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PASTOREK, Pavel

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1. Ustredni vybor Komunisticke strany Ceskolovenska, Praha.





BALAS, V.; JUNGER, L.; MAYER, M.; PASTOROVA, J.

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Visnevsky's therapeutic method with novocaine blockade and oleobalsamic emulsion; experiences in therapy of inflammatory diseases. (CIML 25:1) Cas. lek. cesk. 92 no.27:743-755 3 July 1953.

1. Of the First Surgical Clinic (Head--Prof. A. Jirasek, M.D.) of Charles University, Prague.



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PASTOROVA, JANA.

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Celkova anestesie. [2. vyd.] ^Praha, Czechoslovakia. Statni zdravotnicke nakl., 1958. 157 p.

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PASTONOVA, Jana; HODER, Josef

第12回图

Problem of anesthesia in ambulatory and minor operations. Summary and instructions for practice. Rozhl.chir.39 no.10:679-682 0'60.

(SURGERY MINOR anesth. & analgesia)



HODER, J.; PASTOROVA, J.; WALCOK, F. Prevention in anesthesiology. Rozhi. chir. 44 nc.8:592-594 Ag '65.



CIA-RDP86-00513R001239 "APPROVED FOR RELEASE: Wednesday, June 21, 2000 Carl Hox Hox State Barrier Barrier PAStopol 1.E 3 Change of the thromboplastic activity of blobd and strength of the capillarles after splenoctomy. B. A. Kudry-ashov, T. M. Kalishevskaya, and Y. E. Pastorova (M. V. Lomonosov State Univ., Moscow): Dollady Akad. Nous S.S.S.R. 107, 185-7(1956).—Complete removal of the spleen from white ratis leads to a rapid and great drop in the thromboplastic activity of blood. After 2 weeks there be-gins a restoration of this function which is complete in some 4 weeks. Along with the drop in thromboplastic activity there is a parallel drop in the strength of the capillaries, whose restoration occurs somewhat earlier, however. G. M. Kosolapoll G. M. Kosolapol



PASTOROVA, V.Ye.; KUDRYASHOV, B.A.

Depression of the function of the physiological anticoagulation system following experimental radiation injury in animals. Biul. eksp. biol. i med. 54 no.9:39-42 S 'b2. (MIPA 17:9) 1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi kafedry biokhimii zhivotnyah Moskovskogo universiteta imeni Lomonosova. Predstavlena deystviteltuym chlenom AMN SSCH S.Ye. Severinym.

PASTOROVA, V.Ye.

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日本中国的中国大的中国大学会

Change in the permeability of capillary vessels and the absorption of the Congo red from the blood channel by the cells of reticuloendothelium following intravenous injection of thrombin. Nauch. dokl.vys.shkoly; biol.nauki no.2:105-108 '63. (MIRA 16:4)

1. Rekomendovana laboratoriyey fiziologii i biqkhimii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova. (RETICULOENDOTHELIAL SYSTEM) (THROMBIN) (ABSORPTION (PHYSIOLOGY)) (CAPILLARIES __ PERMEABILITY)

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CIA-RDP86-00513R001239



关键和目标的代表的问题的目标的问题。

PASTOROVA, V.Ye.; ROSKIN, G.I.; KUDRYASHOV, B.A.

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Function of the physiological anticoagulation system in a reticulo-endothelial block. Biul. eksp. biol. i med. 52 no.ll:23-26 N '61. (MIRA 15:3)

 Iz laboratorii fiziologii i biokhimii svertyvaniya krovi i kafedry gistologii biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye. Severinym. (RETICULQuEENDOTHELIAL SYSTEM) (BLOOD--COAGULATION)

PASTOROVA, V.Ye.

