

VRBOVA, G.

Investigation on phylogenesis of central regulation of muscular metabolism of carbohydrates. Cesk. fysiол. 4 no.1:31-34 28 Feb 55.

1. Fysiologicky ustav Cs. akademie ved, Praha.
(CENTRAL NERVOUS SYSTEM, physiology,
regulation of musc. carbohydrate metab.)
(CARBOHYDRATES, metabolism,
musc., regulation by CNS)
(MUSCLES, metabolism,
carbohydrates, regulation by CNS)

VRBOVA, G.

Role of proprioceptors in tetanic intoxication. Chekh. fiziol.
3 no.1:77-82 1954.

1. Biologicheskiy institut Chkhs1. Akademii Nauk, Fiziologicheskoye
otdeleniye, Praga.

(MUSCLES, physiology,
proprioceptors in exper. tetanus)

(TETANUS, experimental,
musc. proprioceptors in)

VRBOVA, G.

BRANEK, R.; HNIK, P.; VRBOVA, G.

Denervation Atrophy and Reinnervation of Various Skeletal Muscles in the Rat. *Physiol. bohém.* 6 no.2:200-204 1957.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.
(MUSCLES, dis.

 exper. atrophy after denervation in rats, eff. of reinnerv.)
(NERVOUS SYSTEM, physiol.

 eff. of denervation & reinnerv. on musc. atrophy in rats.)

VREOVA, G.

BERANEK, R.; HNIK, P.; VRBOVA, G.

Course of re-innervation of a denervated muscle. Cesk. fysiolo. 6 no.3:
348-353 Aug 57.

1. Fysiologicky ustav CSAV, Praha.

(MUSCLES, innervation,

re-innervation of denervated musc. (Cz))

GUTMANN, H.; VRBOVA, O.

Physiology of a tenotomized muscle. Chekh. fiziol. 1 no.3:205-219
Sept 52.

1. Tsentral'nyy institut biologii, fiziologicheskoye otdeleniye,
Praga.

(MUSCLES, physiology,
eff. of tenotomy)

VRBOVA, G.

Activities of the physiological committee of the Scientific
Council of OKPS. Chekh. fiziol. 3 no.3:367-368 1954.
(PHYSIOLOGY,
in Czech.)

VRBOVA, G.

Stability of water metabolism in the cerebrum. p. 130.

SO: East European Accessions List, Vol. 3, No. 9, Sept. 1954, Lib. of Congress.

VRBOVA, G.

"Effect of Age on the Rate of Development Muscular Atrophy in Rats." p. 53 (CHEKHOSLOVATSKAI
FIZIOLOGIIA, Vol. 1, No. 1, Mar. 1952) Praha, Czechoslovakia

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

BERANEK, R.; FANTIS, A.; GUTMANN, E; VERBOVA, G.

Cerebral edema following trepanation [with summary in German]. Chekh.
fiziol. 1 no.2:142-152 '52. (MLBA 6:12)

1. Tsentral'nyy institut biologii, fiziologicheskoye otdeleniye, Praha.
(Brain--Surgery) (Edema)

GUTMANN, E.; VERBOVA, G.

Reflex regulation of metabolic, the so-called "trophic", processes [with
summary in German] Chekh. fiziol. 1 no.1:38-52. (MLBA 6:12)

1. Tsentral'nyy institut biologii, Fiziologicheskoye otdeleniye, Praha.
(Metabolism)

GUTMANN, E.; BASS, A.; VODICKA, Z.; VRBOVA, G.

Nervous control of trophic processes in striated muscle.
Physiol. bohém. 5:14-16 Suppl. 1956.

1. Institute of Physiology, Czechoslovak Academy of Sciences,
Prague.

. (MUSCLES, metab.

glycogen, control by nerves in striated musc.)

(GLYCOGEN, metab.

musc., control by nerves in striated musc.)

Vrbová, G.

✓ Phylogenesis of the central regulation of carbohydrate metabolism in muscle. G. Vrbová. *Českoslov. Fyziol.* 4, No. 1, 31-4 (1956). *Excerpta Med.* Sect. 11, 8, 1088 (1965). Glycogen was detd. in either the gastrocnemius or the muscle extension digitorum longus of both legs in rabbits, guinea pigs, rats, and frogs after one-sided denervation (sciatic nerve). In some animals myelotomy at thoracic vertebrae 4-6 was carried out immediately before denervation. In rabbits, guinea pigs, and rats, muscle glycogen changed equally after denervation or myelotomy. In other words differences in glycogen levels between the innervated and denervated sides disappeared after myelotomy. In frogs, on the other hand, muscle glycogen still increased on the denervated side even after myelotomy. It is concluded that at lower phylogenetic levels the spinal centers suffice to regulate muscle glycogen levels, while at a higher phylogenetic level higher nervous centers are necessary for such regulation. In that sense it is considered possible to speak of "corticalization" of metabolic processes. K. L. G.

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1

CZECHOSLOVAKIA/Human and Animal Physiology. The Nervous System.

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27421.

Author : G. Vrbová and E. Gutmann

Inst : ~~XXXXXXXXXX~~

Title : Recovery of Conditioned Motor Reflexes After Interruption of a Nerve.

