

L 23359-66

ACC NR: AP5024611

2) inclined plane test, 3) roller cage test, 4) "chimney" climbing test, and 5) spontaneous motility. All but the first measure motor efficiency. The reversed Burn-Hobbs test of the effect of amphetamine on psychotropic drug toxicity unexpectedly showed that amphetamine increases toxicity of all neuroleptic and ataractic drugs (except taxilon, methylpentynol carbamate, ipronal, and preparation D) but decreases the toxicity of imipramine. Caffeine (increases the toxicity of imipramine, but decreases the toxicity of pipradrol. The ability of the tests to differentiate different types of psychotropic activity was studied. The reversed Burn-Hobbs test seemed to differentiate between antimaniacal and antidepressant tranquilizers. The minor tranquilizers meprobamate and mephenesine, showed strong activity in the motor tests, while the other tranquilizing drugs and pipradrol and imipramine had weaker and briefer effects. The climbing test sharply distinguished between depressants and stimulants. The actographic method allowed classification of the studied drugs in four groups. It was concluded that the tests studied, (except the inclined plane test) do allow preliminary assessment of the nature and duration of action of psychotropic drugs, but should be supplemented by general pharmacologic tests to determine spinal and muscular components of their activity.

SUB CODE: 06, 15/ SUBM DATE: none/ OTH REF: 005/

Card 2/2 LL

T. 23359-66 EWT(1)/T JK

ACC NR: AP5024611

(A)

SOURCE CODE: PO/0100/65/013/004/0440/0460

AUTHOR: Hano, J.; Gieldanowski, J.; Kedzierska, L.; Prastowski, W. 24
B

ORG: Pharmacology Department, Institute of Immunology and Experimental Therapy,
Polish Academy of Sciences, Wroclaw; Pharmacology Department, School of Medicine,
Wroclaw

TITLE: Comparative studies of tranquillizing drugs 6/24/56

SOURCE: Archivum immunologiae et therapeuticae experimentalis, v. 13, no. 4, 1965,
440-460

TOPIC TAGS: neuroleptic, tranquilizer, tranquillizing drug, ataractic, psycho-
analeptic, antidepressant, promazine, taxilan, meprobamate, mephensine, azacyclonol,
hydroxyzine, ectylurea, methylpentynol carbamate, ipronal, pipadrol, imipramine,
drug test, pharmacological test, drug effect

ABSTRACT: Twelve classic psychotropic drugs were used in seeking a drug test method
for rapid elimination of chemical compounds which do not possess desired psycho-
tropic properties, and approximate evaluation of those which do. These were: proma-
zine, taxilan, meprobamate, mephensine, azacyclonol, hydroxyzine, ectylurea,
methylpentynol carbamate, preparation D₁H (ipronal), preparation D₁ (5-allyl-5-
(β -hydroxy- γ -iodopropyl) barbituric acid), pipadrol, and imipramine. Each drug
was studied in mice with the following five tests: 1) reversed Burn-Hobbs test,

Card 1/2

HANO, Jozef; GIELDANOWSKI, Jerzy; KEDZIERSKA, Lidia; PRASTOMSKI, Wieslaw

Comparative studies of tranquillizing drugs. Arch. inman. ther.
exp. 13 no.4:440-460 '65.

1. Department of Pharmacology, Institute of inmanology and
Experimental Therapy, Polish Academy of Sciences, Wroclaw
and Department of Pharmacology, School of Medicine, Wroclaw.

HANO, Jozef; WOJEWODZKI, Wieslaw

Structure-activity relationship in the phenylisopropylamine group.
III. Central activity of polyphenyl derivatives. Arch. immun. terr.
dosw. 9 no.4:609-629 '61.

1. Department of Pharmacology, School of Medicine, Wroclaw; Department
of Pharmacology, Institute of Immunology and Experimental Therapy,
Polish Academy of Sciences, Wroclaw.

(AMPHETAMINE rel cpds)

SURNAME, Given Names

Country: ^{HANO, J.} Poland

Academic Degrees: not given

Affiliation: Presumed Ludwik Hirszfeld Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polska Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.

~~Source~~
Data Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4, 1961, pp 396-397.

Data: "Concerning Certain Spiro-Pyran-Barbituric Compounds."

English abstract of article, originally published in Arch. Immunol i Terapii Dosw., 1960, 8, 355.

Authors:

BOBRANSKI, B.

~~HANO, J.~~

GIELDANOWSKI, J.

PRELICZ, D.

PELCZARSKA, A.

WILIMOWSKI, N.

HANO, Jozef; WOJEWODZKI, Wieslaw

Relationship between the chemical structure and pharmacological activity of a group of phenylisopropylamines II. Aromatic derivatives. Arch.immun.ter.dosw. 9 no.1:7-24 '61.

1. Zaklad Farmakologii Instytutu Immunologii i Terapii Doswiadczalnej PAN we Wroclawiu, Zaklad Farmakologii Akademii Medycznej we Wroclawiu.
(PHENYLETHYLAMINES pharmacol)

BOBRANSKI, Boguslaw; HANO, Jozef; GIELDANOWSKI, Jerzy; PRELICZ, Danuta;
PELCZARSKA, Alicja; WILIMOWSKI, Marian

On certain spiro-pyrano-barbiturate compounds. Arch.immun.ter.
dosw. 8 no.2:355-359 '60.

1. Zaklad Syntezy Srodkow Leczniczych i Zaklad Farmakologii
Instytutu Immunologii i Terapii Doswiadczalnej PAN we Wroclawiu
Zaklad Chemii Farmaceutycznej Akademii Medycznej we Wroclawiu.
(BARBITURATES pharmacol)

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

3111. PHARMACOLOGY OF SOME DECAMETHYLENE-1:10-BISTRIMETHYLAMMONIUM DERIVATIVES - Własności farmakologiczne kilku pochodnych dekametyleno-1,10-bis-trójmetyloamonowych - Hano J., Wilimowski M. and Gleidanowski J. Zakt. Farmakol., Akad. Med., Wrocław - ARCH. IMMUNOL. TERAP. DOSW. (Wrocław) 1958, 6/2 (347-356) Tables 4 Decamethonium methylsulphate (I), decamethylene-1:10-bis(benzyltrimethylammonium chloride) (II) and decamethonium dioxide (III) were studied with special reference to their motor end-plate-blocking action. III did not exert any action in doses up to 250 mg./kg. In sufficient dosage I and II block the respiratory muscles at the same time as other striated muscles; this disqualifies them for clinical use.
Kokot - Bytom

HANO, J.