新祝社的科理

Changes in the absorbing function of cells of the reticuloendothelial system in animals following intravenous administration of thrombin and thromboplastin. Nauch. dokl. vys. shkoly; biol. nauki no.3:98-101 '61. (MIRA 14:7)

1. Rekomendovana laboratoriya biokhimii i fiziologii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova. (RETICULO-ENDOTHELIAL SYSTEM) (BLOOD-COAGULATION) (ADSORPTION (PHYSIOLOGY))





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PASTOBOVA, Jana; BALAS, Vladimir; BIGANOVSKY, Mojmir; JUNGER, Ladislav; LUKESOVA, Tamara; VLACH, Vladimir

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Importance of open intracranial injuries with regard to mortality & loss of working ability. Rozhl. chir. 38 no.6:373-380 June 59

1. I. chirurgicka klinika v Praze, prednosta prof. dr. J. Pavrovsky Neurologicka klinika v Praze, prednosta akademik prof. dr. K. Henner. (BRAIN, wds. & inj.) (DISABILITY EVALUATION)

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USSR / Hum Mot	an and Animal Physiology (Normal and Pathological). T-3 abolism.
Abs Jour	: Rof Zhur - Biologiya, No 13, 1958, No. 60045
Author Inst Titlo	Pastorova, V. Yo. : AS USSR : Changes of Capillary Fragility in K Avitaminosis and the Specific Effect of Vitamin K Upon Capillary Resistance
Orig Pub	: Dok1. AN SSSR, 1957, 113, No 6, 1379-1382
Abstract	: The blood prothrombin level and capillary fragility were investigated in rats with K avitaminosis produced by the ligature of the bile duct, and with P avitaminosis produced by emission of P in the feed. In K avitaminosis, there was an impairment of blood congulation, and also an increase in capillary fragility. The administration of a water-soluble preparation of vitamin K (bisulphite
Card 1/2	





Studying the strength of capillary vessels and the effect of a vitamin P preparation (catechin) on capillary strength in X-irradiated animals. Nauch. dokl. vys. shkoly; biol. nauki no.4:74-77 '59. (MIRA 12:12)

1.Rekomendovana laboratoriyey fiziologii i biokhimii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova. (VITAMINS---P) (RADIATION PROTECTION) (CAPILLARIES)

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SUPERSONAL PROPERTY AND INCOME. NATION TO COMPANY KUDRYASHOV, B.A.; PASTOROVA, V.Ye.; ZAGORBVSKIY, V.A. Rffects of synkavite (tetrasodium salt of 2-methyl-1,4-naphthoquinone diphosphate) on concentrations of prothrombin and convertin and on the thromboplastic activity of the blood in experimental vitamin K deficien-cy. Vop.med.khim. 5 no.4:279-284 J1-Ag '59. (MIRA 12:12) 1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi, kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta. (VITAMIN K DEFICIENCY exper.) (BLOOD COAGULATION pharmacol.)

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; BAZAZ'YAN, G.G.; KALISHEVSKAYA, T.M.; PASTOROVA, V.Ye.; SYTINA, N.P.; ULITINA, P.D. The physiological anticoagulating system and experimental prethrombotic state of the organism. Vest. Mosk. un. Ser. 6:3-23 Mr-Ap '61. (MIRA 14:5) 1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta. (BLOOD--COAGULATION)

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PASTOBOVA, V.Ye.; KUDRYASHOV, B.A.

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Effect of bone marrow injections on the thromboplastic activity of blood in X-irradiated rats. Nauch.dokl.vys.shkoly; biol. nauki no.1:80-83 '59. (MIRA 12:5)

1. Rekomendovana kafedroy biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova. (RADIATION PROTECTION) (MARROW) (BLOOD--COAGULATION)