Orig Pub: ^KČeskosl. fysiол., 1956, 5, No 1, 1-12.

Abstract: Reflex spreading of the phalanges of the extremities can be produced in the rat by suddenly interrupting the animal's equilibrium (by removing the support upon which it is leaning). Such an unconditioned stimulus served as reinforcement in the formation of a conditioned response to the sound of a bell. Eight combinations were performed

Card : 1/3

CZECHOSLOVAKIA/ Human and Animal Physiology. The Nervous
System

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27421.

by the emergence of inhibitory processes in the motor analyser within the period of denervation and recovery. When the posterior roots were sectioned at the level of L₁--L₂, the unconditioned reflex remained, but fatigued rapidly. The conditioned reflex was produced with great difficulty, and during its elicitation the phenomenon of extinction took place, the cause of which was the absence of afferent signalization.

Card : 3/3

CZECHOSLOVAKIA / Human and Animal Physiology. Metabolism. T
Carbohydrate Metabolism.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101616.

Abstract: muscles after RES and physical strain were not noted. After preliminary glucose introduction, the amount of I in the muscles of trained rats was smaller, compared with the control; it remained the same after the infliction of RES. Thus, training removed the changes of adaptive functions of the organism which usually occur after disorders of HNA. -- S. Ya. Marmorshteyn.

Card 2/2

4

VRBOVA, G.

Investigation on phylogenesis of central regulation of muscular metabolism of carbohydrates. Cesk. fysiол. 4 no.1:31-34 28 Feb 55.

1. Fysiologicky ustav Cs. akademie ved, Praha.
(CENTRAL NERVOUS SYSTEM, physiology,
regulation of musc. carbohydrate metab.)
(CARBOHYDRATES, metabolism,
musc., regulation by CNS)
(MUSCLES, metabolism,
carbohydrates, regulation by CNS)

BERANEK, R.; FANTIS, A.; GUTMANN, E.; VRBOVA, G.

Cerebral edema following trephining. *Cesk. fysiolo.* 1 no.2:108-115
1952. (CLML 23:4)

1. Of the Physiological Department of the Central Institute of Biology
(Director--Malek). 2. Experimental work.

DRAHOTA, Z.; GUTMANN, E.; VRBOKA, G.

Determination of potassium in normal, denervated, and re-innervated muscles. Cesk. fysiол. 5 no.3:276-282 1956.

1. Fysiologicky ustav CSAV, Praha.

(MUSCLES, metabolism,

potassium, eff. of denervation in animals (Cz))

(POTASSIUM, metabolism,

muscle, eff. of denervation in animals (Cz))

VRBOVA, G.; GUTMANN, E.

Restoration of motor conditioned reflexes following interruption of the nerve. Cesk. fysiolog. 5 no.1:1-12 26 Mar 56.

1. Fysiologicky ustav CSAV, Praha.

(REFLEX, CONDITIONED,

restoration of motor reflexes after interruption of nerve conduction (Cz))

VRBOVA, G.; GUTMANN, E.

Disorders of motor function in poliomyelitis with special
reference to signal system. Cesk. pediat. 11 no.6:420-426
June 56.

1. Fysiolog. ustav CSAV.
(POLIOMYELITIS, physiology,
motor disord., role of signal system (Cz))

VRBOVA, G.

Age factor in muscle atrophy rate in lemming. Cesk. fysiolo. 1 no.1:38-42 1952.
(CML 23:4)

1. Of the Physiological Department of the Central Institute of Biology.

VRBOVA, G.

Effect of repeated physical effort on modification of metabolism of the skeletal muscles in disorders of the higher nervous function. *Physiol. bohém.* 5 no.3:359-363 1956.

1. Physiologisches Institut der Tschechoslowakischen Akademie der Wissenschaften, Prag.

(EXERCISE, effects,

on musc. metabol. in higher nervous funct. disord. in rats (Ger))

(MUSCLES, metabolism,

eff. of repeated physical effort in higher nervous funct. disord. in rats (Ger))

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of repeated physical effort on musc. metab. in higher nervous funct. disord. in rats (Ger))

GUTMANN, E.; VRBOVA, G.

~~RESEARCH RESULTS~~
Reflex regulation of metabolic so-called trophic function. Cesk. fysiол.
1 no.1:26-37 1952. (CML 23:4)

1. Of the Physiological Department of the Central Institute of Biology.

GUTMANN, E.; VEBOVA, G.

~~CONFIDENTIAL~~
Stability of water metabolism in the brain. Cesk. fysiол. 1 no.2:
99-107 1952. (CML 23:4)

1. Of the Physiological Department of the Central Institute of Biology
(Director--Malek).

VRBOVA, G.

Effect of repeated work loads on metabolic changes in the skeletal muscles during dynamic disorders of the higher nervous function. Cesk. fysiол. 5 no.3:369-372 1956.

1. Fysiologicky ustav CsaV, Praha. .

(MUSCLES, metabolism,

eff. of repeated exercise in higher nervous funct. disord.
in rats (Cz))

(EXERCISE, effects,

on musc. metab. in higher nervous funct. disord. in rats
(Cz))

(CENTRAL NERVOUS SYSTEM, physiology,

eff. of higher nervous funct. disord. on musc. metab.
responses to exercise in rats (Cz))

VIEBOVA, G.

