

CZECHOSLOVAKIA / General Problems of Pathology. Patho- U
physiology of Infectious Process.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51614.

Author : Raskova, H., Vanecek, J., Capek, R.

Inst : Not given.

Title : Liberation of Tissue Factors with Streptolysin. O.

Orig Pub: Casop. lekaru Ceskych, 1957, 96, No 40-41,
1290-1292.

Abstract: It was observed that the addition of streptoly-
sin O to a solution containing an isolated rat
uterus caused slowing of the uterine contractions
as observed also with the addition of antihista-
mines and atropine. -- From the author's summary.

Card 1/1

1. Farmakologicka laborator Chemickeho ustavu CSAV a Katedra farma-
kologie a polusne pathologie Fakulty detskeho lekarstvi v Praze,
prednosta prof. Dr H. Raskova.

VANECEK, J. ; PASKOVA, H.

"Release of products causing certain effects during intracerebral administration of bacterial poisons." p. 254.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

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

VANEK, J.

AUTHORS: Šora, P., Kol, B., Holýbovský, V., Šelouha, B.,
Mareš, O. and Vaneček, J.

TITLE: Proteins. XIII. Comparison of the Microstructure of
Chymotrypsinogen and Trypsinogen. Preliminary
Communication (O bílkovinách. XIV. Srovnání
mikrostruktury chymotrypsinogenu a trypsinogenu.
Předběžná sdělení)

PERIODICAL: Chemické listy, 1958, Vol 52(82), Nr 10, PP 1992-1995
(Czechoslovakia)

ABSTRACT: This is a continuation of the discussion on the micro-
structure of proteins in which the authors draw on their
own experimental results (previously published) and
those of others. Attention is drawn to the repetition
of certain peptide residues in the two proteins
considered.
There are 3 tables and 2a references, 12 of which are
Czech, 22 Western.

Card 1/2

6

ASSOCIATION: Biochemický oddělení, Chemický ústav,
Československá akademie věd, Praha (Biochemistry
Division, Institute of Chemistry, Czechoslovak Academy
of Science, Prague)

SUBMITTED: March 15, 1958

Card 2/2

VANECEK, J.; RASKOVA, H.

Adaptation to the parabiologic effect of phenol. Cas. lek. cesk. 97 no.14:
455-456 4 Apr 58.

1. Farmakologicka katedra fakulty detskeho lekarstvi Karlovy university
a farmakologicke laboratore CSAV v Praze. J. V., Praha 2, Albertov 4.

(NERVES, eff. of drugs on
phenol, prod. of adaptation to parabiologic eff. by repeated
subcutaneous admin. in rabbits (Cz))

(PHENOIS, eff.
parabiologic eff. of phenol, prod. of adaptation by repeated
subcutaneous admin. in rabbits (Cz))

RASKOVA, H.; VANECEK, J.

On the adaptation of nerve-muscle preparation to bacterial toxins and phenol. J. Hyg. Epidem., Praha 3 no.2:181-183 1959

1. Pharmakologisches Institut der Kinderärztlichen Fakultät der Karls-universität, Prag.

(MYONEURAL JUNCTION)

(PHENOLIS, pharmacol)

(STREPTOLYSIN, antagonists)

VANECEK, J.; RASKOVA, H.

Comparative studies on toxicity of bacterial toxins following intracerebral and intravenous administration. Cesk. fysiол. 8 no.3:255-256 Apr 59.

1. Farmakologicke katedra fak. detskeho lek. KU, Praha. Predneseno na III.fysiologickych dnech v Brne dne 14. 1. 1959.

(BACTERIA,
toxins, comparative tox. after intravenous & intracerebral
admin. (Cz))

RASKOVA, H.; VANECEK, J.; JELINEK, J.

Repeated trauma and the resistance to bacterial toxins. Cesk. fysiол.
8 no.3:455-456 S '59.

1. Katedra Farmakologie Fak. desk. lek. a Ustav pro epidemiologii
a mikrobiologii, Praha.

(WOUNDS AND INJURIES exper.)

(TOXINS AND ANTITOXINS pharmacol.)

VANECK, J.; RASKOVA, H.; JELINEK, J.

Effect of repeated administration of phenol on streptolysin
hemolysis. Cesk. fysiол. 8 no.5:461-462 S '59

1. Katedra Farmakologie Fak. desk. lek. Praha a Ustav pro
epidemiologii a mikrobiologii, Praha.

(PHENOL pharmacol.)

(STREPTOLYSIN pharmacol.)

(HEMOLYSIS pharmacol.)

MELOUN, B.; HOLEYSOVSKY, V.; VANECEK, J.; KEIL, B.; SORM, F.

Proteins. LIII. Peptides of aspartic acid and glutamic acid isolated from a chymotrypsinogen hydrolysate. In English. Coll.Cz.Chem. 24
no.9:3002-3006 S '59. (REAI 9:5)

1. Department of Biochemistry, Chemical Institute, Czechoslovak Academy of Science, Prague.
(Proteins) (Peptides) (Aspartic acid) (Glutamic acid)
(Chymotrypsinogen)

VANECEK, J.; KEIL, B.; MELOUN, B.; SORM, F.

Proteins LIV. Isolation of some peptides from tryptic hydrolysates
of chymotrypsinogen and diisopropylphosphoryltrypsin. In English.
Coll.Cz.Chem. 24 no.9:3148-3153 S '59. (EEAI 9:5)

1. Department of Biochemistry, Czechoslovak Academy of Science,
Prague.

(PROTEINS) (PEPTIDES) (CHYMOTRYPSINOGEN)
(TRYPSIN DIISOPROPYL PHOSPHATE)

RASKOVA, H.; VANECEK, J.; JELINEK, J.; RASKA, K.

Increased resistance to toxins induced by phenol. J.hyg.epidem.
Praha 4 no.4:400-404 '60.

1. Department of Pharmacology, Faculty of Pediatrics, Charles
University and Institute of Epidemiology and Microbiology, Prague.
(PHENOLS pharmacol)
(TOXINS AND ANTITOXINS pharmacol)

RASKOVA, H.; VANECEK, J.

Further contribution to a possibility of increased non-specific resistance to bacterial toxins. Cesk. fysiол. 9 no.1:89 Ja 60.

1. Farmakologicka katedra pediatricke fak. KU, Praha.
(TOXINS AND ANTITOXINS)

^L
VANACEK, J.; RASKOVA, H.

Effect of phenol on experimental anaphylactic reaction in guinea pigs. Cesk. fysiол. 9 no.1:94-95 Ja 60.

1. Farmakologicka katedra pediatricke fakulty KU, Praha.
(ALLERGY, exper.)
(PHENOLIS pharmacol.)

VANECEK, J.; MELOUN, B.; KOSTKA, V.; KEIL, B.; SORM, F.