Particular and particular								
AUTEOR	20-5-59/60 KUDRYASHOV, B.A., KALI SHEVSKAYA, T.N., PASTOROVA,							
. <i>TI TLE</i>	Blood Prothrombokinase and Thrombotropine Deficiency in Splenectomised Rats. (Nedgetatochnost'protrombokinasy krovi i trombotropina u splenektomirovannykh krys Russian)							
PERIODICAL	Doklady Akademii Nauk SSSR 1957 Vol 114 Nr 5, pp 1128-1131 (U.S.S.R.)							
ABSTRACT	The authors showed already previously that a complete splemettomy in animals leads to an abrupt thromboplastic activity of the blood. At the same time a certain loss of solidity of the capillaries is observed. The present in- vestigation is dedicated to the study of the immediate causes of the catastrophic reduction of the mentioned blood activity. This activity depends on the amount and quality of prothrombokinase in the blood platelets (of factor 3 of the blood platelets) and on the level of thrombotropine in the plasma. Therefore, when tests were resumed, chief attention was concentrated on the study of the number of blood platelets and the prothrombokinase "charge" contained in them. The concentration of this lat- ter enzyme in the plasma at different stages of the ex-							
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的主题的资源的常常的正式是不能的 20-5-59/60 -------Blood Prothrombokinase and Thrombotropine Deficiency in Spleneotomised Hats. periment, the change of the number of erythrocytes, of the percentage of hemoglobin and prothrombine were also studied. Finally the solidity of the capillaries before and after splenectomy was determined. White rats served as test material. In 262 of them the entire spleen, and in 149 only half of the spleen was removed. 145 normal rats served for control. Result: It is known that in splenectomised rats the greatest reduction in thromboplastic blood activity is observed between the 6th and 9th day after operation, which fact was confirmed by the authors' tests. The half-operated and the normal animals exhibited no essential changes. Only one death occurred here. Toward the 18th and 25th day the mentioned activity was almost restored to the normal physiological level in the majority of the surviving operated animals. Complete splenectomy inevitably caused the death of part of the animals toward the 5th to 8th day. The prothrombine concentration usually remained unchanged, in individual cases however it completely disappeared from the plasma which was a very bad prognostic symptom. Complete splenectomy, in contrast to a partial one, leads to hypothrombo-tropinemia. On the 21rst day the physiological level CARD 2/4 returns. As is known, thrombotropine-biosynthesis is

یورنی: 20-5-59/60 Blood Prothrombokinase and Thrombotropine Deficiency in Splenectomised Rats.

under control of vitamin K. In operated animals which received large doses of 2-methyl -1,4-naphthoquinone and in others which received small doses of synkavit, the thrombotropine concentration was restored after 24 hours. It was found to decrease further by 15 %. In spite of this restoration the former low thromboplastic blood activity was conserved in the rate. This indicates that the noticed decrease in concentration to 40 % is not the only and main cause of the catastrophic decrease in blood activity. Therefore the prothrombokinase of blood platelets as the second agent on which the formation of blood thrombokinase depends was studied. On the 7th to 8th day after the full operation the number of erythrocytes in the blood is considerably reduced: the number of blood platelets rises sharply. It seems that there occurs a certain absolute increase in platelets at this time. The results indicate that the prothrombokinase deficiency (of factor 3 of the blood platelets) occurring i anlenectomised

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	20-559/60 Blood Prothrombokinase and Thrombotropine Deficiency in
	Splenectomised Rats.
	rats is due to an infection agent (bartonellosis). Thus the insufficiency of blood platelets with regard to factor 3 may be a consequence of infectious toxicoses. This phenomenon can be removed by antiinfectious agents.
	(4 Tables, 5 Slavic references)
ASSOCIATION:	"M.V. Lomonosov" Moscov State University.
	(Moskovskiy gosudarstvennyy universitet in.M.V. Lomonoova)
CODILITED:	V.N. Shaposhnikov, member of the Academy. 1.10.56.
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AUTHOR :	PASTOROVA, V. Ye. 20-6-56/59
TIŢLE:	Variation in the Strength of Capillaries in the Case of Vitamin K Deficiency, and the Specificity of the Effect produced by this Vi- tamin upon the Strength of Capillaries. (Ismeneniye prochnosti kapilyarnykh sesudev pri K-avitaminese i spetsifichnest' deystviya vitamina K na prochnost' kapillyarev.
PERIODICAL:	Russian). Deklady Akademii Nauk SSSR, 1957, Vel 113, Nr 6, pp 1379 - 1382 (U.S.S.R.)
ABSTRACT: Card 1/2	Vitam X is known as an anti-haemerrhagical. If there is not enough of it, haemerrhages can develop in the blood. On this eccasion the concentration of some thrembegen blood elements decreases abruptly: Protethrembene and Trembetrepin. There are only few references in literature concerned the influence of Vitamin K on the strength of the capillaries. Some authors say it has a capillary-strengthening effect. On the eccasion of the introduction of its antagonistic di- cumarin the strength of the capillaries decreases, which does not eccur if at the same time considerable desses of vitamin K are intro- duced. The purpose of the present work was to find out: 1) whether the capillary strength of animals with too little vitamin K changes, and/mother vitamin K has a positive effect on the capillary strength of such animals, 2) whether in the case of a positive influence, the