SZCZEKLIK, E.; HANO, J.; BOGDANIKOWA, B.; MAJ, J.

Treatment of arterial hypertension with Vinca minor L.
Polski tygod. lek. 12 no.4:121-125 21 Jan 57.

1. (Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu;
kierownik prof. dr. E. Szczeklik i z Zakładu Farmakologii
A.M. we Wrocławiu; kierownik: prof. dr. J. Hano). Adres:
Wrocław, ul. Pasteura 4.

(HYPERTENSION, ther.

Vinca minor L. extract (Pol))

(PLANTS, extracts

Vinca minor L., ther. of hypertension (Pol))

HANO, J.; WILIMOWSKI, M.; GIBLDANOWSKI, J.; WOJEWODZKI, W.

Studies on experimental hemorrhagic shock. III. Effect of hypotensive and hypertensive drugs. Acta physiol. polon. 8 no.3:350-351 1957.

1. Z Zakladu Farmakologii A. M. we Wroclawiu Kierownik: prof. dr J. Hano.
(HEMORRHAGE, experimental,
eff. of hypertensive & hypotensive drugs on shock (Pol))
(BLOOD PRESSURE,
hypertensive & hypotensive drugs, eff. on exper. hemorrh.
shock (Pol))

HANO, J.; WILLIMOWSKI, M.; GIBLDANOWSKI, J.

Studies on experimental hemorrhagic shock. I. Effect of infusion of crystalloid solutions on the effect of dextran. Acta physiol. polon 8 no.3:348-350 1957.

1. Z Zakladu Farmakologii A. M. we Wroclawiu Kierownik: prof. dr J. Hano.
 - (HEMORRHAGE, experimental, eff. of dextran in shock, eff. of infusion of crystalloid solutions on reactivity (Pol))
 - (SHOCK, experimental, hemorrh., eff. of dextran, eff. of infusion of crystalloid solutions on reactivity (Pol))
 - (DEXTRAN, effects, on exper. hemorrh. shock, eff. of infusion of crystalloid solutions on reactivity (Pol))
 - (INFUSIONS, PARENTERAL, crystalloid solutions, on exper. hemorrh. shock reactivity to dextran (Pol))

HANO, J.

✓ *Veratrum lobelianum*. II. Hypotensive action of ex-
tractions. J. Ma; and J. Hano. *Acta Polon. Pharm.* 13,
5 89-100(1956) (English summary); cf. *C.A.* 48, 13993i. —
Six different fractions including one not previously described
were obtained by extr. of the pulverized rhizome and the
roots of the indigenous *V. Lobelianum* according to the
method of Zapko and Edwards (*C.A.* 45, 2102d). P. D.

2

HAND, J.

med

Pharmacological properties of new local anesthetic preparations derived from dimethylpiperidins. J. Hano, J. Gaidanowski, and M. Wilkowiak. *Acta Polon. Pharm.* 13, 27-34 (1956) (English summary). — The activity as a local anesthetic and the general pharmacol. properties of benzoyl-2,6-dimethyl-N-propylpiperidins and benzoyl-2,6-dimethyl-N-ethylpiperidins were investigated and compared with those of benzoyl-2-methyl-N-propylpiperidine (metycaine). P. Dreyfuss

3

Hano, J.

EXCERPTA MEDICA Sec.2 Vol.10/4 Physiology, etc. Apr 57

1884. HANO J. and MAJ J. Pracowni Farmakodyn. A.M., Kraków. *O hipotensyjnym działaniu barwinka (Vinca minor L). Hypotensive action of Vinca minor L POL. TYG. LEK. 1956, 11/6 (264-267) Graphs 3
In anaesthetized dogs, cats and rabbits, Vinca minor (I) in doses of 0.025 - 0.3 g./kg (i.v. or intra-intestinal) causes a fall of blood pressure. This fall is not prevented by vagotomy or antazoline; atropine reduces it somewhat. Decerebration prolongs the hypotensive effect in dogs and abolishes it in cats. The pressor effect induced by clamping the common carotid arteries is decreased by I. The drug has no influence on the pressor actions of adrenaline, ephedrine and vasopressin, or on the hypotensive actions of ACh, neostigmine and dihydroergotamine. Azamethonium ('pendiomid') does not affect the action of I. On the heart, I has a negative chronotropic effect. It abolishes in cats the contraction of the nictitating membrane, caused by stimulation of the preganglionic sympathetic fibres. Tonus and peristalsis of the small intestine, whether in situ or isolated, are increased by I. This effect is diminished by atropine.
Czubalski - Warsaw

HANO, J.

GIELDANOWSKI, J.; HANO, J.; WILIMOWSKI, M.

Studies on experimental hemorrhagic shock. II. Effect of simultaneous administration of oxygen and dextran. Acta physiol. polon. 8 no.3:334-335 1957.

1. Z Zakladu Farmakologii A. M. we Wroclawiu Kierownik: prof. dr J. Hano.

- (SHOCK, experimental,
hemorrh., eff. of simultaneous oxygen & dextran ther. (Pol))
- (HEMORRHAGE, experimental,
eff. of dextran with oxygen in shock (Pol))
- (DEXTRAN, effects,
on exper. hemorrh. shock, with oxygen (Pol))
- (OXYGEN, effects,
on exper. hemorrh. shock, with dextran (Pol))

ILLEGIBLE

HANO, J.; GIELDANOWSKI, J.; WILIMOWSKI, M.

Pharmacodynamic properties of certain antihistaminics. Acta
physiol. polon. 7 no.1:65-80 1956.