Proteins. LXI. Peptides isolated from peptic hydrolysate of chymotrypsinogen. Coll Cz Chem 25 no.9:2358-2368 S '60. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry Czechoslovak Academy of Science, Prague.

(Proteins) (Peptides) (Chymotrypsinogen)

STRIZOVA, V.; RASKOVA, H.; VANECEK, J.; technicka spoluprace: DRABOVA, M.;
RYBOVA, B.; FIALOVA, O.

On the pharmacology of pertussis toxin. 1. Cesk. epidem. mikrob.
imun. 10 no.3:192-196 '61.

1. Ustav epidemiologie a mikrobiologie v Praze a Farmakologicky
ustav fakulty detskeho lekarstvi KU v Praze.
(WHOOPIING COUGH immunol.) (TOXINS AND ANTITOXINS pharmacol.)

SORM, F.; KEIL, B.; VANECEK, J.; TOMASEK, V.; MIKES, O.; MELOUN, B.;
KOSTKA, V.; HOLEYSOVSKY, V.

Proteins. LXIII. Lower structures in the chains of proteins. Coll Cz
chem 26 no.2:531-578 F '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Science, Prague.

(Proteins)

RASKOVA, Helena; VANECEK, J.

Phenol-induced tolerance to shock. Acta physiol. hung. 19 no.1-4:
259-265 '61.

1. Department of Pharmacology, Faculty of Pediatrics Charles University,
Prague. (SHOCK exper.) (PHENOLS toxicol.)

CZECHOSLOVAKIA

Prof Zdenek VOTAVA, MD, and Docent Jiri VANICEK, MD [Affiliations not given.]

"Fiftieth Anniversary of Prof Dr Helena RASKOVA."

Prague, Časopis Lékařů Českých, Vol 102, No 3, 18 Jan 63; pp 77-79.

Abstract: Prof Helena RASKOVA, MD, DrSc, is Chairman of Pharmacology Section (predseda farmakologické sekce) of the Czechoslovak Medical Association, Head (vedoucí) of the Pharmacology Laboratory of the Chemical Institute (farmakologická laborator Chemického ústavu) of the CSAV [Československá akademie věd, Czechoslovak Academy of Science] has academic duties and is a member of many foreign societies. The two brief articles describe her many scientific and organizational activities and achievements, one of the most recent of which was allegedly victory over the US delegation in prevailing with her invitation to hold the 1963 or Second International Pharmacology Congress in Prague when the matter was debated in 1961 in Stockholm. Photograph of Prof Raskova.

1/1

CZECHOSLOVAKIA

VANECEK, J., HLAVATY, V.; Chair of Pharmacology, Faculty of Pediatrics, Charles University (Farmakologicka katedra fakulty detského lékařství KU), Prague; Pharmacological Laboratory of the Czechoslovak Academy of Sciences (Farmakologická laborator CSAV), chief (predonata) Prof Dr H. RASKOVA, DrSc; Institute of Medical Physics, Faculty of General Medicine, Charles University (Ústav lékařská fyziky fakulty všeobecného lékařství KU), Prague, chief Docent Dr ZD. DIENSTELER.

" Protective Effects of Phenol and Procain on Irradiation Diseases "

Prague, Casopis lekaru ceskych, Vol 102, No11, 15 March , 63
pp 295-296

Abstract [Authors' English summary modified] : A protective effect has been proved by phenol against irradiation. The results are discussed in light of general antishock effect of phenol and procain

10 references predominantly Soviet-bloc.

1/1

L 13209-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006097

SOURCE CODE: CZ/0053/65/014/GOL/0318/0319

28
B

AUTHOR: Vanecek, J.; Vaneckova, N.; Zacek, K.; Zackova, Z.

ORG: Department of Pharmacology, Faculty of Pediatrics, Institute for Epidemiology and Microbiology of the Ministry of Health, Prague (Katedra farmakologie fak. detsk. lek. a Ustav pro epidemiologii a mikrobiologii MZd)

TITLE: Effect of phenolization on viral infection [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

44,56

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 318-319

TOPIC TAGS: mouse, experiment animal, phenol, encephalitis, virus disease, chemotherapy

ABSTRACT: When mice were injected intracerebrally with the Jirotko strain of virus encephalitis 3 days after the last of 12 injections of 0.05 ml. of 0.1% of phenol, survival was significantly prolonged over the control group; as studied in guinea pigs, this effect was not due to changes in immunoreactivity. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001

jrn

Card 1/1

2

CZECHOSLOVAKIA

MELOUN, B; KOSTKA, V; VANECEK, J; KLUH, I; SORM, F

Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 1, January 1966, 321-335

"On proteins. Part 99: Peptides isolated from b- and c-chain
of S- β -aminoethylcysteinyl dip- α -chymotrypsin."

CZECHOSLOVAKIA

SVEC, P.; VANECEK, J.; Institute of Pharmacology, Czechoslovak Academy of Sciences and Chair of Pharmacology Faculty of Pediatrics, Charles University (Farmakologicky Ustav CSAV a Katedra Farmakologie FDL UK), Prague.

"The Influence of Repeated Doses of Phenol on Procaineesterase."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 405-406

Abstract: The authors investigated the induction of non-specific resistance to bacterial toxins, experimental shock, and model bacterial and viral infections by simple chemicals, such as phenol and procaine. Activity of procaineesterase (PE) was selected as a suitable parameter. 12 doses of phenol per day doubled the PE activity; maximum was reached after 12 doses, further increase did not show any improvement. The resistance to infections is induced at the same time; this resistance persists even after 14 days, while the PE activity does not. PE is the main detoxication agent for succinylcholine. The effect of PE on the action of succinylcholine iodide is described. 6 Western, 1 Czech reference. Submitted at 14 Days of Pharm. at Smolenice, 16 Feb.

1/1

VANECEK, Jaroslav, inz.

Nomograms for calculation of some common errors in length
measuring by a steel tape. Sbor VSB Ostrava 9 no.7:981-
997 '63.

1. Higher School of Mining, Ostrava.

DOSTALOVA, L.; KNAP, J.; VANECEK, K.

Contribution of the treatment of leukorrhea in children. Cesk.
gyn. 25[39] no. 1/2:91-95 Mr'60.

1. Gyn.-porod. odd. OUNZ v Opave, prednosta prim. dr. O. Sipek.
(LEUKORRHEA in inf. & child)
(CHLOROPHYLL ther.)

HOLY, J.; HOUSTEK, J.; VANECEK, K.

The possible role of respiratory viruses in sudden and unexpected death in infants. Cesk. pediat. 18 no.10:931-936 0 '63.

