to 130°C and 3 diagrammatic sketches) and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The English-language reference reads as follows: Ref.7: Literature firm Magnaflux Corporation - Principles of Stresscoat. ✓

ASSOCIATION: Ústav pro výzkum motorových vozidel - 30.03.
(Research Station for Automotive Vehicles, Prague)

Card 3/3

HERZ, A.; SABO, E., chim.; ISTVAN, Fr.; BERLINSCHI, F.; PATO, St.:URSEGU, I
ing.; SABO, Gh.; AVRAM, V., ing.

Drying some materials in fluidized bed. Rev chimie Min petr 15
no.7:409-411 JI '64

RUMANIA / Chemical Technology. Chemical Products and H-3
Their Application--Elements. Oxides. Mineral
Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8801

Author : Herz, A.

Inst : Not given

Title : Progress in the Field of Sodium Dichromate
Production

Orig Pub: Rev. chim., 1956, 7, No 40, 610-613

Abstract: A study was made of existing methods of producing
 $\text{Na}_2\text{Cr}_2\text{O}_7$ and the possibilities of using waste
products in its production. A new technological
method is suggested for complex use of native

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RUMANIA / Chemical Technology. Chemical Products and H-S
Their Application--Elements. Oxides. Mineral
Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8801

chromites (C) by joint production of $\text{Na}_2\text{Cr}_2\text{O}_7$ and a hydrated Al_2O_3 . A mixture of C, Na_2CO_3 and bauxite (B) to which CaCO_3 is added in an amount sufficient to convert Si from B and C into an insoluble state is ground, mixed, and fed into a rotary furnace. Extraction of the fusion is accomplished by counterflow into diffusers. Waste matter obtained in the process (containing all of the Fe_2O_3 , which is fully removed from C and B together with CaCO_3 and Si) can be used as raw material for blast furnaces. The hydrated Al_2O_3 is precipitated by $\text{Na}_2\text{Cr}_2\text{O}_7$ and is separated from the C by filtration. The chromate obtained is

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RUMANIA / Chemical Technology. Chemical Products and H-8
Their Application--Elements. Oxides.
Mineral Acids, Bases, Salts

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8801

converted into the dichromate by passage of CO_2
(from lime roasting kilns). For final conversion
of chromates into dichromates, the former is
treated by H_2SO_4 . Evaporation, crystallization,
and centrifugation of $\text{Na}_2\text{Cr}_2\text{O}_7$ is carried out by
the usual method. The suggested technology affords
a reduction in cost of $\text{Na}_2\text{Cr}_2\text{O}_7$ as well as ob-
taining a considerable supply of cheap hydrated
 Al_2O_3 --Ya. Matlis

Card 3/3

HERZ, H.

HERZ, H. Completing the technical center for statistics and documentation. p. 103.

Vol. 1, no. 4 Apr. 1956.

NOVA TECHNICA

TECHNOLOGY

Czechoslovakia

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

HAZUKA, M., Dr.; HERZ, J., Dr.; MACH, F., Dr.

Fracture of hand bones. Acta chir. orthop. traum. cech.
23 no.2:72-75 Feb 56.