Effect of age on the development rate of muscular atrophy in rats (with summary in German] Chekh. fiziol. 1 no.1:53-58 '52. (MLBA 6:12)

1. Tsentral'nyy institut biologii, Fiziologicheskoye otdeleniye, Praha.
(Atrophy, Muscular)

EXCERPTA MEDICA Sec.2 Vol.9/12 Physiology, etc. Dec 56

5587. VRBOVA G. and GUTMANN E. Fysiol. Ústav CSAV, Praha. *Obnova pohybových podmíněných reflexů po přerušení nervu. Renewal of motor conditioned reflexes after nerve section. II. ČSL. FYSIOL. 1956, 5/1 (1-12) Graphs 8 Tables 1 illus. 1

Sudden changes in posture or dropping evoke reflex extension of the toes in rats. This unconditioned reflex is absent after the sciatic nerve has been crushed and returns in about 8-12 days. Light or the sound of a bell was used as conditioning stimulus. The conditioned reflex cannot be elaborated during the denervation period. The conditioned reflex present before denervation reappears immediately after reinnervation has occurred, if the reflex was not further worked out during the denervation period. On the other hand, further reinforcement of the reflex during the denervation period leads to disappearance of the reflex after reinnervation is completed. Section of the dorsal roots does not prevent the occurrence of this conditioned reflex. The reflex, however, is very labile and disappears during

5527 CONT

further conditioning. It is concluded that the absence of afferent signals from the extremities causes inhibition to occur in the cerebral cortex. Hahn - Prague

GUTMANN, E.; VRBOVA, G.

~~Stability of water metabolism in the cerebrum [with summary in German].~~
Chekh. fiziol. 1 no.2:130-141 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, fiziologicheskoye otdeleniye, Praha.
(Brain) (Water in the body)

~~V77~~ V7704 G.
GUTMANN, E.; POUPA, O.; RYCHLIK, I.; VRBOVA, G.

Osmotic cerebral edema. Biol. listy, Praha 32 no.3:159-174 Dec 51.
(CML 21:5)

1. Of the Central Institute of Biology (Head—Prof. I. Malek, M.D.)
and of the Institute of General Physiology (Head—Prof. F. Karasek,
M.D.). Experimental work has been done at Institute of Brain Research
(Head—Prof. H. Haskovec, M.D.).

VRBOVA, G.

KYČILIK I., GUTMANN E., JIROUT J., VRBOVA G.

Poruchy vodního metabolismu mozkové tkáně při roentgenovém ozáření. [Water metabolism disorders of the brain tissue in roentgen irradiation] Cas. lek. česk. 90:25 22 June 51 p. 770-3.

1. Of the Central Institute of Biology (Head--Prof. Ivan Malek, M.D.), Neuro-Physiological Section.
2. Of the Neurological Clinic of Charles University, Prague (Head--Prof. K. Kemner, M.D.).

CML 20, 10, Oct. 51

VRBOVA G., GUTHMANN E., JIROUT J., RYCHLIK I.

Poruchy vodního metabolismu mozkové tkáně při roentgenovém
ozáření. [Water metabolism disorders of the brain tissue in
roentgen irradiation] Ces. lek. cesk. 90:25 22 June 51
p. 770-3.

1. Of the Central Institute of Biology (Head--Prof. Ivan
Malek, M.D.), Neuro-Physiological Section.
2. Of the Neurological Clinic of Charles University, Prague
(Head--Prof. K. Hanner, M.D.).

CLML 20, 10, Oct. 51

VRBOVA, G.

Phylogenesis of central regulation of carbohydrate metabolism in muscles. Chekh.fiziol. 4 no.1:62-65 1955.

1. Fiziologicheski institut Chekhoslovatskoi Akademii nauk, Praga.

(SPINAL CORD, physiology,

eff. of myelotomy on musc. glycogen in mice)

(MUSCLES, metabolism,

glycogen, eff. of myelotomy & denervation in mice)

(GLYCOGEN, metabolism,

musc., eff. of myelotomy & denervation in mice)

VRBOVA, G.

GUTMANN, E; RYCHLIK, I; VRBOVA, G.

Cerebral edema. Cas. lek. cesk. 89 no.51:1449-1454 21 Dec 50.
(CML 20:4)

1. Of the Institute for Brain Research (Head-- Prof. Vl.Hasko-
vec, M.D.).

VRBOVA, G.;GUTMANN, E.;VODICKA, Z.

"Significance of the Nervous System for the Supercompensation of Glycogen
Loss in Skeletal Muscle." p. 172,
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 2, May 1954, Praha, Czechoslovakia)

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

VRBOVA, G.; BERANEK, R.; GUTMANN, E.

"Changes in the Synthesis of Glycogen during Recovery of the Function of
Enervated and Tenotomized Muscles." p. 39,
(CESKOSLOVENSKA, FYSIOLOGIE, Vol. 3, No. 1, Jan. 1954, Praha, Czechoslovakia)

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

VRBOVA, H.

Endocrinological problems of women in old age. Cesk. gynek.
30 no.6:462-467 Ag '65.