1. Ustav vyzkumu vyvoje ditete fakulty detskeho lekarstvi KU
v Praze, reditel prof. dr. J. Houstek, DrSc.
(INFANT MORTALITY) (DEATH, SUDDEN)
(ENTEROVIRUS INFECTIONS) (ADENOVIRUS INFECTIONS)
(RESPIRATORY TRACT INFECTIONS) (PHARYNGITIS)
(GASTROENTERITIS) (PNEUMONIA, INTERSTITIAL
PLASMA CELL)
(BRONCHITIS) (TRACHEITIS) (RHINITIS)

HOUSTEK, J.; HOLY, J.; VANECEK, K.

Ratio of sudden and unexpected deaths in infant mortality in
Central Bohemia during the period 1952-1962. Cas. Lek. Cesk.
103 no.17:452-457 Ap 24 '64.

1. Ustav vyzkumu vyvoje ditete fakulty detskeho lekarstvi KU
[Karlova University] v Praze. (reditel prof. dr. J. Houstek, DrSc).

ZAPLETAL, A.; VANECEK, K.; BRUCKOVA, M.; SYRUCEK, L.; SOBESLAVSKY, O.

Etiology of acute bronchiolitis and related severe acute respiratory diseases in children. *Cesk. pediat.* 20 no.2:97-105
F '65

1. II detska klinika (prednosta: prof. dr. J. Houstek, DrSc.);
Ustav vyzkumu vyvoje ditete faluty detskeho lekarstvi Karlovy
University v Praze (reditel: prof. dr. J. Houstek, DrSc.); Ustav
epidemiologie v Praze (reditel: prof. dr. K. Raska, DrSc.).

CZECHOSLOVAKIA/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur - Biol., No 15, 66950

Author : Horcjsi, J., Mircevoval, L., Sousek, R., Vanecek, K.

Inst : -

Title : Experiments with the Aldose Reaction in Diagnosing
Hepatitis.

Orig Pub : Vnitřni lékařství, 1957, 3, No 7, 580-587

Abstract : The aldose reaction is not specific for diagnosing infectious hepatitis. The aldose reaction is negative in the absence of liver damage, and gives a positive test on the third to fifth day after the onset of the disease.

Card 1/1

6

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6"

VANECEK, M.; VOTAVA, Z.

Pharmacologic properties of new synthetic curare simulants;
sulfonium analogue of methonium salts, derivatives of pyridine
carbonic and piperidine carbonic acids. *Cesk. fysiол.* 4 no.3:
349-356 1955.

1. Vyzkumny ustav pro farmacie a biochemii v Praze.
(MUSCLE RELAXANTS,
sulfonium analogue of methonium salts, deriv. of
pyridine & piperidine carbonic acids)

VOTAVA, Z; VANECEK, M.

Pharmacologic effects of spasmolytics; effect of thispasmin, of atropine, and of certain other spasmolytics on intestinal motility on cardiac function, and on salivation in dogs. Cesk.farm. 4 no.6: 283-292 J1 '55.

1. Z Vyzkumneho ustavu pro farmacii a biochemii, Praha.

- (MUSCLE RELAXANTS, effects,
on heart, intestinal motility & salivation in dogs)
- (HEART, effect of drugs on,
spasmolytics, in dogs)
- (INTESTINES, effect of drugs on,
spasmolytics, in dogs)
- (SALIVATION, effect of drugs on,
spasmolytics, in dogs)

TREKA, V.; VANECEK, M.; DLABAC, A.

Bishomoreserpine, a reserpine analogue with pronounced inhibiting effect. *Activ. nerv. sup.* 4 no.2:221-222 '62.

1. Vyzkumny ustav pro farmacie a biochemii, Praha.

(RESERPINE pharmacol)

VANECEK, M. VOTAVA, Z.; za technicke spoluprace Z. Kvetonove.

Effect of atropine and thiospasmin on higher nervous function in rats. Cesk. fysiол. 5 no.3:362-368 1956.

1. Zyskumny ustav pro farmacia a biochemii v Praze.

(REFLEX, CONDITIONED,

eff. of atropine & adiphenine sulfonium analogs (Cz))

(PARASYMPATHOLYTICS, effects,

adiphenine sulfonium analogs on conditioned reflex in rats (Cz))

(ATROPINE, effects,

on conditioned reflex in rats (Cz))

VANECEK, M.

CZECHOSLOVAKIA/ Pharmacology, Toxicology. Histamine and
Anti-histaminic Agents

U-4

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3413

Author : Votava, Z., Vanecek, M.

Inst : Not given

Title : The Influence of Some Antihistaminics and Neuroplegics on
Higher Nervous Activity in Rats and Dogs.

Orig Pub : Physiol. bohemosl., 1956, 5, Suppl., 58-62.

Abstract : The effects of diphenhydramine, antihistamine, alphadryl,
antistine, diestazine, Phenergan and chlorpromazine upon
alimentary conditioned reflexes in rats and defensive
conditioned reflexes in dogs were studied. The agents
were administered subcutaneously in a dose of 20 mg/kg 30
minutes prior to the onset of the experiment. Antihistamine,

Card : 1/2

VANECEK, M.

COUNTRY : CZECHOSLOVAKIA V
CATEGORY : Pharmacology and Toxicology. Cardiovascular Agents
ABS. JOUR. : RZhBiol., No. 5 1957, No. 23190
AUTHOR : Trcka, V.; Vanecek, M.
INST. : -
TITLE : Veratrum Alkaloids. IX. Pharmacology of the New Acetone Fraction of Alkaloids from Veratrum album L.
ORIG. PUB. : Ceskosl. farmac., 1957, 6, No 2, 68-73
ABSTRACT : The action of the acetone fraction of alkaloids from Veratrum album (VA), viz., puroverine (pro-toveratrine A and B) (P), was studied on dogs under anesthesia and without it. The hypotensive action of VA, introduced intravenously (doses 4-20 mcg/kg) and perorally (0.1 mg/kg), is 5-10 times weaker than P in the same doses. VA induces nausea much less frequently than P. VA is 30 times less toxic for mice than P. The effect of VA and P upon other functions is approximately

Card: 1/2

COUNTRY :
CATEGORY : V
ABS. JOUR. : RZhBiol., No. 5 1959, No, 23190
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : the same.-- I. A. Frolova
Part VII, see RZhBiol., 1958, No 37602.

Card: 2/2

VANECEK, M. ; TRCKA, V.

"Pharmacology of the ganglioplegic 'Dimekamin'." p. 267.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

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

TRCKA, V.;VANACEK, M.

Dexphenmetrazine. Cesk. fysiolo. 8 no.3:460-461 S '59

1. Vyzkumny ustav pro farmacii a biochemii, Praha.
(PRENMETRAZINE, pharmacol.)

VANECEK, M.; TRCKA, V.