	USSR/Human	an	d Animal Physiology (Normal and Pathological). T-3
			Blood. Blood Congulation.
	Abs Jour	:	Ref Zhur - Biol., No 16, 1958, 74670
	Author	:	Kudryashov, B.A., Kalishevskaya, T.M., Pastorova, V.Ye., Preobrazhenskaya, M.Ye.
	Inst	:	AS USSR
	Title	:	Insufficiency of Prothrombokinases of Alood and Thrombotro- pin in Rats that have Undergone Splenectomy.
	Orig Pub	:	Dokl. AN 855R, 1957, 114, No 5, 1128-1131
	Abstract	:	In 262 rate the spleen was completely removed; in 149, only partially. In the first case, the thromboplastic ac- tivity (TA) decreased sharply on the 6-9th day; in the se- cond it did not change. Toward the 18-25th day TA in a ma- jority of splenectomized rate was restored almost to nor- mal. The concentration of prothrombin after splenectomy
	Card 1/3		
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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123 USSR/Human and Animal Physiology (Normal and Pathological). Blood. Blood Coagulation. T-3 Abs Jour : Ref Zhur - Biol., No 16, 1958, 74670 II, obtained from T of RS, comprised only 16% of normal. After full removal of the spleen an acute deficit of prothrombokinases of the blood (factor 3 T) appeared; in this connection during blood congulation there was not a sufficient quantity of II, in spite of the abundance of T. Seemingly, in connection with the infection of the rats with Bartonella muris, full S occurs due to the development of the infection to toxicosis, which blocks the formation of II. In tests with the introduction of novarsenol, the TA in RS remained normal. -- A.D. Beloborodova. Card 3/3 - 37 -



PASTOROVA, V.Ye.; KUDRYASHOV, B.A.

Strength of capillaries in the case of antagonistic interaction between dicoumarin and vitamin K in the animal organism. Dokl. AN SSSR 107 no.2:340-342 Mr ¹56. (MIRA 9:7)

1.Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. Predstavleno akademikom A.D.Speranskim. (CAPILLARIES) (COUMARIN) (VITAMINS--K)



PASTORS, A.A.

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11. Discharge of fresh water and advection of heat into the Gulf of Riga. Trudy GOIN no.65:14-38 '61. (MIRA 14:8) (Riga, Gulf. of -- Hydrology)



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The extremely low water level in the Gulf of Riga. Trudy GOIN no.65:128-137 '**41**, (MIRA 14:8) (Riga, Gulf of--Hydrography)



KONENI, ****; PERISIC, Wara; BANICEVIC, Bozidar; PASTRAKULJIC, Nada; GLIDZIC, Lela
Hydrocortiscne therapy of acute infectious hepatitis. II. Results of prolonged therapy. Srpski arh. celok. lek. 92 no.7: 723-733 Jl-Ag '64
1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Branislav Stanojevic).