1. III. int. klin. fak. vseob. lek. Karlovy University v Praze
(prednosta akad. J. Charvat). Submitted December 22, 1964.

VRBOVA, H.

Determination of the level of corticosterone in rat adrenals in experimental hypo- and hyper-thyroidism. Cesk.fysiol. 9 no.3: 275-276 My '60.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice KU, Praha.

(HYPOTHYROIDISM exper)

(HYPERTHYROIDISM exper)

(ADRENAL CORTEX HORMONES chem)

VRBOVA, H.; SCHREIBER, V.; KMENTOVA, V.

Thyro-adrenal relationship; experiences with and analysis of certain experimental hypothyroidism and hyperthyroidism. Cesk. fysiол. 7 no.3: 252-253 May 58.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fakulty vseobecneho lekarstvi KU, Praha.

(ADRENAL CORTEX, physiол.

in exper. thyroid hyper- & hypofunct. (Cz))

(THYROID GLAND, physiол.

eff. of exper. hyper- & hypofunct. on adrenals (Cz))

VRBOVA, H. ; SCHREIFER, V. ; KMENTOVA, V.

"The thyroid-adrenal relationship; an attempt to analyze some phenomena of experimental hypothyreosis and hyperthyreosis in rats." p. 252.

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.

VRBOVA, Hana (Praha 2, U nemocnice 1.)

Adreno-thyroid relationship. Cas. lek. cesk. 98 no.8: Lek. veda zahr.
35-43 20 Feb 59.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice
fakulty vseobecneho k lekarstvi KU v Praze, prednosta akademik J. Charvat.
(ADRENAL CORTEX, physiol.
adreno-thyroid funct., review (Cz))
(THYROID GLAND, physiol.
same)

VRBOVA, J. ; VRABA, L.; NEUMANN, J.:

(Increasing the economic efficiency of agricultural production by rationalizing the working processes. p. 223)

SBORNIK. RADA ZEMEDELSKA EKONOMIKA. Praha, Czechoslovakia; Vol. 32, No. 4, April, 1959

Monthly list of East European Accession Index (EEAI), Library of Congress,
Vol. 8, No. 7, July, 1959

Unclas

VRBOVA, Kveta; SLANSKY, Jiri

Course of the epidemic of so-called Asian influenza in children during 1957-58. Cesk.pediat. 15 no.1:25-29 Ja '60.

1. Thomayerova nemocnice v Praze 14, oddeleni detske interny, prednosta prim. dr. E. Kratkova.
(INFLUENZA ASIAN in inf.& child.)

VRBOVA, K.; PRAGROVA, V.

Van Bogaert's subacute sclerosing leukoencephalitis. Cas. lek. cesk. 103 no.37:1031-1032 11 S '64.

1. Detske interni oddeleni Thomayerovy nemocnice, Praha - Krc (vedouci MUDr. E. Kratkova, CSc.) a Neurologické oddeleni Thomayerovy nemocnice, Praha - Krc (vedoucí doc. dr. J. Simek, CSc.).

B/273/63/000/001/003/013
A052/A126

AUTHORS: Vrbová, Milena, Pantoflíček, Bohdan

TITLE: Heat accumulator of transport engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 39. Dvigateli vnutrennogo sgoraniya, no. 1, 1963, 11, abstract 1.39.66 P (Czech. pat., ol. 460⁴, 15, no. 98623, February 15, 1961)

TEXT: To reduce the cooling of the engine during stops it is suggested to mount on the water duct between the engine and the radiator a heat accumulator containing a low-melting salt. Hot water flowing in the accumulator tubes will melt the salt. During a stop the molten salt will cool down and give the latent melting heat to the water. Four variants of mounting the accumulator are presented. According to one of them, to accelerate the warm-up of the engine at the start, the accumulator is mounted on a branch duct; on the main duct a thermovalve is arranged which closes as soon as the circulating water reaches a given temperature.

[Abstracter's note: Complete translation]

A. Zhukov

Card 1/1

L 13213-66

ACC NR: AP6006101

SOURCE CODE: CZ/0053/65/014/004/0320/0320

AUTHOR: Vrbovsky, L.; Selecky, F. V.

ORG: Institute of Pharmacology, CSAV, Bratislava (Farmakologicky ustav CSAV)

TITLE: Effect of the diethylaminoethylamide of dehydroabiestic acid (substance E-25) on the fibrillation threshold in anesthetized cats [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 320

TOPIC TAGS: drug effect, pharmacology, cat, cardiovascular system, organic amide, aromatic carboxylic acid

ABSTRACT: The substance named in the title has a very similar effect to quinidine and procaine in electrically stimulated atria of anesthetized cats except for a slight delay at the onset. [JPRS]

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

jrn

Card 1/1

VRECOVSKY, Ladislav

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Department of Pharmacology of Natural Substances, Chemical Institute, SAV/Slovenska akademie vied; Slovak Academy of Sciences/
(Oddelenie farmakologie prirodnych latok, Chemicky ustav SAV),
Source: Bratislava.

Bratislava, Nasa Veda, Vol VIII, No 5, 1961, pages 281-288.

Data: "Do You Have Heart Trouble?"

GPO 981643

VRESKY, J.; KUBSA, J.