1. Z Zakladu Farmakologii A M we Wroclawiu Kierownik prof. dr.
J. Hano.
(ANTI-HISTAMINICS, effects,
pharmacodynamics. (Pol))

HANO, Jozef

Analysis and evaluation of achievements in the field of studies of a new drugs and method of conduction of scientific work. Postepy wiedzy med. 3 no.4:427-432 Oct-Dec 1956.

(PHARMACOLOGY,
studies on new drugs (Pol))

HANO, J

ECKSTEIN, M.; MAJ, J.; KOCWA, A.; HANO, J.

Investigations on action of certain new pyrazolone compounds.
Acta Poloniae pharm. 11 Suppl.:130-132 1955.

1. Zakład Chemii Farmaceutycznej A. M., Krakow. Pracownia Farmakodynamiki Wyda. Farm. A. M., Krakow.
(ANALGESICS,
antipyrine aldehydes)

HANO, J., SIKROSLAWSKA, J.

Investigations on biological action of Adonis vernalis L. Acta
Poloniae pharm. 11 Suppl.:70-72 1955.

1. Pracownia Farmakodynamiki A.M., Krakow.
(ADONIS,
vernalıs, biol. action)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
The pharmacological action of some nicotinic acid derivatives. Janusz V. Supniewski and Josef Hano. <i>Bull. intern. acad. polon. sci., Classe med.</i> 9, 025 (1937); <i>Ber. ges. Physiol. exper. Pharmacol.</i> 102, 661. Nicotinamide-Mel (I) and N-methylhexahydro nicotinamide-HI (II) were relatively nontoxic, 1 g. per kg. subcutaneously injected into mice producing light sleep and 2 g. per kg. partial narcosis. I and II caused fall in blood pressure, II being more potent. Both stimulated the cat heart <i>in situ</i> , depressed the dog and perfused rabbit hearts. Although nicotinic acid caused vasodilatation in rabbits, I and II caused vasoconstriction. J. C. M.																																																			
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1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX

BC

A-4

Influence of Wall's approach on the chemical composition of the medium. J. W. Strzinski and J. Elaro (Bull. Acad. Polonaise, 1937, Cl. Méd., 496-501). The metabolism of *Leptospira ictero-haemorrhagica* (Wall) differs in many respects from that of *Treponema pallidum*. The former utilizes l-arabinose but no other pentoses; it hydrolyses galactose and glucose, but only to smaller extent fructose and mannose. It breaks down urea but not uric acid or lactic acid. F. J.A.

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

LEONI MONITOR

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111 AND 112 ORDERS

PROCESSES AND PROPERTIES INDEX

CP

Estrogenic action of anol. J. V. Supniewski and J. Hango. *Bull. intern. acad. polon., Classe méd.* 1937, 187-97. — Anol in oily soln. has an estrogenic action equal to that of estrone. Aq. soln. of Na anolate are 2000 times feebler. The latter is easily and rapidly excreted by the kidneys. Chavicol, an isomeride of anol, is 1000 times feebler than anol. Anol is slightly toxic. 0.5 g. of Na anolate injected subcutaneously kills a mouse by paralyzing the nervous system. Smaller doses produce somnolence and narcosis. B. C. P. A.

11K

COMMON ELEMENTS

MATERIALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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APR 1968

PHO

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

9,10 - Dipropyl - 1,2,5,6 - dibenzo - 9,10 - dihydroanthraquinone, a synthetic estrogenic substance for mammals. J. V. Supniewski and J. Hango. *Bull. intern. acad. polon. Classe med.* 1937; 185-201. Its pharmacol. action is stronger than that of dibenzanthracene, although similar in quality. It depresses the heart, lowers blood pressure and depresses smooth-muscle organs. Respiration is stimulated, bile secretion diminished and neutropenia produced. 0.06 mg. injected into immature ovariectomized mice produces a complete estrus lasting 4-5 days; 0.5 mg. produces an estrus of 40 days' duration. The substance has no effect on the ovaries of immature mice or on the oviduct of ovariectomized frogs or on the sexual organs of male mice.

H. C. P. A.

ASM - S. I. A. METALLURGICAL LITERATURE CLASSIFICATION

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The pharmacological action of *biacetyl*. *Josef Hamo*
Bull. intern. acad. polon. sci. Classe med. 1930, 283-282;
Bev. ges. Physiol. exper. Pharmacol. 101, 603-611, 1931.
Biacetyl, used clinically for the treatment of tuberculosis,
killed the tubercle bacilli at a concn. of 1:500. Had no
effect on tissue oxidation; weakly stimulated frog and cat
hearts, also respiration in rabbits and cats; 1:500 solns.
paralyzed smooth muscle. Doses of 25 mg per kg. d.
delayed gall bladder contractions in rabbits. *E. G. M.*

ASD SLA METALLURGICAL LITERATURE CLASSIFICATION

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<p><i>10</i></p> <p>The pharmacological action of araboflavines. James Viktor Supniewski and Josef Hamo. <i>Bull. intern. acad. polon. sci., Class. med.</i>, 1936, 38(73): <i>Rev. ges. Physiol. expit. Pharmacol.</i> 90, 516(1947). Studies were made on 6,7-dimethyl-9-d-araboflavine (I) and the corresponding <i>l</i>-isomer (II). Injection of 10 mg. per kg. intravenously to urethanized guinea pigs caused increase in blood pressure with each. On perfusing the rabbit leg I constricted, II dilated. Both constricted the small intestine. I stimulated then depressed the perfused rabbit heart, II showed only depression. James C. March</p> <p><i>11A</i></p>																																																	
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1ST AND 2ND ORDERS 1ST AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

MA

The pharmacological action of *p*-sulfamidoaminobenzene hydrochloride. Janusz Viktor Supniewski and Josef Hamo. *Bull. intern. acad. polon. sci. Class. med.* 1935, 99: 114; *Ber. ges. Physiol. exper. Pharmacol.* 99, 664 (1937). Subcutaneously injected into white mice, 2 g of *p*-sulfamidoaminobenzene-HCl (I) produced death within 10 to 12 hrs. Intravenously injected smaller doses stimulated the respiratory center, the large doses caused death by respiratory paralysis. Frog and rabbit hearts stopped in diastole. Isolated striped muscle of frogs was contracted. I increased the blood sugar content of guinea pigs and produced diuresis in rabbits. *In vitro* bactericidal action was observed for Gram-pos. cocci, but not toward Gram-neg. *E. coli*. James C. Munch