Decrease of blood pressure by penhexamine and penbutamine verified
by a bloodless rheoplethysmographic method. Cesk. fysiол. 8 no.5:
462-463 S '59

1. Vyskumny ustav pro farmacie a biochemii v Praze.
(BLOOD PRESSURE pharmacol.)
(AMINES pharmacol.)

CZECHOSLOVAKIA

VASAK, V., Dr of Natural Sciences; VANECEK, M.; and KIMMELOVA, B., Institute of Work Hygiene and Occupational Diseases (Ustav hygieny prace a chorob z povolani), Prague, Professor Dr J. TEISINGER, Dr of Sciences, director.

"Assessment of the Exposure of Workers to Carbon Disulfide Vapors. Part II. Application of the Iodine Azide Reaction to the Detection and Estimation of Carbon Disulfide Metabolites in Urine"

Prague, Pracovní Lékařství, Vol XV, No 4, May 63, pp 145-149.

Abstract [Authors' English summary, modified]: Iodine azide reaction is used for the qualitative estimation of metabolism in the urine of persons inhaling carbon disulfide vapors. A ratio was found for the quantitative evaluation of this reaction. Twenty eight-hour inhalation experiments, using concentrations of 50 to 200 micrograms of CS₂ per liter of air, proved a relationship between the carbon-disulfide concentration in the atmosphere and the presence of its meta-

1/2

CZECHOSLOVAKIA

Prague, Pracovní Lékařství, Vol XV, No 4, May 63, pp 145-149.

bolites in urine. The content of carbon-disulfide metabolites in urine was assessed according to the duration of the iodine azide reaction made on a urine specimen collected during the last two hours of exposure. Dilution of urine was assessed on the basis of the creatinine concentration. Both values were used for calculating an exposure coefficient. A method of the exposure test is proposed. Five references, including 1 Czech, 1 Polish and 1 Russian.

2/2

VANECEK, Mirko, inz.

Czechoslovak participation in the No.1 Working Group of Geological Symbols of Technical Committee No.82 of the International Organization for Standardization. Normalizace 13 no.4:136-137 Ap '65.

1. Faculty of Natural Sciences of Charles University, Prague.

VANECEK, M.

Certain tasks of geologic science and practice in the USSR. p. 1.
(Vestnik, Vol. 32 no. 1, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

VANECEK, MIRKO

Surnames (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: Dr, Docent

Affiliation: Faculty of Natural Sciences Prirodovedecka Fakulta , Prague

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol LXVI, No 2, 1961, pp 235.

Date: "Symposium "The Problems of the Origin of the Postmagmatic Ore Deposition (With Special reference to the Geochemistry of Ore Veins)" in Czechoslovakia, 1963."

Co-author:

Vanecek, Mirko, Engg.

Central Institute of Geology (Ustredni ustav geologickeho), Prague.

VANECEK, MIRKO

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation:

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 3, 1961,
pp 382.

Data: "Symposium "The Problems Concerning the Origin of the Postmagmatic
Formation of Metalliferous Veins With Special regard to the Geo-
chemistry of Metalliferous Veins" in Czechoslovakia, 1963."

Authors: ✓ KUTINA, Jan, Faculty of Natural Sciences, Charles University
(Prirodovedecka fakulta Karlovy university), Prague.

VANECEK, Mirko, Central Geological Institute (Ustredni geologicky
ustav), Prague

GPO 981843

VANECEK, Mirko, inz.

Some economic problems in the field of geology. Geol pruzkum
6 no.10:292-293 0 '64.

1. Central Geological Institute, Prague.

VANECEK, MILOS.

Prumyslove stavby. I. Milos Vanecek a Jiri Vancura. Vyd. 1. Praha, Statni pedagogicke nakl. 1953. (Ucebni texty vysokych skol) Industrial buildings. Bibl. diagra.

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February, 1957, 1958, Uncl.

Vanecek, p.

AGRICULTURE

VANECEK, P.; VESELY, F.

We are expanding every type of aid for agricultural production. p. 290.

Vol. 5, no. 6, 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

~~VANEČEK, P. Ya.~~ [Vaneček, P.J.]

Agricultural machinery at the Czechoslovak Exhibition.
Mekh. sil'. hosp. 11 no.10:5-6 0 '60. (MIRA 13:9)

1. Soтрудnik Chekhoslovatskoy akademii sel'skokhozyaystvennykh
nauk.

(Czechoslovakia--Exhibitions)
(Czechoslovakia--Agricultural machinery)

REINIS, Z.; HRABANE, J.; NEUMAN, J.; POKORNY, J.; KARASEK, F.; TRAVNICEK, T.;
VANECEK, R.

Attempt to produce experimental atheroma by intravenous administration
of colloidal cholesterol. Cas.lek.cesk. 90 no.23:694-698 8 June 1951.
(CJML 20:9)

1. Of the Fourth Internal Clinic of Charles University (Z. Reinis,
J. Hrabane, J. Neuman, J. Pokorny). 2. Of the Institute of Physiology
of Charles University (F. Karasek, T. Travnicek). 3. Of the Second
Institute of Pathology of Charles University (R. Vanecek).

HAMMER, Jan, MUDr; NEMECEK, Jan, MUDr; VANECEK, Rudolf, MUDr

Perforation of the interventricular septum in myocardial infarct,
diagnosed in vivo. Cas.lek.cesk. 91 no.9:268-272 29 Feb 52.

1. Z interniho odd. Statni fakultni nemocnice--odbocka Budinova
nemocnice, Praha III, prednosta: MUDr Jindrich Karpisek, a z II.
pathol. -anatomickeho ustavu, prednosta: prof. dr. Vaclav Jedlicka.
(MYOCARDIAL INFARCT, complications,
interventric. septum perf., diag.)
(CARDIAC SEPTUM, perforation,
in myocardial infarct, diag.)

VANECEK, RUDOLF

CTIRAD, John; SCHINDLER, Jiri; VANECEK, Rudolf

Susceptibility of young rats to strains of Brucella of varying virulence. J. Hyg. Epidem., Praha 1 no.3:342-352 1957.

1. Department of Medical Microbiology & immunology, Charles University, Prague
2nd Department of Pathology, Charles University, Prague.
(BRUCELLA, infect.

susceptibility of young rats to strains of varying virulence)

CZECHOSLOVAKIA/Microbiology. Hemoglobinophilic Bac- F-5
teria. Brucellae

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62446

Author : John Stirad, Vanocek Rudolf

Inst : -

Title : Formation of Antibodies and Tissue Changes in
Experimental Brucellosis in Young Rabbits.