"Experience of the State Power Inspection in checking electric-power consumption in factories."

ENERGETIKA, Praha, Czechoslovakia, Vol. 5, no. 3, March 1955

Monthly list of East European Accessions Index (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959

Unclassified

ROSIVAL, L.; VRBOVSKY, L.; SELECKY, F.V.

Contribution to the problem of side-effects of some organic phosphates.
Bratisl. Lek. Listy 42 no.1:26-30 '62.

1. Z Ustavu hygieny Lek. fak. Univ. Komenskeho v Bratislave, veduci
akademik V. Mucha, Dr. Sc., a z Farmakologickeho laboratoria oddelenia
farmaceutickej chemie a biochemie Chemickeho ustavu SAV v Bratislave,
veduci MUDr. F. V. Selecky, C. Sc.
(PHOSPHATES toxicol)

CZECHOSLOVAKIA

L. VRBOVSKY, A. DELKOVA and F.V. SELECKY, Chemistry Institute of the Slovak Academy of Sciences, Czechoslovak Academy of Sciences (Chemicky ustav Slovenskej Akademie Vied, CSAV,) Chief (riaditel) Academician J. VASATKO; Bratislava.

"Protective Effect of Dehydroabiestic Acid Diethylaminoethylamide (Substance E-25) Against CaCl_2 -Arrhythmia in Rats."

Prague, Casopis Lekarů Ceskvch, Vol 102, No 19, 10 May 63; pp 527-531.

Abstract [English summary modified]: Comparative studies reveal that whereas there is a clear antifibrillatory dose-response curve with procainamide, quinidine antifibrillatory effect is relatively independent of dose; effect of "E-25" is 10 to 20 times stronger than that of procainamide and twice stronger than that of quinidine but only at optimal (8 to 10 mg /Kg.) doses; at lower doses it is weaker and at higher doses equal to that of quinidine. Two graphs; 2 Czech and 10 Western references.

1/1

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78177.

Author : Rosival, L., Selecky, F. V., Vrbovsky, L.

Inst : Not given.

Title : Experimental Acute Poisoning with Phosphoroorganic Insecticides.

Orig Pub: Bratisl. lekar. listy, 1958, 1, No 3, 151-160.

Abstract: The toxicity of 90% and 86% malathion (I), ethylparathion (II), methylparathion (III), paraoxone, systox (IV), isosystox, potassano, preparations 1817-008A and 1817-009, chloriton (V), E-605, oxatox, postox-III, and metasystox (VI) was studied by experimenting with animals (6,000 mice, 800 rats, 32 rabbits, 30 guinea pigs and 4 dogs),

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78177.

Abstract: the insecticides being introduced by various methods in eryphor, propylenoglycol, vegetable oil and various suspensions. I and V proved to be the least toxic. III is less toxic than II, and VI is less toxic than IV. 86% of I is more toxic than 90% I. Propylenoglycol increased and vegetable oil decreased the toxicity of insecticides. A rise in the sensitivity to phosphoro-organic insecticides was observed at their repeated introduction. Bibliography with 33 titles.
-- T. Arzhovskaya.

Card 2/2

TYMAN, Vladimir, inz.; Vrbsky, Jaromir, inz. CSc.

Photometric determination of germanium in silicate materials.
Rudy 12 no.6:208-210 Je '64.

1. Institute of Mining, Czechoslovak Academy of Sciences and
Higher School of Chemical Technology, Prague.

VRBSKY, Jiri, inz.

Automation in dairies. Prum potravin 14 no.1:6-9 Ja '63.

1. Vyzkumny ustav mlekarensky, Praha.

VRBSKY, Jiri, inz.

Automation in dairies. Prum potravin 13 no.6:292-294 Js '62.

1. Vyzkumny ustav mlekarensky, Praha.

VRBSKY, J.

" Power Consumption Controlled By People's Committees", P. 7, (TECHNICKE NOVINY, Vol. 2, No. 10, May 1954, Praha, Czechoslovakia)

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

VRBOVSKY, S.

"The Leipzig Fair in Spring, 1957."

p. 188 (Stavba) Vol. 4, no. 6, June 1957.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

Country : CZECHOSLOVAKIA

M

Category: Cultivated Plants. Fruit. Berries.

Abs Jour: RZhBiol., No 11, 1958, No 49092

Author : Vrbuvka, Jan.

Inst :

Title : Amelioration of Raising Fruit Seedlings from
Seeds.

Orig Pub: Ovocnar. a zelinar , 1957, 5, No 10, 295-296

Abstract: No abstract.

Card : 1/1

M-152

VOCELOJ, D.

Examinations required for skilled fishermen.

P. 38 (NORSKO RIBARSTVO) Rijeka, Yugoslavia, Vol. 10, no. 2, 1958

30: Monthly Index of West European Accessions (REAI) LC Vol. 7, No. 5, 1958

VRCELIJ, S.

A case of Adams-Stokes syndrome in acute myocardial infarction.
Srpski arch. celok. lek. 92 no.3:351-358 Br '67.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu
(Upravnik: prof. dr. Branislav Stanojevic).