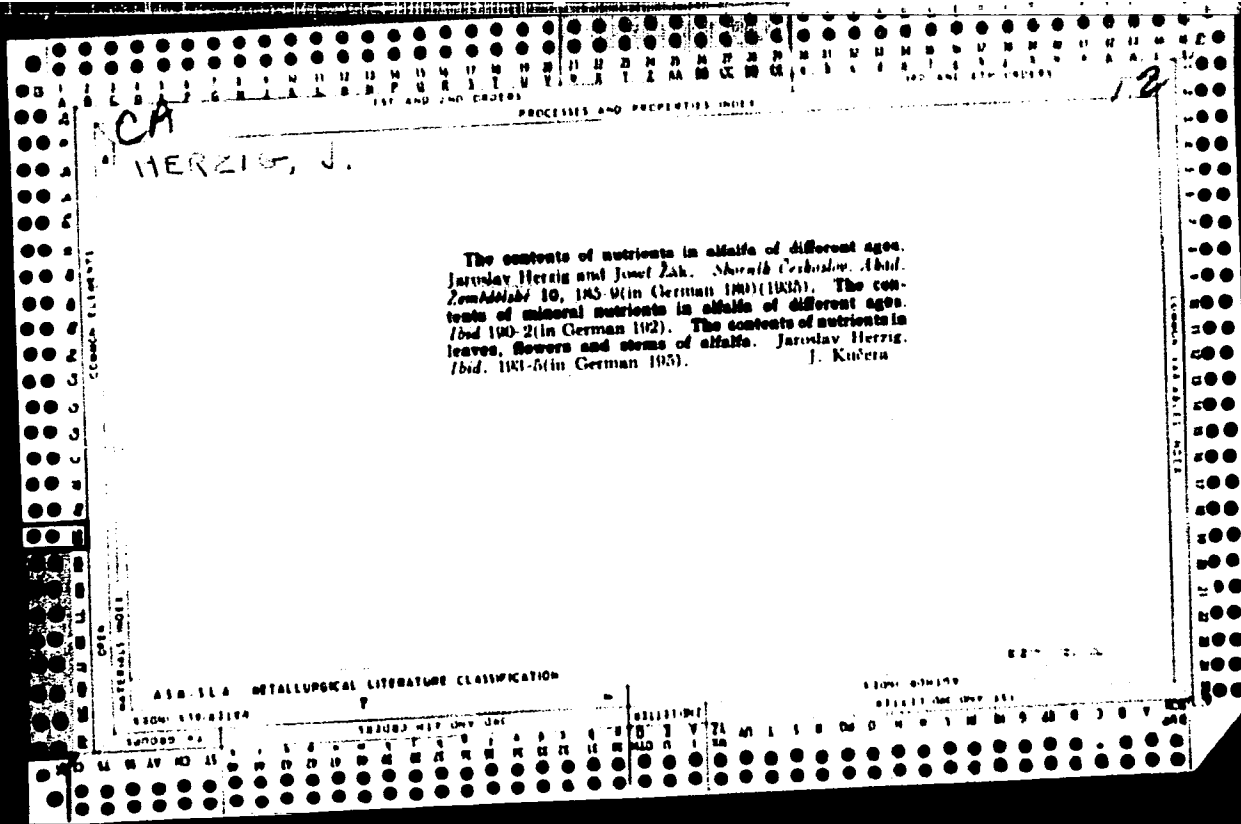
1. Z Chirurgické Klinické Závazny UDL v Praze 8, Bulovka,
prednosta prof. MUDr. Jan Knobloch.

(HAND, fract.
management. (Cz))

(FRACTURES,
hand, management. (Cz))

HERZAN, Miroslav, inz.

A conference of blast furnace technicians. Hut listy 16
no.4:283-284 Ap '61.



HERZIG, J.

ca

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Determination of chlorine in feeds. Jaroslav Herzig and Jovet Zak. *Sbornik Českoslov. Akad. Zemědělsk 10, 160-3 (1933 in German) (1933)*.—Of various methods of detn. of Cl in feeds that of Mach and Lepper (*Landw. Vers. Sta. 188, 333 (1926)*) in aq. exts. was found to be most suitable, certain and convenient. The ashing of feeds with Na_2CO_3 gives too low and unreliable results. Shake 5 g. of feed in a 500-cc. volumetric flask with 250 cc. H_2O for 1 hr. Ppt. colloidal proteins by 40 cc. phosphotungstic acid (prepd. from 50 g. phosphotungstic acid and 500 cc. HNO_3 (1.4) filled to 1 l. with H_2O). Fill up to the mark with H_2O , let stand and det. Cl in an aliquot part of the filtrate mercurimetrically. J. Kucera

ASB-554 METALLURGICAL LITERATURE CLASSIFICATION

HERZLIG, J.