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		: : RZKhim., No. 21 1959, No.	
•	AUTHOR INST.	Schiopu, M., Onu, V., and Pastravanu, M.	
	TIMI	eters	
	ORIG. PUB.	Bul Inst Folitehn Iasi, 4, No 1-2, 155-158 (1958)	
	ABSTRACT	The authors criticize methods used in the calibra- tion of Hg-thermometers which do not take into account nonuniformities in the ruling of the thermometer scale. The results of measurements with a cathetometer having an accuracy of 2/4 of the distances between scale divisions (0.01°) of a Beckman thermometer are presented. It has been found that these differences vary from 408 to 449 M The authors propose a calibration method	
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APPR	ABS. JOUR. : AUTHOR : INJT. : TITLE : ORIG. PUB. : ABSTRACT :	RZKhim., No. 21 1959, No. 74754 consisting in the determination of two correc- tions: A correction for the nonuniformity in the graduation of the scale, obtained by measur- ing distances between scale divisions with a cathetometer, and a correction for the nonuniform- ity of the thermometer capillary, obtained by measuring the length of a Hg column separated from the reservoir over different sections of the cap- illary. The total correction to the indication	.3R00123



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Арв Золь.	:	Referat Zhur - Fizika, No 5, 1957, 12224	
luthor	:	Pastrnak, Josef., Kuzel, Radomir	
Inst	:	Physics Institute of Karlovy University, Prague, Czechoslo- vakia.	
Fitle	:	Effect of Illumination on the Conductivity and Photoconduc- tivity of Cuprous Oxide.	
rig Pub	:	Askosl. casop. fys. 1956, 6, No 2, 170-187	
Abstract	:	Description of the technology for obtaining specimens of Cu_0 for the performance of experiments. The electric conductivity is measured by the probe method. It is shown, that at high temperatures (70 90°) there is no observed exponential law of variation of conductivity with temperature. If the specimen was illuminated, its conductivity began to increase to saturation, which took place at room	
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	EWT(1)/EWP(1)/T/EWP(t)/EEC(b)-2/EWF(b) IJP(c) JD/GG IR: AP5012378 GE/0030/65/009/002/K073/		
UTHOR:	Fustrnak, J.; Roskovcova, L.	50	
TTLE: E	Elitaxial growth of All layers on SiC and Si single crystals in gas 44.55 14 27 21 77 21 77 21	19	
OURCE :	Physica status solidi, v. 9, no. 2, 1965, K73-K75		
OPIC TAG	S: epitaxial growing, single crystal, crystal growth, silicon singl	• • • • • • • • • • • • • • • • • • •	
rystal, as disch	aluminum mitride, silicon carbide, aluminum oxide, crystal orientati	on,	 -, ^-
al subst:	The possibility of oriented, epitaxial growth of AlN on a special rate was investigated. Corundum single crystals (A1203) were used f	or	
ontrol p	upposes and SiC and Si were chosen as substrates best suited to the priented AlN growth. In the case of SiC and Al ₂ O ₃ single crystals	condi-	
ll layer	s were grown on the natural (00.1) crystal faces, and in the case of	S1 on	
18 Crien	the cut and polished (111) face. The symmetry of these faces is ide dimensions differ by about 1% in the case of SiC and by around 25%	ntical	
se of S:	A mixture of nitrogen and AlCl ₃ vapors was fed through the react	ion	