WATERBURY MODEL

ASH S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ

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1ST AND 2ND ORDERS

ADDRESSES AND PROPERTIES

ca

The pharmacological action of certain naphthoquinones. Jamsze V. Supniewski, Josef Hango and E. Raschner. *Bull. intern. acad. polon. sci., Classe med.* 1936, 33 (6); *Rev. sci. Physiol. exptl. Pharmacol.* 95, 516-17. The action of phthalocol (I), 2-methyl-1,4-naphthoquinone (II), 1,1-naphthoquinone (III), 1,2-naphthoquinone (IV), coumestrol (V), alizarin (VI) and quinizarin (VII) were studied on a no. of animals and isolated tissues. In general, the blood pressure was lowered in proportion to the doses. The heart was unaffected or stopped in systole. Diuresis developed. The respiration was unaffected or slightly stimulated. The small and large intestines were stimulated and tonus was slightly weakened. J. C. M.

11H

COMMON PAPER 11-721

AS 4-114 METALLURGICAL LITERATURE CLASSIFICATION

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

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<p>The pharmacological action of phenylethylcarbinol and <i>p</i>-tolylmethylcarbinol. Janusz V. Supniewski and Josef Hano. <i>Bull. intern. acad. polon. sci., Classe med.</i> 1935, 573-80; <i>Rev. gen. Physiol. expil. Pharmacol.</i> 95, 119. - Exts. of rhizome of <i>Curcuma domestica</i> contained a volatile constituent, <i>p</i>-tolylmethylcarbinol (I). I has been synthesized from AcH and the Mg compd. of <i>p</i>-bromotoluene. I is slightly sol. in H₂O, readily in EtOH. I and its isomer, phenylethylcarbinol (II), are protoplasmic poisons, having a weak antiseptic action against staphylococcus and a strong action against <i>B. coli commune</i>. Both depress smooth muscle. I has a strong action on the frog heart, II on the hearts of warm-blooded animals. I has a stronger stimulant action on the respiratory center than II; both have a local anesthetic action on the rabbit cornea. Although equally toxic to frogs, II is more toxic to mice.</p> <p style="text-align: right;">James C. Munch</p>																									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									
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113

Action of bile acids on the metabolism of carbohydrates and fats. J. V. Supniewski and J. Hano. *Med. Doświadczenia i Spoleczna* 10, 310-37 (1964).--Na cholate in subcutaneous doses of 0.04-0.06 g. per kg. of rabbit causes hypoglycemia. The max. effect is noticed 2 hrs. after injection. Given intravenously the same dose causes hyperglycemia; 0.1 of the dose produces hypoglycemia. Na desoxycholate and dehydrocholate act similarly. The same effects are observed in pigeons and depancreatized dogs. The blood-sugar level and urinary sugar output were lowered in the dog. The mechanism of hypoglycemia is not concerned with liver cell function. Cholic acid unites with glucose, inactivating the aldehyde group. Parenteral administration of bile acid to pigeons and rabbits caused a decrease in blood fatty acids (kept low for several days by a dose of 0.04-0.06 g. per kg.) accompanied by a fall in ionized P and ester P with an increase in blood phosphatides (the same effects are observed in hyperglycemic and lipemic dogs) and a fall in blood cholesterol, then a rise (when the fatty acid level is low) followed by a return to normal. Perfusion expts. on isolated frog and rabbit livers show cholic acid to be weakly glycogenolytic. Na cholate 1:10,000 does not augment the permeability of rabbit erythrocytes toward glucose. No apparent effects on metabolic rate of the rat could be observed. Normal and curarized frogs could not be used in metabolic studies. C. T. Ichniowski.

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LIST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

116

Studies on the pharmacological properties of a synthetic lobeline derivative.
J. HANO. *Doklady Akad. Nauk SSSR* 13, 395-412 (1951) in German (1951) - The ex-
tentive tests conducted with the lobeline deriv. of the formula $NMe \cdot CH_2 \cdot CH_2 \cdot CH_2 \cdot CH_2 \cdot C$
 $HCH_2 \cdot CH(OH)Ph$ are described. The prepn. was found to be 10 times less poisonous
than lobeline. Its pharmacol. properties are, in general, very close to those of lupinine
and sparteine. S. LAUPER

COMMON SUBJECTS

WATER-SOLUBLE

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

LIST AND 2ND ORDERS

LIST AND 2ND ORDERS

LIST AND 2ND ORDERS

HANN, F., ing.; FLOREA, C., ing.

Resistive electric tensometry. Pt.2. Metrologia apl 12 no.3:
112-121 Mr '65.

HANN, F., ing.

Measurements of the unitary efforts and specific deformations
by photoelastic coatings. Metrologia apl 11 no. 2:49-56 F'64.

HANN, F., ing.

Photoelastic transducers. Metrologia apl 11 no. 4:
150-153 Ap '64.

HANN, F., ing.

Modern measuring methods and apparatus used in the resistance test
by loading of constructions. Metrologia apl 10 no.11:490-499 N '63.

HANN, F., ing.

Electric resistive tensometry. Pt. 1. Metrologia apl 11 no. 7:
303-317 J1 '64.

HANN, F.

"Measuring stresses and deformations" by Kurt Fink [Kurt Finck]
and Khristof Rorbakh [Christof Rohrbach]. Reviewed by F. Hann.
Studia cerc mec apl 13 no.3:812-813 '62.

HANU, Alejandro

Graduate degree of architecture, Faculty of Architecture, Central University of Venezuela, Caracas, Venezuela, 1968.

1. Institute of Physical Chemistry, Technical University, Caracas.

HANKUS, Aleksandra

Studies on the determination of the oxidizing ability of waters
and sewages. Gaz woda techn sanit 37 no.1:24-26 Ja '63.