COMMON ELEMENTS

OPEN

MATERIALS INDEX

PROCESSING AND PROPERTIES INDEX

The mineral content of oil cakes. Stanislav Kouclik and Jaroslav Mrazek. *Sbornik Ceskosl. Akad. Zemedl. shk 16, 232-9(1939); Chem. Zvest. 1940, 1, 3230.*—The mineral content of the more important oil cakes used as feed was investigated. Rapeseed cake, because of the physiologically incorrect mineral ratios, is poorly suited for use as feed for cattle. Oil-cake mixes of palm, coconut, linseed and soybean residue mineralized with Ca salts meet nutritional requirements in this respect. In most of the oil cakes investigated the minerals were present in the following order: K, P, Mg, Ca, Na, S and Cl. In the rapeseed cake Ca was present in largest amt.; in the mineralized cake it was in 2nd place. Both of these cakes showed a pos. alk.-earth alky. Because of their high P content all other oil cakes showed a neg. alkali-earth alky. and, with the exception of the rapeseed cake, a pos. alkali-metal alky. Likewise, the total alky. was pos. for all but the rapeseed oil cake and the cake made from shelled sunflower seeds. The shells or husks from the sunflower seeds had a strong pos. total alky. (low acid content).

M. G. Moore

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AS B-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION #2

SECTION MAP ONE USE

SECTION

SECTION

77E

CA HERZIG, J.

The feeding value of an improved variety of sainfoin
(*Onobrychis*). J. Herzig, M. Brázda, and J. Sedláček
(Statní Vys. Ústav pro Vyr. Živ., Brno, Czech.). *Sbor-*

ník Českoslov. Akad. Zemědělství 21, 340-57 (1948) (Pub.
1949). - By experimenting, sainfoin of Vládkov was im-
proved so that it can be harvested several times a year
and in org. nutrients as green forage it compares favor-
ably with lucerne. The ash is lower, especially in Ca,
which is twice as high in lucerne as in sainfoin. For cutting
as green forage, the beginning of the blossoming period is
the best. The digestibility coeff. of sainfoin hay, cut be-
fore full blossoming, based on the expts. on sheep, is:
org. 64, total N 72, fat 63, fiber 49, N-free matter 71.
Dry matter (88.02%) has a feeding value equiv. to 6.81%
protein and 34.81% starch. Jan Mícha

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CA HERBIG, J.

The digestibility and feeding value of the clover and grass hay. J. Herbig, P. Škorpič, and J. Nahládal (Ústav pro výživu a krmivní hosp. zvířat, Brno a Přírodní stanice chov. zvířat, Rapotín, Czech.). *Sborník Českoslo. Akad. věd* 20, 266-75 (1951).—The nutrients, coeffs. of digestibility, and feeding values in the clover-grass hay of the second cutting are much higher than the first and indicate that the time of cutting the first crop should be shifted to the earlier stage of vegetation of clover grasses. The same values of the first cutting in the red-clover hay are much better than the first cutting of the clover-grass hay but not as good as the second. There was a high feeding value in both crops of the mixts. of the red clover with French ray-grass (*Arrhenatherum avenaceum*). The hectare yields of nutrients did not differ much in the individual mixts, and the best ones were red clover with *Arrhenatherum avenaceum* and with fescue (*Festuca pratensis*). The hectare yield of the second crop was almost one half of the first but in the second one was only 13.5% lower in the digestible protein. On the basis of new exper. it was proven numerically that the first crop of clover grasses has a lower protein content than the pure culture of red clover and that the cutting of clover grass should be in an earlier stage of vegetation than the pure culture of red clover; thus the protein in the farm fodder is increased. Jan Míčka

1951

HERZIG, J.