Orig Pub : Ceskosl. epidemiol., mikrobiol., imunol., 1957,
6, No 1, 12-19

Abstract : Intracerebral infection of young rabbits with
highly virulent brucellae, strain Brucella abortus
2119 in a quantity of 2×10^8 , produced the
development of fatal brucellosis: 3-week rab-
bits died in the course of 6, and 4-week in the
course of 8, days. The brucellae were ob-
tained from bone and cephalic marrow, the spleen,
and liver. In the blood serum of the inoculated

Card : 1/3

CZECHOSLOVAKIA/Microbiology. Homogloboinophilic Bac- F-5
teria. Brucellae

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62446

animals, agglutinins and complement-binding antibodies were found in the course of a week after infection, and in the course of 16 days-- in the extracts from the bone marrow and spleen of the dead animals. In the course of the first days after infection of 3-week old rabbits with *B. abortus* (strain 1914), the spleen and bone marrow extracts showed incomplete antibodies. The final ones were also observed in blood serum and in the extracts of the liver, spleen, and bone marrow on the 11th day after subcutaneous introduction of live vaccine VA into 8-day-old rabbits. From that very day it is possible to discover antibodies in the blood serum binding the complement, whereas in extracts from organs, the latter appeared only after 19 days following vaccination. Tissue

Card : 2/3

CZECHOSLOVAKIA/Microbiology. Hemoglobinophilic Bac- T-5
teria. Brucellae

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62446

changes in intracerebrally infected young rabbits were small. In intraperitoneal infection, or in subcutaneous introduction of live vaccine VA, changes are considerably sharper. In the last case, except for the accumulation of Kupffer cells and polynuclears, epithelial nodules also appeared in the liver. In light ones, together with mono-nuclear infiltrations of alveolar screens, there were also discovered isolated nodules of epithelial structure.
-- G.Ye. Frankina

Card : 3/3

37

VANECEK, R.

KARPISEK, J.; LHOTKA, J.; TION, F.; VANECEK, R.

Chronic jaundice with undetermined pigment in liver cells.
Cas. lek. cesk. 96 no.20:611-613 17 May 57.

(JAUNDICE, case reports
with undeterm. liver pigment, diag. & pathogen. (Cz))

REINIS, Z.; HRABANE, J.; VANECEK, R.; KUBAT, K.; TRAVNICEK, T.; TRAVNICEK, E.

Effect of cortisone in clinical and experimental atherosclerosis.
Sborn. lek. 60 no.10:299-306 Oct 58.

1. Iv. internii klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. dr. Bohumil Prusik II. patologick-anatomicky ustav fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. dr. Vaclav Jedlicka Fysiologicky ustav fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. dr. Frantisek Karasek.

(CORTISONE, ther. use,
arteriosclerosis, clin. & exper. studies (Cz))
(ARTERIOSCLEROSIS, ther.
cortisone, clin. & exper. studies (Cz))

REINIS, Z.; FUCHMAYER, V.; HRABANE, J.; VANECEK, R.; KUBAT, K.; DUBEN, Z.

Contribution of experimental atherosclerosis in chicks. Sborn. lek.
61 no.11-12:325-330 Nov 59.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy
v Praze, prednosta prof. dr. M. Fucik II patologickoanatomicky ustav
fakulty vseobecneho lekarstvi University Karlovy v Praze. prednosta
prof. dr. V. Jedlicka Okresni veterinarni stredisko, Caslav.
(ARTERIOSCLEROSIS, exper.)

KARPISEK, J.; NEVYJEL, P.; VACKOVA, Vl.; VANECEK, R.

Contribution to the picture of renal osteodystrophy. Cas.lek.
cesk. 98 no.37:1158-1165 11 S '59.

1. Statni sanatorium v Praze XVI, reditel dr. F. Zavodny. II.
patologickoanatomicky ustav fakulty vseobecneho lekarstvi v
Praze, prednosta prof.dr. V. Jedlicka.
(RICKETS RENAL)

PREROVSKA, I.; VANECEK, R.; KUBAT, K.

Effect of carbon disulfide on experimental atherosclerosis in the rabbit. Acta univ. carol. [med.] Suppl. 14:177-185 '61.

1. Klinika nemoci z povolani fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. J. Teisinger II. patologicko-anatomicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. V. Jedlicka.
(ARTERIOSCLEROSIS exper) (CARBON DISULFIDE pharmacol)

REINIS, Z.; FUCHMAYER, V.; VANECEK, R.; KUBAT, K.; DUBEN, Z.

The influence of environmental factors on experimental atherosclerosis in chickens. Cor Vasa 3 no.3:178-187 '61.

1. Fourth Medical Clinic, Second Institute of Pathology, Charles University, Prague, and Veterinary Center, Caslav, Czechoslovakia.

(ARTERIOSCLEROSIS exper) (ENVIRONMENT)
(CHOLESTEROL nutrition & diet)

SOUCKOVA, Jitka; VANECEK, Rudolf; technicka spoluprace: PREVOROVSKA, V.;
SUKOVA, M.

Certain results of experimental intravenous staphylococcal infection
of rabbits. Toxic and invasive differences in 2 strains of Staph.
aureus. Cesk.epidem.mikrob.imun.10 no.1:40-47 Ja '61.

1. Ustav ser a ockovacich latek v Praze, II. patologickoanatomicky
ustav KU v Praze.

(STAPHYLOCOCCAL INFECTIONS exper)

VANECEK, R.

Morphological substrate of ischemical heart diseases. Act: univ. carol. [med.] Suppl. 14:431-439 '61.

1. II. patologickoanatomicky ustav fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. V. Jedlicka.
(CORONARY DISEASES pathol)

REINIS, Z.; PUCHMAYER, V.; PROCHAZKA, B.; DUBEN, Z.; VANECEK, R.; KUBAT, K.

Effect of nutrition and physical activity on experimental atherosclerosis in chicks. Cas.lek.cesk 100 no.22:670-677 2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik, Veterinarni sprava Havlickov Brod, II. patologickoanatomicky ustav KU v Praze, prednosta prof. dr. V. Jedlicka.

(ARTERIOSCLEROSIS exper)

REINIS, Z.; PUCHMAYER, V.; SEDLAKOVA, E.; SULC, M.; VANECEK, R.; KUBAT, K.;
TRAVNICKOVA, E.

Effect of chlortetracycline on experimental atherosclerosis in rabbits.
Cas.lek.cesk 100 no.37:1153-1156 15 S '61.

1. IV. interni klinika, Angiologicka laborator, II. patologickoanatomicky
ustav, Fyziologicky ustav KU v Praze.

(CHLORTETRACYCLINE pharmacol)
(ARTERIOSCLEROSIS exper)

CZECHOSLOVAKIA

REINIS, Z.; WENKE, M., Docent Dr; SUDC, M; LOJDA, Z; KUBAT, K;
VANECEK, R.

1. Fourth Internal Medicine Clinic (IV. nitrai klinika);
2. Pharmacological Institute (Farmakologicky ustav)
(for Wenke);
3. Angiological Laboratory (Angiologicka
laborator);
4. Second Institute of Pathological
Anatomy (II. ustav patologickoanatomicky), Prague

Prague, Vnitrai lekarstvi, No 12, 1961, pp 1145-1153

"The Influence of Alloxan Diabetes on Experimental
Atherosclerosis."