L 47528-66

ACC NR: AT6035007

SOURCE CODE: HU/2502/66/047/002/0199/0209

AUTHOR: Hankovszky, Olga H.--Khankovski, O. Kh. (Doctor), Hideg, Kalman--Khideg, K. and Mehes, Gyula--Mekhesh, D. (Professor; Doctor) of the Institute for Pharmacology at the University Medical School in Pecs.

"Allylphenol and Propenylphenol Derivatives"

Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 47, No 2, 1966, pp 199-209.

Abstract: [English version] The synthesis and properties of 2-methoxy-4-propenyl-2'-morpholinoethoxybenzene, 2-methoxy-4-propenyl-2'-morpholinoethoxybenzene monoethiodide, 2-methoxy-4-propenylphenoxyacetyl piperidine, 2-methoxy-4-propenylphenoxyacetyl(N-N')-methyl piperazine, 2-methoxy-4-propenyl-β-piperidinoethoxybenzene, 2'-(3-methoxy-4-hydroxyphenyl)-isopropylmorpholine, 2-methoxy-4-allyl-6-pyrrolidinomethylphenol, and 2-methoxy-4-allyl-6-(N)-2'-phthalimidoethyl(-piperazinomethyl)-phenol were described. The authors thank

Miss T. Huszar and Mrs. M. Ott for the microanalysis and for the technical assistance. Orig. art. has: 3 tables. [JPRS: 36,002]

TOPIC TAGS: chemical synthesis, nonmetallic organic derivative, phenol

SUB CODE: 07 / SUBM DATE: 08 Mar 65 / WITH REF: 005

Card 1/1

mjs

0971 / 1320

ACC NO AT 00111.

activity which increased with the length of the alkyl chain. The toxicity and hypotensive effect increased as well. Substitution of a piperazine ring also markedly increased the antifibrillatory activity and toxicity. The N-methylpiperidine compound with four alkyl groups in the chain proved to be 1.7 times more potent in auricular and 2.5 times more potent in ventricular fibrillation than quinidine and its toxicity was only 1.6 times higher. Orig. art. has: 4 figures and 1 table. [Orig. art. in Eng.] [JPRS]

SUB CODE: C7, 06 / SUBM DATE: 20Dec63 / ORIG REF: 001 / OTH REF: 013

Card 2/2 *la*

0919 0586

SZAM, Istvan, dr.; HANKOVSKY, Maria, dr.; CSAKANY, Gyorgy, dr.

Data on the occurrence, character and therapy of pulmonary tuberculosis associated with pulmonary artery stenosis. Tuberkulozis no.8:236-239 Ag '62.

1. A Budapesti Orvostudományi Egyetem IV. Beliklinikája, Országos Kardiológiai Intézet (Igazgató: Gottsegen György dr. egy. tanár) és a Fővárosi Úszoki u.-i kórház Tüdőosztálya (Igazgató főorvos: Szanto Sándor dr.) közleménye.

(PULMONARY STENOSIS) (TUBERCULOSIS, PULMONARY)
(TETRALOGY OF FALLOT)

HANKOVSKY, Maria, dr.; SZAM, Istvan, dr.

Tuberculosis of the pericardium with minimal symptomatology. (Clinico-pathological aspects). Tuberkulozis 14 no.6:179-182 Je '61.

1. A Fovarsai Uzsoki utcai Korhaz Tudosztalyanak (igazgato orvos: Szanto Sandor dr.) es a Budapesti Orvostudomanyi Egyetem IV Belklinikanak (igazgato: Gottsegen Gyorgy dr. egyetemi tanar) kozlomenye.

(TUBERCULOSIS CARDIOVASCULAR diag)

SZAM, Istvan, dr.; SZ. HANKOVSKY, Maria, dr.

"Clinically primary" tuberculous pericarditis. Tuberkulózis 14 no.4:
117-119 Ap '61.

1. A Budapesti Orvostudományi Egyetem IV sz. Belklinikájának (Igazgató:
Gottsegen György dr. egy. tanár) és a Fővárosi Uzsoki útszéki Kórház
Tudóosztályának (Igazgató főorvos: Szántó Sándor dr.) közleménye.

(TUBERCULOSIS, CARDIOVASCULAR)
(PERICARDITIS)

HANKOVSEKY, MARIA

SZANTO, Sandor, Dr.; HANKOVSZKY, Maria, Dr.; NAGY, Gabor, Dr.

Early and late results in the active therapy of pulmonary tuberculosis.
Tuberkulozis 10 no.10-12:271-276 Oct-Dec 57.

1. A Fovarosi Utsoki-utcai kórház (igazgató-főorvos: Szanto Sandor dr.)
Tudósztályának közleménye.
(TUBERCULOSIS, PULMONARY, surg.
early & late results, statist. (Hun))

SZANTO, Sandor, dr.; HANKOVSKY, Maria, dr.

Isoniazid therapy in chronic fibre-cavernous pulmonary tuberculosis. Tuberk. kerdesséi 8 no.6:173-176 Dec 55

1. A Fovarosi Uzsoki Utcai Korház (igazgató: Farkas Karoly dr.) Tüdő osztályának (feorvos: Szanto Sandor dr.) közleménye.
(TUBERCULOSIS, PULMONARY, ther.
isoniazid in fibre-cavernous pulm. tuberc., late results (Hun))
(NICOTINIC ACID ISOMERS, ther. use
same)

SZAM, I.:HANKOVSKY, M.:ECKHARDT, S.:JANCSO, G.:SELLEI, C.

Effect of potassium cyanide on the inhibitory effect of urethane
on the growth of tumors. Kiserletes orvostud. 4 no. 4:256-259
Aug 1952. (GLML 23:5)

1. Second Internal Clinic, Budapest Medical University.

HIDEG, K.; HANKOVSKY, H.; MEHES, J.

Estimation of aristolochic acid and some of its derivatives by paper chromatography and spectrophotometry in body fluids. Acta physiol. acad. sci. hung. 23 no.1:79-84 '63.

1. Institute of Pharmacology, Medical University, Pecs.
(PHENANTHRENES) (CHROMATOGRAPHY) (SPECTROPHOTOMETRY)
(BODY FLUIDS)

MEMORANDUM, 7.