Feeding technique and hygiene provisions during the transition to summer feeding. p. 542.
(ZA SOCIALISTICKÉ ZEMĚDĚLSTVÍ, VOL. 3, #5, May 1953, Czechoslovakia)

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

HERZIG, J.

"The Biological and Biochemical Basis of Silage." p. 1297 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 11, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

BRADY, C.

"Utilization Of Acides By The Animal Organism." p. 1483. (Za
Socialisticke Zemedelstvi. Vol. 3, No. 12, Dec. 1953, Praha.)

So: Monthly List of East European Accessions, Vol. 3, No. 3,
Library of Congress, March 1954, Uncl.

HERZIG, J.

Vykrm hospodarskych zvierat a racionalna vyroba masa. Bratislava, Statne
podo hospodarske nakl., 1954. 326 p. (Zivocisna vyroba, sv. 13) (Fattening
of domestic animals and a rationalized production of meat)

DA Not in DLC

SJ: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HERZIB, J.

Completely adequate forage for milch cows is an effective factor in their development. Tr. for the Czech. p. 221. (Koslemenyei, Budapest, Vol. 4, no. 3/4, 1954)

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

HERZIG, J

✓ High quality feeding of dairy cattle: an important factor in increasing productivity. J. Herzig (*Acta agron. hung.*, 1954, 4, 371-379).--A summary of basic principles and practical techniques in the improvement of milk yields and in the rapid fattening of young stock. A. G. POLLARD.

HERZIG, J.

"Silage, Important Farm Fodder", P. 794, (ZA SOCIALISTICKE ZEMEDELSTVI,
Vol. 4, No. 7/8, July/Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

HERZIG, J. : JANCARIK, A.

"Evaluation and evaluation methods concerning feeding stuffs."

p. 642 (VESTNIK. — Praha, Czechoslovakia.) Vol. 4, No. 11/12, 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

HEK...
CZECHOSLOVAKIA/Fern Animals. Cattle

Q-2

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35637

Author : Horzig J.

Inst : Not Given

Title : The Importance of Colostrum in the Raising of Healthy Calves

Orig Pub : Nas chov, 1957, No 11, 296-297

Abstract : No abstract

Card : 1/1

KOUDELA, Stanislav; HERZIG, Jaroslav

In commemoration of the 60th birthday of Jaroslav Herzig,
corresponding member of the Czechoslovak Academy of Agricultural
Sciences. Vestnik CSAZV 8 no.2/3:178-179 '61. (KEAI 10:5)

1. Dopisující člen Československé akademie zemědělských věd (for
Koudela and Herzig).
(Herzig, Jaroslav) (Czechoslovakia--Agriculture)

KLABUSAY, L.; HERZIG, P.; DRABEK, P.

Successful resuscitation from clinical death due to acute heart infarction by indirect heart massage. Vnitřní lek. 11 no.6: 578-582 Je'65.

1. I. vnitřní oddělení KČsP v Ostravě-Zábřehu (prednosta: MUDr. Jiri Veleminsky, CSc.) a Neurologické oddělení v Ostravě-Zábřehu (prednosta: MUDr. Vladimír Bartoušek).

DOLECEK, R.; HERZIG, P.

Synthetic lysine-8-vasopressin in the treatment of diabetes insipidus.
Gas. lek. cesk. 102 no.11:296-297 15 Mr '63.

1. Krajska endokrinologicka amulance, Ostrava 1, ordinari MUDr.
R. Dolecek, CSc.-- Interni oddeleni krajske nemocnice s poliklinikou,
Ostrava 3, vedouci MUDr. J. Cerny.
(DIABETES INSIPIDUS) (VASOPRESSIN) (LYSINE)

DOLECEK, R. MUDr.; CSc., HERZIG, P.

Metopiron tests in clinical medicine. Cas. lek. cesk. 104 no.15:
406-412 16 Ap'65.