VRCELJ, Stefanija

Analysis of some cases of unrecognized choledocholithiasis.
Srpski arh. celok. lek. 92 no.10:965-972 0 '64.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu (Upravnik: prof. dr. Branislav Stanojevic).

SLAVKOVIC, J.; AMAHASIC, M.; BENDUSIC, Z.; PALJM, A.; VRCELI, S.

Perforation of the septum in myocardial infarct. Acta med.
Iugosl. 18 no.3:223-233 '64.

1. Interna klinika A Medicinskog fakulteta i Institut za
patolosku anatomiju Medicinskog fakulteta u Beogradu.

VRCELJ, Stefanija; IVANOVIC, Dragan

Pulmonary edema in acute glomerulonephritis. Srpski arh. celak.
lek. 92 no.2:133-141 F'64.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu (Upravnik: prof. dr. Branislav Stanojevic).

VRCELJ, Stefanija; JANCIC, Marija

Hemorrhagic syndrome during tuberculosis. Srpski arh. celok. lek.
84 no.6:762-770 June 56.

1. II Interna klinika Medicinskog fakulteta u Beogradu, Upravnik:
prof. dr. Djordje Brkic.

(TUBERCULOSIS, PULMONARY, compl.

hemorrh., management (Ser))

(HEMORRHAGE, in various dis.

pulm. tuberc., management (Ser))

VRCELJ, Stefanija; KROSIN, Jelisaveta

Discontinued prolonged prednisone therapy of 2 cases of
nephrotic syndrome. Srpski arh. celok. lek. 91 no.9:
859-863 S'63.

1. Interna klinika & Medicinskog fakulteta Univerziteta
u Beogradu. Upravnik: prof. dr. Branislav Stanojevic.

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VRCELJ, Stefanija, dr.; RODIC, Sofija, dr.

Dystrophic edema in the course of intestinal disorders caused by
Lambliae. Srpski arh. celok. lek. 82 no.7-8:998-1003 July-Aug 54.

1. II Interna klinika Medicinskog fakulteta u Beogradu, upravnik:
doc.dr. Djordje Brkic.

(GIARDIASIS, compl.
edema, dystrophic)

(EDEMA
dystrophic, caused by giardiasis)

JOVANOVIĆ, Vasilije; TRIPKOVIĆ, Milica; VECELJ, Stefanija; JEVTIĆ, Zivko

Three unusual cases of Poncet's rheumatism. Srpski arh. celok.
lek. 83 no.5-6:623-628 May-June 55.

1. II Interna klinika Medicinskog fakulteta u Beogradu. Upravnik:
Djordje Brkic.

(TUBERCULOSIS, OSTEOARTICULAR,
tuberc. rheum., case reports (Ser))

JANCIC, Marija, dr.; VRCELIJ, Stefanija, dr.

Pancreatic function in chronic urticaria. Med. glasnik. 13 no.11:
541-543 N '59.

1. Interna klinika A Medicinskog fakulteta u Beogradu, upravnik:
prof. dr B. Stanojevic.
(PANCREAS physiol.)
(URTICARIA physiol.)

VRCELJ, Stefanija; MLADENOVIC, Vlastimir

On pyloric stenosis in the aged. Srpski arh. celok. lek. 88 no. 6:
637-645 Je '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Branislav Stanojevic.

(PYLORIC STENOSIS in old age)

KOVACEVIC, Miroslav; VRCELJ, Stefanija; PERISIC, Zivka

Hydrochlorothiazide in the treatment of cardiac edema and of its effects on electrolyte metabolism. Srpski arh. celok. lek. 88 no.10: 989-995 0 '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Branislav Stanojevic.

(CHLOROTHIAZIDE ther) (HEART FAILURE CONGESTIVE ther)

VRCELJ, Stefanija, Asist., dr.; BURIJAN, Jovan, Asist., dr.

Complications of corrosive gastritis, case report. Med. arch.,
Sarajevo 9 no.4:93-96 July-Aug 55.

1. II Int. klin. Medicinskog fakulteta u Beogradu. (Upravnik
prof. dr. Dorde Brkic).

(GASTRITIS, etiol. & pathogen.

caustics, compl. (Ser))

(CAUSTICS, inj. eff.

gastritis, compl. (Ser))

VRCELJ, Stefanija, dr. (Beograd)

Post-cholecystectomy syndrome. Med.glasn. 14 no.4:224-225 Ap '60.
(CHOLECYSTECTOMY compl)

~~VRCELJ, Stefanija, dr~~

Our experiences with the etiology and diagnosis of chronic diarrheas.
Med.glasn. 14 no.6:344-348 Jo '60.

1. Interna klinika A Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr B.Stanojevic)
(DIARRHEA)

YUGOSLAVIA

VRCELJ, Stefanija, Dr; Department A of Internal Medicine, Faculty of Medicine, University of Belgrade (Head: BRKIC, Djordje, Dr, prof.) (Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu), Belgrade.

"Hyponatremia in Diseases of the Heart"

Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 9 Sep 65, pp 823-829.