"Usage of a plant for nitrogenous fertilizers with a low content of phosphorus,"
Ludvig J. Indrzejko, 2: 101, Vol. 1, No. 1, 1974, p. 101.

CC: Eastern European Agricultural Hist., Vol. 1, No. 11, 1974. H. J. C. D. D. D.

PROSECUTE, ...

"Protection against public electric supply from a bell-shaped curve ..."
(SEE U.S. CONGRESS, Vol. 2, no. 2, 1953, 2, p. 1.)

SC: Monthly List of East European Journals, Vol. 2, 1, Library of Congress
August, 1953, incl.

HANKOCZY, J.

They use aluminum for building boats. p.43. HUNGARIAN HEAVY INDUSTRY.
Budapest. No. 19, Spring 1956.

SOURCE: East European Accessions List (EAL), Library of Congress
Vol. 5, No. 12, December 1956

HANKOCZY, J.; SZEKELY, J.

A new type of small passenger ships made of aluminum. p. 456.
(Kozlekedestudományi Szemle, Vol. 6, no. 11/12, Nov./Dec. 1956.
Budapest, Hungary)

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, no. 9, Sept. 1967. Uncl.

HANKOCZY, J.

New-type small passenger boats made of aluminum, p. 205, JARHUVEK
MEZOGAZDASAGI GEPEK (Dolgozo Ifjusag Szovetsege) Budapest, Vol. 3,
No. 8, Aug. 1956

SOURCE: EEAL, Vol. 5, No. 11, November 1956

WYCOFF, J.

Publications of the College for Agricultural Mechanical Engineers:
A mezogazdasagi gepi munkakkal kapcsolatos tervezes (Planning Related
to Agricultural Mechanical Work); a book review, p. 227, JML VEK
MEZOGAZDASAGI GEPEK (Dolgozo Ifjusag Szovetsaga) Hirdesei, Vol. 3,
No. 2, Aug. 1956.

REF ID: East European Accessions List (EAL) Library of Congress,
Vol. 5, No. 11, November 1956.

HANKO, Zoltanne

"Timing of first pregnancy as a factor in divorce: a cross-cultural analysis" by Harold T. Christensen. Reviewed by Mrs. Zoltan Hanko. Stat szemle 42 no.11:1172-1173 N '64.

HANKO, Zoltan

"The costs and returns of human migration" by Larry A. Sjaastad.
Reviewed by Mrs. Zoltan Hanko. Stat szemle 41 no.10/11:1041-1042
Q-N '63.

HANKO, Zoltan

"Agricultural productivity in the United States, 1870-1960"
by Charles O. Meiburg, Karl Brandt (from "Food Research Institute
Studies," no.2, 1962). Reviewed by Mrs. Zoltan Hanko. Stat
szemle 41 no.5:538-539 My '63.

HANKO, Zoltan

Model tests of natural watercourses. Muszaki kozl MTA 33 no.1/4:
83-98 '64.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

HANKO, Zoltan; VAGAS, Istvan; PERENYI, Karoly; MUSKALAY, Laszlo

Society and technical news. Hidrelogiai kozlony 43 no.1:6, 18, 30,
38, 76, 81 F '63.

1. "Hidrelogiai Kozlony" revatvezetoje (for Vagas).

HANKO, Zoltan, dr., okleveles mérnök, tudományos főmunkatárs

Determination of water level correlations in closely spaced segments of natural watercourses. Vizügyi közl. no. 1:74-79 '63.

1. Vizgazdálkodási Tudományos Kutató Intézet.

HANKO, Zoltan, dr.

Sediment transporting capacity of open watercourses. Hidrologiai
kozlony 44 no.7:307-309 JI '64.

1. Scientific Research Institute of Water Resources Development,
Budapest.

HANKO, Zoltan

Tailrace length at stilling boxes of bottom drops in small watercourses. Hidrológiai közlöny 42 no.3:221-226 J1 '62.

1. Vizgazdálkodási Tudományok Közlöny, Budapest.

HANKO, Zoltan

"Nomograms" by Otto Haszpra, Lorant Falnay. Reviewed by
Zoltan Hanko. Hidrologiai kozlony 42 no.3:220 J1 '62.

HANKO, Zoltan

Improving flow conditions by applying suction orifice. Hidrologiai kozlony 41 no.4:307-310 Ag'61

1. Vizgazdalkodasi Tudomanyos Kutato Intezet.

HANKO, Zoltan

Water power utilization in the Australian alps. Hidrologiai
kozlony 38 no.1:66-67 F'58.

HANKO, Z.

Melyepitestudományi Szemle - Vol. 4, no. 12, Dec. 1954.

Experiments with models of run-off lock gate and the ship sluice at Tiszavasar. p. 654.

SO: Monthly list of East European Accessions, (SEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

Z. HANKO.

"Automatizing the Water Supply of the Reservoir in the Laboratory of the Water Economy Research Institute." p. 127. (Magyaritestingoranyi Szekle, Vol. 3, no. 3 Mar. 1953 Budapest.)

Vol. 2, no. 9
SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

L 21716-65
ACCESSION NR: AP5002949

art. has: 21 formulas and 11 figures.

ASSOCIATION: Institut kibernetiki Akademii nauk Estonskoy SSR (Institute of
Cybernetics, Academy of Sciences Estonian SSR)

SUBMITTED: 17Mar64

ENCL: 00

SUB CODE: DP, MA

NR REF SOV: 004

OTHER: 000

Card 2/2

L 21716-65 EWT(1)/EEC(b)-2/EED-2/EWA(h) Feb ASD(a)-5/AFMD(p)/AFTC(b)/
ESD(dp) s/0023/64/000/004/0370/0381
ACCESSION NR: AF5002949

AUTHOR: ~~Hanko, P.~~ (Khanko, P.)