1. Krajska endokrinologicka ambulance v Ostrave I (ordinar: MUDr. R. Dolecek, CSc.); I. interni oddeleni KNaP v Ostrave (vedouci: MUDr. J. Veleminsky, CSc.) a II. interni oddeleni KNaP v Ostrave I, (vedouci: MUDr. L. Kudela).

CZECHOSLOVAKIA

DOBCEK, R., MD, Candidate of Sciences, and HERZIG, P., Kraj Endocrinological Ambulance (Krajská endokrinologická ambulance), Ostrava 1, R. DOBCEK, MD, ordinarius; Department of Internal Medicine (Interni oddeleni), KmsP [not identified], Ostrava 3, J. CERNY, MD, director; and Department of Internal Medicine, KmsP, Ostrava 1, KUDELA, L., MD, director.

"Clinical importance of Mepiron Tests."

Prague, Casopis Lekarů Ceskych, Vol CII, No 41, Prague, 11 October 65, pp 1136-1140.

Abstract: Described are tests using Metopiron CIBA (So-4885) with the purpose of studying the function of the pituitary gland - adrenal gland system. The article contains a table with data on tests with 20 patients. nine references, including 4 Czech.

SCHONFELD, V.; MACH, J.; HERZMAN, J.

Polarographic studies on serum protein fractions in pregnant women. Cas.lek.cesk.99 no.39:1249-1251 23 S '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof.dr. J. Trapl.

(BLOOD PROTEINS in pregn)
(PREGNANCY blood)

HERZMANN, J. R.

Chromatographic fractionation of urinary steroids in woman around the time of childbirth. K. J. Mach, J. R. Stern, and J. R. Herzmann. *Conceptus Health Sci* Feb 93, 201-6 (1954).—Urinary steroids were fractionated chromatographically in five pregnant women during the period beginning one month before the birth and ending one week after the birth. Total 17-keto steroids varied very slightly, but considerable changes of steroid fractions were noted. During the pregnancy and the birth period the spectrum of the urinary steroids differs from that of the post-birth period in which its character is the same as in a non-pregnant woman. Considerable changes are demonstrated in fraction II in which progesterone is prevalent and fraction IV which was identified as androsterone. The curve representing fraction II is very similar to that of pregnancy in the same period. Fraction IV falling during pregnancy and rises considerably after birth. Urination tests of urine in a nonpregnant woman showed that in the same sex cycle the spectrum of urine fractions retains approx. the same character. Otto E. Lehmann

HODR, Jaroslav, MUDr; ~~HERZMANN~~, Jiri, RNDr; JANDS, Jiri

Intermedial glycide therapy in fetal hypoxia. Cesk.gyn. 19 no.6:
413 Nov 55.

1. UPMD, Praha-Podoli, Reditel prof. MUDr J.Trapl. nositel Radu
republiky

(FETUS, diseases,
anoxia, ther., glucose)

(ANOXIA,
fetal, ther., glucose)

(GLUCOSE, therapeutic use,
anoxia in fetus)

POSPISIL, Josef, MUDr; HERZMANN, Jiri, RNDr

Utilization of photoactivity of animal and human tissue in
byneecology. Cesk.gyn. 19 no.6:415-416 Nov 55.

1. UPMD v Prase-Podoli, reditel prof. MUDr J.Frapl
(GENITALIA, FEMALE, neoplasms,
impression on photographic plate of neoplastic
tissue)
(PHOTOGRAPHY,
impression of female genital tumor tissue on
photographic plate)