Abstract: The author found that hyponatremia can be the most obvious sign of complex humoral disturbance in cardiac cases. Many patients with hyponatremia have increased body sodium and water and hyponatremia represents a disturbed relationship between the water and sodium content in the serum. This disturbance can be temporary, but if it begins during serious cardiac weakness it is probably a consequence of cellular disturbances caused by anoxia. Therapy is basically the same as for any other difficult cardiac insufficiency and is directed toward improved function of the myocardium and easing of circulation. Supplementary therapy includes restriction of liquids and administration of potassium and pronison. 1 Yugoslav, 13 western references.
Manuscript received 22 May 65.

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SERCL; Miroslav; KOVARIK, Jaromir; JAROS, Otakar; VRCHA, Lubomir;
SIMKOVA, Dagmar.

Clinical trials with N-(3,4,5-trimethoxybenzoyl)-tetrahydro-
1,4-oxazine (trioxazine, V-7) Budapest. Sborn.ved.prac.lek.
fak.Karlov.Univ.(Hrad.Kral.) 6 no.3:345-350 '63.

1. Neurologicka klinika, Universita Karlova (prednosta:DrSc,
prof., MUDr. M.Sercl).

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SERCL, M., prof. dr., DrSc.; JECHOVA, D.; KOMESKA, M.; KOVARIK, J.; KYPAL, V.;
LICEA, H.; LICHY, J.; NETTE, S.; SIMKOVA, D.; STOVICEK, J.; VRCHA, L.;
ZDRAHAL, I.

The problem of late effects of poisoning with organic phosphate
insecticides. Cesk. neurol. 28 no.3:220-223 Ap '65.

1. Neurologická klinika lékařské fakulty Karlovy University v
Hradci Králové (prednosta: prof. dr. M. Sercl, DrSc.).

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir;
KYPAL, Vlastimil; LICHÁ, Helena; LICHY, Josef; NETTL, Sasa;
SIMKOVA, Dagmar; SIOVICEK, Jaroslav; VRCHA, Lubomir; ZDRAHAL,
Leopold

Comparison of neurologic findings and organic phosphate serum
cholinesterases in delayed effects of insecticides on the human
body. Sborn. ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.4:
415-433 '65.

1. Neurologická klinika (prednosta prof. MUDr. M. Sercl, DrSc.).

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir; KYRAL, Vlastimil; LICHÁ, Helena; LICHY, Josef; NETTL, Sasa; SILEKOVÁ, Dagmar; STOVÍČEK, Jaroslav; VRCHA, Lubomir; ZDRAHAL, Leopold.

On the possible development of demyelination diseases of the human central nervous system resulting from injury by organic phosphate insecticides. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:175-182 '64.

1. Neurologická klinika (prednosta: prof. MUDr. M. Sercl, DrSc)
Karlovy University v Hradci Králové.

SERCL, Miroslav; VRCHA, Lubomir; JAROS, Otakar.

Antiserotonins in the treatment of vascular headaches. Sborn.
ved. prac. lek. fak. Karlov. Univ. 8 no.2:207-213 '65.

1. Neurologicka klinika (prednosta - prof. MUDr. M. Sercl,
DrSc.) Lekarske Fakulty Karlovy University v Hradci Kralove.

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir;
KRYAL, Vlastimil; LICHÁ, Helena; LICHY, Josef; NETTL, Sasa;
SIMKOVA, Dagmar; STOVICEK, Jaroslav; VRCHA, Lubomir; ZDRANAL,
Leopold; TUSL, Miloslav; SVORCOVA, Stepanka; KAUT, Vlastislav

On the effect of 1-centimeter electromagnetic waves on the nervous
system in man (radar). Sborn. ved. prac. lek. fak. Karlov. univ.
(Hrad Kral) 4 no.4:427-440 '61.

1. Neurologická klinika; prednosta prof. DrSc. MUDr. M. Sercl
Katedra obecné hygieny; prednosta prof. MUDr. V. Dvorak.
(RADAR) (NERVOUS SYSTEM physiol)

L 12843-66 EWT(1)/EWA(j)/EWA(b)-2 RO SOURCE CODE: CZ/0082/65/000/003/0220/0223

ACC NR: AP6005712

AUTHOR: Sercl, M.; Jechova, D.; Komraka, M.; Kovarik, J.; Kyrat, V.; Licha, H.; Lichy, J.; Nettel, S.; Sinkova, D.; Stovicek, J.; Vrchal, L.; Zdrahal, L.

ORG: Neurological Clinic, Medical Faculty, Charles University, Hradec Kralove (Neurologicka klinika lekarske fakulty KU)

TITLE: Problem of late sequelae of poisoning with organophosphate insecticides

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 220-223

TOPIC TAGS: insecticide, toxicology, biochemistry, organic phosphorus compound, neurology, biologic metabolism, nervous system

ABSTRACT:

containing compounds of organic phosphorus damage the periphery of the nervous system in humans because they act on neuromuscular plates, vegetative ganglia, CNS, and the brain. Study of 398 people who worked with these insecticides showed the possibility of the occurrence of late sequelae. Pseudoneurathenic syndromes were found. The organic P compounds affect the cholinesterase complex, and possibly hydrolysing ferments, and glycolysis and phosphorylation of serines. Myeline metabolism may be damaged permanently. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009

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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))

VRCHLABSKY, M.; OKAC, A.