(6)

CZECHOSLOVAKIA

VANECEK, R., Second Institute of Pathological Anatomy (II. pato-
logickoanatomicky ustav), Faculty of General Medicine (Fakulta
vseobecneho lekarstvi), Charles University, Prague, Prof. Dr. V.
JEDLICKA, Dr of Sciences, director; and SOUCKOVA, J., Serum and
Vaccine Institute (Ustav ser a ockovacich latek), Prague, J.
MLADEK, MD, director.

"The Influence of an Active Immunization With Staphylococcal
Anatoxin on Experimental Infections in Rabbits"

Prague, Casopis Lekarů Ceských, Vol CII, No 32/33, 16 August 1963,
pp 870-874.

Abstract [Authors' English summary]: Investigated was the pro-
tective effect of immunization with staphylogoccal anatoxin in
rabbits infected intravenously with the 3323 virulent strain.
All immunized animals survived and changes in their organs de-
veloped only after an administration of very massive doses of
microbes, but even then the changes differed from those in
control animals and resembled the changes in spontaneously re-
sistant animals. Immunized animals showed a striking presence
of interstitial lymphoplasmocytic nephritis. This affection
caused the development of a contracted kidney in chornic exper-
iments. The findings could be applied in renal pathology. Four-
teen references, including 3 Czech.

1/1

- 4 -

CZECHOSLOVAKIA

KREJCI, D., and VALECEK, R., State Sanatorium in Prague, F. ZA-
VODNY, MD, director.

"Cryptococcal Meningoencephalitis Treated Unsuccessfully With
Amphotericin B"

Prague, Casopis Lekarů Ceskych, Vol CII, No 32/33, 16 August
1963, pp 910-914.

Abstract [Authors' English summary]: Described is a case of crypto-
coccal meningoencephalitis in a fifty year old diabetic patient
treated with Amphotericin B. After a temporary improvement he de-
veloped an exacerbation which was fatal. Apart from a massive
affection of the meninges, particularly at the base of the brain,
arteritis was found, which in some places was necrotic; it
affected the arterial extracerebral branches and produced a pro-
ductive phlebitis of the meninges at the base of the brain. Un-
usual was the finding of red malacias in the brain, probably a
result of anoxia produced by an affection of the vessels at the
base of the brain. Discussed is the therapy and predisposing
influence of diabetes. Twenty-six references, including 8 Czech.

1/1

DUDEN, Z.; REINIS, Z.; PUCHMAYER, V.; SULC, M.; KUBAT, K.; VANECEK, R.

Ecological factors in experimental arteriosclerosis in fowl.
Sborn. Lek. 66 no.5:125-136 Ap '64.

1. IV. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta prof. dr. M. Fucik), II. patologicko-
anatomicky ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta prof. dr. V. Jedlicka, DrSc.) a
Veterinarni laborator v Havlickove Brode, oddeleni pro choroby
drubeze.

CZECH

A. K. ...

~~Ergot alkaloids. IV. The analysis of alkaloids in single
alkaloids by paper chromatography K. Macek and S.
Vandek. Věstník chemického ústavu v Praze 1964, 40, 111-114~~

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858520015-6"

V ERATRUM, VERATRINA.

Veratrum alkaloids. IV. Analysis of veratrine by paper chromatography. Karel Macek, Stanislav Janáček, and Jitka Pávková. *Chem. Abstr.* 1964, 59:1561. *Chem. Abstr.* 1964, 59:1561.

50:4901a. Methods are described for evaluating the preps of veratrum alkaloids. Semiquantitatively were detd alkaloids consist of veracevine and veragenine, cevaccine, cevaccine I, and veratridine II. Quantitatively were detd I and II in 0.4-0.8 mg samples with an error of ± 3%. Compou used pharmaceutical preps of C.A. 50:3823. Reference: 1:47:1963. V. Synthesis and structure of some new esters of veracevine, cevagenine, and cevine. partial synthesis of cevaccine and veratridine. Zdeněk J. Vojdělík, Karel Macek, and Bretislav Buděšinský. *Chem. Abstr.* 1964, 60:522. The preps and properties are described of a series of derivs of veracevine (I), cevagenine (II), and cevine (III). The derivs were purified by chromatography on Al₂O₃ pretreated with H₂SO₄. Positions of esterified OH-groups were detd. by titrating with 0.1 N Pb(OAc)₂ and 0.1 N CrCl₃ in AcOH; by infrared spectra; and by paper chromatography. I and II were obtained by the method of Vojdělík *et al.* (C.A. 50:4901a) and III by the method of Vojdělík *et al.* (C.A. 50:4901a). I (2.04 g) and 0.35 g Ac₂O in 20 ml pyridine at 20°C yielded 23 mg of ester, veracevine IV, in 50% yield. II (2.04 g) and 0.35 g Ac₂O with natural cevaccine (14.0 mg) yielded cevaccine V, in 23% yield. III (1.78 g) and 0.35 g Ac₂O yielded 125 mg of ester by heating to 100°C.

1. AXK
IV (1.5 ml. AcOH and 10 ml. pyridine) at 100°C. Purification by column chromatography on silica gel (100 mg) gave 10 mg of 16-*geratroyl* sesquiterpene (VII) (m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (CHCl₃); identical with natural *geratriol*). VI (1.5 ml. AcOH and 10 ml. pyridine) at 100°C and VII (1.5 ml. AcOH and 10 ml. pyridine) at 100°C yielded 1.4 g of 16-*geratroyl* sesquiterpene (VII) (m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (CHCl₃); identical with natural *geratriol*).
VII (1.5 ml. AcOH and 10 ml. pyridine) at 100°C gave after purification 45 mg of 16-*geratroyl* sesquiterpene (VII) (m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (CHCl₃); identical with natural *geratriol*), and 765 mg of 16-*geratroyl* sesquiterpene (VIII) (m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (CHCl₃); identified by NMR with 16-*geratroyl* sesquiterpene and by comparison of IR with that of natural *geratriol*).
VIII (1.5 ml. AcOH and 10 ml. pyridine) at 100°C gave 2.40 g of white amorphous 16-*geratroyl* sesquiterpene (IX) (m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (CHCl₃); identical with natural *geratriol*). IX was also obtained by analogous procedure from VIII and from natural VII.
When 2.04 I was heated 90 min in CCl₄ with 0.60 g of EtCHMeCOCl (X) in the presence of 1.5 ml. pyridine the main reaction product was 720 mg of 3-(*dl*-methylbutyl) sesquiterpene (XI), m.p. 183-200°; $[\alpha]_D^{25}$ -23.8° (CHCl₃) and 18.3° (EtOH) besides 260 mg of 3-(*dl*-methylbutyl) sesquiterpene (XII), m.p. 273.5°; $[\alpha]_D^{25}$ 8° (EtOH), and -27° (CHCl₃), whereas treatment of 4 g I with 7 g (*dl*-EtCHMeCOCl) for 1 hr at 120° yielded 2.12 g XII and 800 mg XI. XII could be converted by methanolysis to XI. A mixture of 1 g II, 15 ml. AcOH, and 30 ml. pyridine gave after standing 12 hrs 1.2 g of 16-*geratroyl* sesquiterpene (XIII), m.p. 173-4°; $[\alpha]_D^{25}$ -9.5° (EtOH); besides 650 mg of acetate which has been assigned the structure of 16-*geratroyl* sesquiterpene acetate (XIV), m.p. 116°; $[\alpha]_D^{25}$ -6° (EtOH), -38° (CHCl₃). Similar, 1.04 g II in 20 ml. pyridine with 1.0 g X in 72 hr gave 350 mg monomer, apparently of 3-II.