Henzmann, Jiri

Photoactivity of animal tissue. Jozef Procházka, Jiri Henzmann, and Anna Sotrl'ková (Ústav pro teorii a matematické fyziku, Praha). *Časopis lékařů českých* 94, 794-80 (1955). -- Previous reports have been made on the exposure of photographic emulsions by contact with biol. material in the dark. Tissues here were placed in close contact with a paraformaldehyde plate, wrapped in black paper, and exposed for 24 hrs. at +5°. The plate was developed and fixed in the usual manner. Alternatively, an even finer but less intensive "latent image" was obtained by placing in contact for only 1-2 hrs. and then leaving at 5° for 24 hrs. before development. Liver parenchyma produced stronger pos. patterns than conjunctive tissue and muscles. Living tumor tissue and blood gave even stronger blackening. Necrotic or autolyzed tissue gave weaker patterns. When color film was used, the colors of the image resembled those of the tissue itself. These phenomena are explained by the reducing power of substances diffusing from the tissue and undergoing a sort of chromatography in the gelatin rather than by the effect of unspecified radiation. I. M. Hais

(2)

HERZMANN, J.

EXCERPTA MEDICA Sec.2 Vol.9/11 Physiology, etc. Nov56

5019. HERZMANN J. *Ust. pro Péči Matku a Dítě*; Ústřed. Lab., Praha. *Stanovení mědi v krevní plazmě. Determination of plasma copper CAS. LEK. ČES. 1955, 94/38 (1034-1036) Tables 5

A method has been developed to determine Cu in 0.2-0.3 ml. of citrated plasma after protein precipitation by trichloroacetic acid. The predominating form of Cu in the blood, bivalent Cu, is bound to plasma proteins in a labile linkage, and after its transformation to the ionized form a coloured complex is formed on the addition of an ethanolic solution of tetraethylthiuram disulphide. In acid solution the reaction remains completely stable for several hours. The maximum absorption is 4150 Å. Since the plasma itself is coloured it is necessary to make a correction by subtracting a plasma blank. In determining Cu by this method, the

utmost care must be devoted to the cleanliness of glass and other utensils, since the reaction is sensitive to such an extent that the slightest trace of Cu may distort the final results. Haemolysed plasma cannot be used. Herdmann - Prague

HERZMANN, JIRI

Activity of animal tissue toward photographic material
Jiri Herzmann, Josef Pospisil, and Anna Setnicková (Czech
Sci. paper, Prague) (Czechoslov. sci. pap. 4, 85-90, 1954)
Five-mm.-thick slices of organs were placed in contact
with the emulsion of a photographic plate, wrapped in black
paper, and incubated at 5-15° for 1-24 hrs. The tissue was
then removed with water, and the plate developed and fixed
in the usual way. Sharper details were obtained by using
the latent image procedure, i.e., by exposing for only 20-120
min., removing the tissue, and leaving the plate to "ripen"
in darkness for 24 hrs. at 5° before development. Direct
pictures of the structure were obtained with black-and-white
or color material. The colors approximated the colors of

in darkness for 24 hrs. before development. Illustrations of the structure were obtained with black and white or color material. The colors approximated the colors of the prep. Even underlying structures, which were in direct contact with the emulsion, were brought out. Functionally more active or less mature tissues showed more intensive "photoactivity." Tissue fluid seems to be the main agent involved, since washing decreases the intensity, but it was possible to obtain good results with intact surfaces of organs. Putrefaction decreases the intensity. Previous freezing was without effect; boiling or chem. fixation diminished but did not destroy the activity. Interposition of cellophane foil or mastix layer did not prevent the images, but mica or glass did. A chem. explanation is favored, except for the images of deeper-seated organs. I. M. [unclear]

Herzmann, J.

Contribution to study of photoactivity of animal tissues. P. 92
CESKOSLOVENSKY CASOPIS PRO FYSIKU. (Ceskoslovenska akademie ved.
Ustav technicke fyziky) Praha
Vol. 6, no. 1, Jan. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

HERZMANN, J.; STEMBERA, Z.; VRCHLABSKA, E.

Experiences with the Rapp-Richardson test. Cesk. gyn. 21 no.5:
342-347 Sept 56.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof.
MUDr. Jiri Trapl.