Use of glyoxal-bis-(2-hydroxyanil) for discovery and complexometric determination of cadmium. Coll Cz Chem 27 no.2:492-494 F '62.

1. Institut für analytische Chemie, Purkyne-Universität, Brno.

Korbl's method of catalytic combustion of organic com-
pounds. A. Korbl and M. J. Urbanek (Masaryk Univ.
Brno, Czechoslovakia) *Chem. Abstr.* 50:30984d (1956) Cor-
evaluation of Korbl's method for C.A. 50:30984d with
examples of practical use L. J. Urbanek

VRC ALA 135KV, MT

1453 Karbi's method of catalytic combustion of
organic compounds / A. Karbi and M. V. Vasil'yev
Moscow, U.S.S.R. 1964 60 Y2: 3043-3043
This method is used for the analysis of organic compounds and by
products of their combustion. It has been
found that this method of catalytic combustion
can be used for the analysis of organic compounds
and products of their combustion. The possibilities of some other improvements are
discussed.

MT

Kohl's method of catalytic combustion of 2/

 50

fm rk

MISNEROVA, L.; HERZMANN, J.; ZEMAN, L.; za technicke spoluprace MACHA, J.;
VRCHLOBSKE, E.

Excretion of 17-hydroxycorticoids and 17-ketosteroids during early months of life. Contribution to the problem of dosage of ACTH in children. Cesk.pediat.16 no.2:135-140 F '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc.
MUDr. M. Vojta; Prednosta pediatrickeho useku MUDr. K. Polacek.
(CORTICOTROPIN pharmacol)
(ADRENAL CORTEX HORMONES urine)
(17-KETOSTEROIDS urine)
(INFANT NEWBORN urine)

VRCON, Branko, di. (Ljubljana)

New concepts on propaganda in economy. Nova proizvod
3/4:219-223 '64.

VRDLIK, F.M.; SAVIN, V.K.

Heat exchange between an axisymmetric stream and a plate in a normal position in the flow. Inzh.-fiz. zhur. 8 no.2:146-150
F '65. (MIRA 18:4)

1. Institut stroitel'noy fiziki, Moskva.

VRDLOVEC, J.

New electrode holder in electric welding. n. 93.
(Zvaranie, Vol. 4, no. 3, Mar. 1955, Praha.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4,
Noll, Nov. 1955, Uncl.

VRDLOVEC, J.

"Welding replaces the soldering of wire connections."

p. 361 (Sdelovaci Technika) Vol. 5, no.12, Dec. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 5,
April 1958

L 51090-65 EWA(d)/EWP(t)/EWP(k)/EWP(o)/EWA(e) Pf-4 JD/HW
ACCESSION NR: AP5015471 CZ,0030/64/000/008/0219/0255 17
B

AUTHOR: Vrdlovec, J.

TITLE: Production of thin-wall parts by pressure molding

SOURCE: Jemna mechanika a optika, no. 1, 1974, 249-255

TOPIC TAGS: metal extrusion

Abstract: Described is an original Czechoslovak cold-extrusion method for manufacturing parts and containers from aluminum and other nonferrous metals. The method is said to be inexpensive. Four types of cold extrusion are listed: reverse extrusion,

ASSOCIATION: none

1/1

REF: 1/1

ENCL: 00

OTHER: 00

SUB CODE: MM

JPRS

1/1

VRDLOVEC, J.

A pistol type copying press for the manufacture of chassis and panels. p. 175.
(SDELOVACI TECHNIKA, Vol. 5, No. 6, June 1957, Praha, Czechoslovakia)

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

VRDLOVEC, Jan (Praha)

Technology, the basis of technical development. Elektrotechnik
17 no.9:253-256 S '62.

VRDLOVEC, Jan

Electrical engineering at the Brno Fair. Elektrotechnik
17 no.10:278-283 0 '62.

1. Elektrocas, Praha.

VRDLOVEC, J.

Reliable time switch for spot welding machines, p. 282, ZVARANIE,
(Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstvo)
Baratishave, Vol. 3, No. 8/9, Sept. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

AUTHOR: Jan Vrdlovec

TITLE: "Electrotechnical Products at the 1961 Brno International Fair"

SOURCE: Prague, Elektrotechnik, Vol XVI, No 9 (Sept 61) p 246-256

DESCRIPTION: This is an illustrated description of Czechoslovak (and of a few foreign) products which were exhibited at the Third International Fair at Brno. The products prove the high level of electrotechnics in Czechoslovakia. They are arranged by producers such as the V. I. Lenin Factories in Plzen, the CKD of Prague, etc., and include electric equipments of a great variety, such as commutator tri-phase shunt motors, valve lightning arrester, welding automat, explosion-proof coupling for armored cables, etc.

VRDLOVEC, Jan

"Electrical engineering" by Josef Slesinger. Reviewed by Jan
Vrdlovec. Elektrotechnik 18 no.2:58 F '63.

VRDLOVEC, Jan

"Epoxy resins" by M. Lidarik, J. Kincl, V. Roth and A. Bring. Reviewed
by Jan Vrdlovec. Sdel tech 9 no.9:360 S '61.

VRDLOVEC, Jan

The periodical "Elektrotechnik." Elektrotechnik 18 no.10:290 0
'63.