MACEK.K

(KIV)

α-methylbutyryl ketone (XV), m. 143° (from C₆H₆), [α]_D²⁰ -42° (CHCl₃). III (3.28 g, 0.06 mol) abs. Et₂O was boiled 9 hrs. under stirring with 0.8 g X and extd. with CHCl₃ and the ext. was concentrated, yielding 610 mg *β*-(*α*-methylbutyryl) ketone (XVI), m. 148-149° (from sq. EtOH), [α]_D²⁰ 11° (EtOH). By the procedure of Barton, et al. (4-49, 1542), were obtained 1,4,10-tri-

MAC EK. K.

acetylcevine (XVII), m. above 400°, $[\alpha]_D^{25} +23.7^\circ$ (CHCl₃),
 3,16-diacetylcevine (XVIII), 16-acetylcevine (XIX), m. 182-4°
 and XIX perchlorate, m. 306-7°, $[\alpha]_D^{25} +4.5^\circ$ (EtOH). On
 methanolysis, 1.3 g. XVII gave 860 mg. 3,4-diacetylcevine
 and 800 mg. XVIII yielded 215 mg. 3-acetylcevine. The
 perchlorate of 3,4,12 (or 14)-16-tetraacetylcevine (XX), m. 290-
 2° (decomp.), $[\alpha]_D^{25} +32^\circ$ (EtOH), prepd. by the method
 of Stoll (C.A. 47, 12411c) was converted to 3,4,16-triacyl-
 cevine orthoacetate perchlorate, m. 268-9°, $[\alpha]_D^{25} +16^\circ$ (Me-
 OH). Methanolysis of 0.7 g. XX gave 120 mg. 14,15- or
 14-triacetylcevine (XXI), m. 224-30° and 304-5° (double
 m.p.), $[\alpha]_D^{25} +44^\circ$ (CHCl₃), which yielded on methanolysis
 3,12 (or 14)-diacetylcevine (XXII), m. 226-8° (from Et₂O).
 On the basis of infrared spectra, paper chromatography, and
 CrO₃ oxidation it is suggested that in XX, XXI, and XXII,
 one AcO group is at the 12 or 14 position. Methanolysis
 of 200 mg. 3,16-dibenzoylcevine gave 60 mg. 12-benzoyl-
 cevine, m. 194-6°, $[\alpha]_D^{25} +22^\circ$ (CHCl₃). L. J. Urdánek.

14
11

VANECEK, S.

COUNTRY : Czechoslovakia B-13
CATEGORY : Physical Chemistry--Surface phenomena. Adsorption. Chromatography. Ion exchange.
ABS. JOUR. : RZKhim., No. 14 1959, No. 48920
AUTHOR : Macek, K. and Vanecek, S.
INST. : Not given
TITLE : Investigation of Systems Including Formamide as the Fixed Phase in Paper Chromatography
ORIG. PUB. : Chem Listy, 52, No 4, 618-622 (1958)
ABSTRACT : It is shown that in paper chromatography using formamide (I) as the fixed phase, pure I must be used with a pH in the range of 8-9. The authors have measured the amount of I absorbed by some of the customary types of paper used in chromatography and have investigated the kinetics of the evaporation of I from the paper and of its elution by the mobile solvent as well as the effect of pH on separation efficiency.
Authors' summary

CARD: 1/1

V. L. F. E. K. - C

... of the ... from ...

VANECEK, S.; MACEK. K.

"Ergot alkaloids." XII. Paper chromatography of stereoisomeric hydroxyalkylamides of lysergic acid. In German p. 315.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech.,
Vol. 24, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59
Unclassified

COUNTRY : Czechoslovakia 5-17
CATEGORY :
ABS. JOUR. : RZKhim., No. 22 1959, No. 77989
AUTHOR : Macek, K. and Vanecek, S.
INST. : Not given
TITLE : The Investigation of Systems with formamide as
the Fixed Phase in Paper Chromatography
ORIG. PUB. : Collection Czechoslov Chem Commun, 24, No 2, 723-
728 (1959)
ABSTRACT : See RZnKhim, 1959, No 14, 48920.

CARD: 1/1

59

VANECEK, S.

(1)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]
Affiliation: Research Institute of Pharmacy and Biochemistry (Forschungs-
institut fuer Pharmazie und Biochemie), Prague

Source: Prague, Collection of Czechoslovak Chemical Communications,
Vol 26, No 11, November 1961, pp 2705-2726

Data: "Synthetic Investigations in the Group of Alkaloids with
Hypotensive Effect. XX. The Contribution of Paper Chromato-
graphy to the Investigation of the Synthesis of Reserpoids."

Authors:

✓
MACEK, K
✓ VANECEK, S

MACEK, K.; VANECEK, S.; BECVAROVA, H.

Chromatographic determination of some intermediate products
of ephedrine synthesis. Coll. Cz. Chem. 29, no. 1:311-315 Ja'64.

1. Forschungsinstitut für Pharmazie und Biochemie, Prag.

VANECK, V., doktor, professor.

New organization of Czechoslovak Scientific Workers. Biul.
VFNR no. 10:253-254 Ag-0 '54. (MIRA 8:2)

1. Chlen-korrespondent Chekhoslovatskoy Akademii nauk. 2. Pre-
zident Komissii nauchnykh rabotnikov.
(Czechoslovakia--Scientific societies)

VANECEK, Vaclav

On the development of the organization of the Czechoslovak Academy of Sciences. Vestnik CSAV 70 no.1:7-26 '61.

1. Glen korespondent Ceskoslovenske akademie ved.

VANECEK, Vaclav

Three conferences on legal history in Brussels. Vestnik CSAV 71
no.5:602-605 '62.