TITLE: Concerning some algorithms for the synthesis of logical networks B

SOURCE: AN EstSSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 4, 1964, 370-381

TOPIC TAGS: algorithm, logic network, network synthesis 25

ABSTRACT: Two algorithms which can be used for the synthesis of logical networks are presented. The first algorithm makes it possible to determine those combinations of the members of a disjunctive normal form of a logical function, which do not satisfy the condition for quasi-nonrepetitivity. If such combinations do not exist, the algorithm makes it possible to determine whether the logical function can be realized by a quasi-nonrepetitive network or not. The second algorithm determines whether the number of repeated contacts in a synthesized network is sufficient. This algorithm essentially extends the procedure for the synthesis of quasi-nonrepetitive circuits to include those with repeated contacts. Orig.

Card 1/2

CSERI, Zoltan; HANKO, Janos; DEDE, Zoltan; TOTH, Akos

Experiments for use of tetracycline derivatives in the canning industry. II. Konzerv paprika no.6:194-197 N-D '62.

1. Duna Konzervgyar (for Dede). 2. Chinoin Gyogyszergyar (for Cseri, Hanko, and Toth).

CSERI, Zoltan; DEDE, Laszlo; TOTH, Akos; HANKO, Janos

Experiments for using tetracycline derivatives in the canned industry. I. (To be contd.) Konzerv paprika no.5:145-150 S-0 '62.

1. Chincin Gyogyszergyar (for Cseri, Dede, Toth). 2. Duna Konzervgyar (for Hanko).

CZECHOSLOVAKIA/Diseases of Farm Animals - Diseases Caused by
Helminths.

R-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50204

Author : Vodrazka, J., Berecky, I., Sokol, J., Hanka, J.

Inst : -

Title : The Problem of Using Piperazine for the Treatment of
Horses.

Orig Pub : Veterinarstvi, 1957, 7, No 9, 273-275

Abstract : The authors conducted tests which revealed that piperazine
adipate and citrate are 100 percent effective when used in
doses of 0.25 gr/kg in treating parascariasis in colts.
These preparations were equally effective against immature
as well as mature forms of the parasite. Good therapeutic
results were also obtained with the same preparations in
treating strongyliasis. They were less effective, how-
ever, against oxyurosis.

Card 1/1

L 13377-66

SOURCE CODE: HU/0017/65/017/002/0096/0110

ACC NR: AP6007276

AUTHOR: Hanko, Geza, Jr. (Doctor)

23
B

ORG: none

TITLE: Field tasks of the geodetist in implementing the investment plans of the industry and renovating the productive facilities

SOURCE: Geodezia es kartografia, v. 17, no. 2, 1965, 96-110

TOPIC TAGS: geodesy, ground survey, geodetic survey

ABSTRACT: The laws regulating the establishment of factories and reorganization of industrial sites require many field tasks to be performed by geodetists. These tasks were reviewed. The most important ones include the development of the basic network, modification of the network, ensuring the permanency of the network-point markers, altitude determinations, surveying rail and road lines, surveying for above-ground installations, surveying for below-ground installations, and administrative functions. Orig. art. has: 18 figures. [JPRS]

SUB CODE: '08 / SUBM DATE: none / ORIG REF: 011

UDC: 528.48.01/02

Card 1/1 *g*

2

HANKO, Geza, dr.

Probable error of stereo-photogrammetric altimetry. Geod
kart 15 no.5:321-328 '63.

HANKO, Geza, dr.

Adaptation of radial triangulation to a geodetic system. Muszaki
kozl MTA 30 no.1/4:299-315 '62.

ILLEGIBLE

HANKO, Geza, dr.

Determination of the geodetic coordinates of image points and the lines of the map system. Geod kart 14 no.1:21-23 '62.

S/035/02/001/002/001/051
K001/R101

AUTHOR: Hankó, G.

TITLE: The ways of development of stereophotogrammetry and stereophotogrammetrical instrument construction

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 3, 1963, 10, abstract 2676 ("Geod. és kartogr.", 1961, v. 13, no. 3, 170-172, Hungarian)

TEXT: The author surveys the general development of photocameras, photo-materials, radio navigation methods and stereo instruments in various countries. The importance of using electronics and automation in photogrammetric instruments is emphasized. The present state and prospect of development of photogrammetry in Hungary are described.

F. Sh.

[Abstracter's note: Complete translation]

Card 1/1

Application of ground photogrammetry to...

S/O 35/62/000/009/048/000
AC01/AIC1

corresponded, in accuracy, to detailed urban survey. The current, well illuminated and covered with confetti, was periodically photographed with a camera mounted on the flat roof of the laboratory. In order to cover, without discontinuation, the surface of water with a small number of photographs, the optical axis of the camera was inclined through an angle of $46 - 38^\circ$ from the vertical. The photosurvey had a purpose to determine proportionality of various levels on the model and hydrodynamic properties of the current during various stages of building constructions and operation of the hydroengineering center. The photographs were processed on a SBR-rectifier; distortions due to relief were not taken into consideration. Photographs on the 1:5,000 scale, made for various cases, serve as a good basis for the further projection of hydropower centers.

G. Levechuk

[Abstracter's note: Complete translation]

Card 2/2

3/035/62/000/009/046/060
A001/A101

AUTHOR: Hankó, Géza

TITLE: Application of ground photogrammetry to hydrotechnical modeling

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 9, 1962, 20, abstract 9G133 ("Építőipari és közlek. műsz. egyet. tud. közl.", 1961, v. 7, no. 2, 147 - 172, Hungarian; Russian, English, French, German, Spanish summaries)

TEXT: The author describes the experience of a ground photogrammetric survey of the model of a hydroengineering power center designed for the Vyshegrad portion of the Danube. The study was performed by the Scientific Research Institute of Water Economy. The scale of the model is 1:75. The length of the portion is 2 km, the width is 0.6 - 1.2 km. A general plan on the 1:100 scale was compiled for the locality of model construction. The project of the model was transferred to the locality by laying off projected distances from the base line. The data for the compilation of the general plan of the model and its lay-out on locality were taken from the project design of the hydroengineering power center (1:7,500 scale). On the constructed model were fixed crest points of the concrete face which served as beacons for photogrammetric survey. Operational measurements of the model

Card 1/2

HANKO, Geza., a muszaki tudományok doktora

Application of photogrammetry in 1:10,000 or higher scale mapping
under Hungarian conditions. Muszaki kozl MTA 27 no.3/4:393-428 '60.