(SEX CHARACTERISTICS

sex determ., saliva test, clin. results (Cz))

(SALIVA

Rapp-Richardson test for sex determ., clin. results (Cz))

HERZMANN, JIRI

me ✓ The significance of physical methods for the identification of some steroids. Jiri Herzmann (Lab. Ústavu péči o matku a dítě, Prague). *Časopis Lékařů Českých* 94, 751-4 (1950). The Debye-Scherrer x-ray analysis was found to be most satisfactory for the identification of progesterone, pregnanone, pregnandiol, testosterone, deoxycorticosterone, dehydro-iso-androsterone, cis-androsterone, estrone, estradiol and estriol in endocrinologic studies. The survey of corresponding Debyegrams is given. *Zemědělský*

HOBEL, Otto, Dr.; HERZMANN, Jiri, Dr.; SABATA, Vladimir, Dr.

Changes in alkaline phosphatase after alternating diet in late gestation. Cesk. gyn. 22[36] no.6:471-477 Sept 57.

- . UPMO Praha-Podoli, redital prof. Dr Jiri Trapl.
 - (PHOSPHATASES, in blood
 - alkaline, after dietary changes during late pregn. (Cz))
 - (PREGNANCY, blood in
 - alkaline phosphatases after dietary changes during late pregn. (Cz))

SHABATA, V. [Sabata, V.], GERTSMAN, Y. [Hertzman, J.], ZOULA, Y. [Zoula, J.]

Study of blood proteins in pregnancy. [with summary in English]
Akush. i gin. 34 no.5:3-7 S-0 '58 (MIRA 11:10)

1. Iz Instituta okrapy materi i rebenka v Prage (dir. - laureat
Ordena respubliky prof. Y. Trapl.).

(PREGNANCY, blood in
proteins (Rus))

(BLOOD PROTEINS,
in pregn. (Rus))

HERZMANN, J.; STEMBERA, K.

Excretion of pregnandiol in the absence of placenta or corpus luteum.
Cesk. gyn. 24[38] no.3:209-213 Mar 59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. dr. J. Trapl,
nositel Radu republiky. J. H., UPMD, nabr. K. Marxe 18, Praha-Podoli.
(PREGNANDIOL, in urine,
in male & female climacteric (Cz))
(CLIMACTERIC, urine in,
pregnandiol in male & female (Cz))

SCHONFELD, V.; HERZMANN, J., Tech. spoluprace: J. mach, B. Vrchlabska.

Isolation of 17-ketosteroids in female hirsutism or virility. *Cesk. gyn.* 24[38] no.3:213-219 Mar 59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. dr. J. Trapl. V. Sch., UPMD, nabr. K. Marxe 157, Praha-Podoli.

(HAIR,

hirsutism in women, urinary 17-ketosteroids (Cz))

(VIRILISM, urine in,

17-ketosteroids (Cz))

(17-KETOSTEROIDS, in urine,

in female hirsutism & virilism (Cz))

PRESL, J.; HERZMANN, J.; KLETECKS, P.; VOHNOUT, S.; RÖHLING, S.

Effect of pentamethylenetetrazole on thyroid incorporation of radioiodine in rats. *Cesk. fysiол.* 8 no.2:135-136 Mar 59.

1. Ustav pro peci o matku a dite, Vykimny ustav endokrinologicky, Praha. Predneseno na Sumposiu o ucincich ionisacniho zarení dne 16.10. 1958 v Praze.

(PENTYLENETETRAZOLE, eff.

on thyroid radioiodine incorporation (Cz))

(THYROID GLAND, eff. of drugs on,

pentylenetetrazole on radioiodine incorporation (Cz))

(IODINE, radioactive,

thyroid incorporation, eff. of pentylenetetrazole (Cz))

HERZMANN, J.; JANDA, J.

A modified form of Kjeldahl flask for accelerated mineralization.
Cas.lek.cesk. 99 no.47:1493-1494 18 H '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc.
dr. M. Vojta.

(CHEMISTRY ANALYTICAL)