1. Clen korespondent Ceskoslovenske akademie ved.

L 3121-66 EWA(d)/EWP(t)/EWP(z)/EWP(b) JD

ACCESSION NR: AP5026885

CZ/0034/65/000/006/0418/0423

AUTHOR: Koutsky, Jaroslav (Docent, Engineer, Doctor of sciences); Vanacek, Vladimir (Engineer)

TITLE: Effect of vacuum remelting on the properties of ferritic heat resisting steels. Part 2. Low alloy Cr-Mo-V steels

SOURCE: Hutnicke listy, no. 6, 1965, 418-423

TOPIC TAGS: vacuum melting, heat resistant steel, low alloy steel, solid mechanical property

ABSTRACT: /Authors' English summary modified/: The steels that were investigated were of the 12% Cr type Cr12W2V; Poldi HDM Czech. Norm 15 236, and Lof svor extra Czech. Norm 15 320. Bars of the steels were subjected to 3 methods of treatment: vacuum remelting under normal operating conditions, vacuum remelting at a slower melting rate, and induction furnace remelting. Bars produced by these treatments were compared to the original product. Vacuum melting improved the notch strength of the HDM steel, and the plasticity of the

Card 1/2

3121-66

ACCESSION NR: AP5026885

Low carbon extra steel tested under long term stress conditions. The main improvement due to vacuum remelting is the achieving of homogeneity of the properties in large wrought steel products, rather than some radical improvement of mechanical properties.

"The authors thank the workers of the Research and Development Institute ZVIL, Plzen, Eng. Zdenek Kletecka and Stanislav Vetyska, for cooperation in the experimental works." Orig. art. has: 8 figures, 8 graphs, 3 tables.

ASSOCIATION: Vyzkumny a zkusebni ustav, ZVIL, Plzen (Research and Material Testing Institute, ZVIL)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 002

JPRS

OC
Card 2/2

VANECEK, V.

"Calculation of the liquid vapor equilibrium from the viscosity of the liquid phase."

p. 1569 (Collection of Czechoslovak Chemical Communications. Praha, Czechoslovakia.)

Monthly Index of East European Acquisitions (EEAI) LC. Vol. 22, no. 5, Oct. 1957

CZECHOSLOVAKIA / Physical Chemistry. Thermodynamics. B
Thermochemistry. Equilibria. Physico-
Chemical Analysis. Phase Transitions.

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56665.

Author : Vanecek Vojtech.

Inst : ~~Not given.~~

Title : Calculation of the Liquid-Vapor Equilibrium on
the Basis of Liquid Phase Viscosity.

Orig Pub: Chem. listy., 1957, 51, No 5, 799 - 802.

Abstract: The possibility of calculating the constants
for the Van Laar equation of the third order
for binary liquid mixtures from the liquid
phase viscosity was investigated by applying
fluidity relations obtained by Eyring and oth-
ers. (Roseveare W. E., Powell R. E., Eyring
M. J., Appl. Phys., 1941, 12, 669) and vis-

Card 1/3

7

CZECHOSLOVAKIA / Physical Chemistry. Thermodynamics. B
Thermochemistry. Equilibria. Physico-
Chemical Analysis, Phase Transitions.

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56665.

Abstract: cosity relations bases on an example of an acetone - chloroform system at 39° obtained by Reik (RZhKh, 1956, 71109), (as well as on several ether - acetone systems $\text{CCl}_4 - \text{C}_6\text{H}_6$, $\text{C}_2\text{H}_5\text{OH} - \text{C}_6\text{H}_6$, $\text{C}_2\text{H}_2\text{OH} - \text{H}_2\text{O}$, $\text{CS}_2 - \text{acetone}$).

Neither of the above indicated calculation methods is applicable for systems containing at least one first-class or second-class component as classified by Ewell (Ewell R. H. Hatrison J. M., Berg. L., Indust. and Engng Chem., 1944, 36, 871). Even a reverse calculation of the viscosity based on known activity coefficients proves impossible. The formulae for the con-

Card 2/3

CZECHOSLOVAKIA / Physical Chemistry. Thermodynamics. B
Thermochemistry. Equilibria. Physico-
Chemical Analysis, Phase Transitions.

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56665.

Abstract: stants A and AB in the Van Laar equation, derived for the remaining systems offer approximate values only, regardless of the deviation extent of the given system from the ideal state. Even in cases where the viscosity calculation results are satisfactory, the reverse calculations for free enthalpy are inaccurate. In order to determine the activity coefficient on the basis of viscosity, it is necessary to find more accurate initial relations than those offered in the publication.

Card 3/3

8

COUNTRY : Czechoslovakia H-2
CATEGORY :
ABS. JOUR. : RZhKhim., No. 16 1959, No. 57338
AUTHOR : Vanecek, V. and Standart, G.
INSTR. : ~~NOT GIVEN~~
TITLE : Enrichment in Partial Condensers
ORIG. PUB. : Collection Czechoslov Chem Commun, 23, No 9,
1689-1694 (1958)
ABSTRACT : A translation. See RZhKhim, 1959, No 7, 23642.

CARD: 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Chemical Engineering.

H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23642

Author : Vanecek, V., Standart, G.

Inst : -

Title : Rectifying Action of Dephlegmators.

Orig Pub : Chem. listy, 1958, 52, No 5, 859-863

Abstract : Investigations were conducted on a vapor mixture of two liquids miscible in all proportions (methanol-water, ethanol-water, acetone-water) in a countercurrent dephlegmator consisting of a vertical tube. Experiments were carried out at varying vapor velocities and also varying

Card : 1/2

H - 5

VANECEK, V.

Reactions between granular solids and fluids in continuous reactors.
Coll Cz Chem 25 no.9:2395-2404 S '60. (EEAI 10:9)

1. Research Institute for Inorganic Chemistry, Usti nad Labem.

(Fluidization)

VANECEK, Vojtech; MARKVART, Miroslav; DRBOHLAV, Radek

Economy of fluidized drying. Chem prum 11 no.11:577-580 N '61.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

VANECEK, V.; MOUDRY, F.; NEMECEK, J.

Cooling of granular substances in whirling layers. Coll Cz chem
27 no.5:1081-1090 My '62.

1. Forschungsinstitut für anorganische Chemie, Usti nad Labem.

MOUDRÝ, F; VANĚČEK, V.

Czechoslovakia

Research Institute for Anorganic Chemistry -- Usti nad
Labem - (for all)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, 1962, pp 2477-2489

"Distribution function of material transitions in
several mutually found continuous reactions."

VANECEK, Vojtech

"Fluid technology" by Jaroslav Beranek and Drahonir Sokol. Reviewed
by Vojtech Vanecek. Chem prum 12 no.1:38-39 Ja '62.

1. Vyzkumny ustav anorganicke chemie.

TROJAN, Jaromir; VANECEK, Vojtech

Fluidized bed roasting of zinc blende. Chem pruz 13 no.4:193-195
Ap '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.