1. Allami Foldmeresi es Tarkepeszeti Hivatal, Budapest.
(Hungary--Maps) (Photogrammetry)

HANKO, G., Kand. d. Techn. Wiss.

On radial triangulation. Acta techn Hung 30 no.3/4:231-257 '60.
(EEAI 10:4)

1. Staatl. Amt fur Vermessungswesen und Kartographie, Budapest.
(Triangulation)

HANKO, Geza

Correlation between mean coordinates and horizontal plane coordinates
Geod kart 12 no.3:170-173 '60. (EEAI 10:3)
(Photogrammetry) (Coordinates)

HANKO, Geza

Relations between the external data of photographs and the focusing
elements of the transformer. Geod kart 12 no.2:87-90 '60. (EEAI 9:9)
(Photography) (Cameras)

HANKO, G.

Science

"GEODEZIA ES KARTOGRAFIA"

Soviet photogrammetric instruments. p. 300

Vol. 10, No. 4, 1958

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

PAIKO, I.

Aerial photoaerobic experiences in mapping on a large scale. p. 27.
(GEOGRAFIA ES FORTIFIKACIA. Vol. 9, no. 1/2, 1967. Hungary)

See: Monthly list of East European Accessions (Soviet) 1967. vol. 6, no. 12, Dec. 1967.
Incl.

HANKO, G.

Photogrammetric survey.

P. 187 (Geodezia es Kartografila. Vol. 9, no. 3, 1957 Budapest, Hungary)

Monthly Index of East European Accessions (FFAI) LC. Vol. 7, no. 2,
February 1958

THIRD, 3.

Topographic mapping of Hungary at the scale of 1:5,000 and 1:10,000 by the photogrammetric method, p. 100. (Available as Earthworks, Vol. 8, no. 3, 1956; subject)

80: Monthly List of East European Accessions (R311) 11, Vol. 6, no. 7, July 1953. Incl.

ILLEGIBLE

HANKO, G.

"Modern map making with photogrammetry." p. 136. (Földmérési Közlemények, Vol. 5, no. 3, 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Unclassified

HANKO, Z.

Topographic surveying of Hungary on the scales 1:5,000 and 1:10,000 by the photogrammetric method. (To be contd.) p. 130, GEODEZIA ES KARTOGRAFIA. (Allami Foldmeresi es Terkepszeti Hivatal) Budapest. Vol. 8, No. 2, 1956

SOURCE: East European Accessions List (EFAL) Library of Congress, Vol. 5, No. 11, November 1956

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1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH ORDERS																															
7 HANCO, G.																																																			
Magyar Közlekedés, Mely-Es Vizepites Communication and civil engineering in Hungary vol. II 1.50 no. 11, november																																																			
G. Hanco Leveling of double altitude base points																																																			
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HANKO, Bela (Bekescsaba)

The origin of the Hungarian horned cattle. Magy biol Dececon 2:
215-226 '52 [publ. '54].

L 43012-00

ACC NR: AT6031823

The authors thank Doctor H. Csernyanszki for advice and assistance in the immunological studies. Orig. art. has: 9 figures and 1 table. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06, 07 / SUBM DATE: 10Jan64 / ORIG REF: 001 / OTH REF: 022

Card 2/2 MLP

0919 0572

L 43012-66 T JK

ACC NR: AT6031823

SOURCE CODE: HU/2505/65/026/003/0217/0226

AUTHOR: Szabolcs, Marton--Sabol'ch, M.; Orosz, László--Oros, L.; Hankiss, Janos--
Khankishsh, Ya. 49
13
BTORG: Central Research Laboratory, Medical University of Debrecen, Debrecen
(Orvostudományi Egyetem Központi Laboratóriuma); I. Department of Medicine, Medical
University of Debrecen, Debrecen (Orvostudományi Egyetem I. sz. Belklinikája)TITLE: Physico-chemical and immunological properties of purified pathological
macroglobulinSOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 3, 1965,
217-226TOPIC TAGS: centrifugation, serum, electrophoresis, protein, immunology, absorption
spectrum

ABSTRACT: Macroglobulin has been isolated from the serum of a patient with Waldenström's macroglobulinemia. The compound was not homogeneous on ultracentrifugation. It consisted to about 85 per cent of a component with a sedimentation coefficient of 18 S and a molecular weight of 860,000 and another component, the quantity of which was about 15 per cent, with a sedimentation coefficient of 27 S and a molecular weight of 1,300,000. On electrophoresis, the macroglobulin behaved as a homogeneous monodisperse system in a veronal buffer of 0.1 μ and at a pH of 8.6. With 2-mercaptoethanol, the macroglobulin dissociated to a compound with a sedimentation coefficient of 6.27 and a MW of 153,000. Since this dissociation could be demonstrated by viscosimetry, their estimation by such a simple method is thought possible. A profound change in the absorption spectrum of macroglobulin was caused by the 2-mercaptoethanol. Immunological studies revealed its relationship to gamma globulin and also serological differences between its two components.

Card 1/2

5919 0 577

L 9758-66

ACC NR: AP6001949

SOURCE CODE: HU/0018/65/017/001/0028/0031

AUTHOR: Hankiss, Janos--Khankish, Y.; Keszthelyi, Mihaly--Kestkhei, M.;
Demeny, Peter--Demen¹, P

ORG: I. Medical Clinic, Medical University of Debrecen (Debreceni Orvostudományi
Egyetem I. sz. Belklinikája)

TITLE: Adrenocortical hormones and ADH decomposition

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 28-31

TOPIC TAGS: hormone, endocrinology, biochemistry

ABSTRACT: It has been determined that the ADH decomposition in the liver and renal tissue of either normal or adrenalectomized animals is not influenced by adrenocortical hormones. Even higher doses of hydrocortisone and DOCA have not increased the ADH decomposition. It has been concluded that the influence of corticoids on the water balance is not exerted through the decomposition of ADH. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 29Feb64 / ORIG REF: 004 / OTH REF: 031

PC
Card 1/1