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vone; the to overall pie 1203 had no the case of	ssure in the o orienting e	the zone was at tube was from 3 t ffect on the orig ges a voltage hys	o 4 mm Hg. entation of t	Unlike Si and he developing	SiC substrate All nucleus.	es, In
	ten, Frague (P	ches Institut der hysical Institute ENCL: 00	e, Czechoslov		44,55	
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EWA(k)/FBD/EWG(r)/EBG(k)-2/EEC(t)/T/EEC(b)-2/EWP(k)/EWA(m)-2/ 53823 EWA (1.77 Pn-4/Pn-4/Po-4/Pf-4/Peb/P1-4/P1-4 SCTB/IJP(c) ACCESSION NR: AP5015924 WG cz/0055/65/015/006/0379/0390 AUTHOR: Pastrnak, J. Ç. 1 TITLE: Thermal source of stimulated radiation æ BOURCE: Ihekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 6, 1965, 379-390 TOPIC TAGE: stimulated radiation, laser, maser, photon engine ABSTRACT: An investigation is made of a source of stimulated radiation whose energy to supplied from a thermal reservoir. Coherent radiation sources based on the use of thermal energy can be used in the far infrared and microwave regions and in the region of high energies of emitted coherent radiation, particularly when no strict demands are made on monochromaticity, e.g., in the construction of photon engines. Although tichnical realization will be difficult, owing to the necessity of working with very high temperatures, in principle it will be possible through present each nical meanif (plasma, chemical, and nuclear reaction in the gaseous phase), The most likely materials for the far infrared and microwave regions are atoms and molecules, which permit suitable transitions between components of the ground states. A calculation based on thermodynamic considerations and kinetic equations for a three-level system was made; and the dependence of the minimum temperature of the hot reservelr, which is necessary for inversion, on the parameters of the system

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and on the of convert Carnot eff taneous en	maximum intensity of exciting radiating thermal energy into stimulated referency and depends on the value of ission between different levels. On	the Einstein coefficients for anon
ASSOCIATIO SUEMITTED:	: Institute of Physics, Czechoal	Acad. Sci., Prague
NO REF SOV	ENCL: 00	SUB CODE: EC, TD
		ATD PRESS: 4023
Am card 2/2		

G/030/63/003/002/010/012 B163/B138 AUTHORS : Pastrňák, J., and Součková, L. Production of thin layers of the nitrides of aluminum, TITLE: gallium, and indium in a gas discharge PERIODICAL: Physica status solidi, v. 3, no. 2, 1963, K 71-K 74 TEXT: Chloride of aluminum, gallium or indium, respectively is evaporated from a boa; in a quartz tube with a N₂ gas flow. Evaporation and reaction temperatures, which give satisfactory results, are given in Table 1. Fig. 1 shows the experimental arrangement. The nitrides are formed by the reaction 2 AlCl₃ \rightarrow N₂ \rightarrow 2 AlN + 3 Cl₂ etc. This reaction is promoted by a d-c discharge in the reaction tube with a voltage of 1.5 kv and 10 ma discharge current. The quartz plate on to which the nitrides are deposited nust be carefully polished and degreased. According to the layer thickness required (1 μm to several tenths μm) the duration of the reaction is varied between 1 and 8 hours. If an additional activator substance is brought into the reaction tube, activated layers containing Card 1/3

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UBMITTE	D: Janu	ary 8, 1963			
able 1 itride	original. material	evaporation temperature of chloride ^o C	pressure in the reaction tube mm Hg	temperature in the reaction tube ^o C	
AIN	A1C13	100 - 110	3 - 5	950 - 980	
GaN	GaC13	60 - 70	3 - 5	650 - 680	
InN	InCl ₃	380 - 420	3 - 5	560 - 590	

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Chlamys (Aequipecten) Wisniowskii, a new species from Upper Cretaceous deposits. Nauk. zap. Nauk.-pryrod. muz. AN URSR 10:9-11 '62. (MIRA 16:8)

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PASTESNAK, N.D.

BEDREDARMAN BY BY BOUNDARD NOT STATE

Use of urease of Proteus vulgaris for the determination of urea. Lab.delo 6 no.6:56-57 N-D '60. (MIRA 13:11) (UREASE) (UREA) (PROTEUS VULGARIS)

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PASTERNAK, S.I.

Pavel Pavlovich Balabai (1904-1961); obituary. Nauk. zap. Nauk.-pryrod. muz. AN URSR 10:128-130 '62. (MIRA 16:8)

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PASTERNAK, S.I., kand. geol.-miner. nauk, otv. red.; ZDUN, V.I., doktor biol. nauk, red.; MALINOVSKIY, K.A. [Malynovs'kyi, K.A.], kand. biol. nauk, red.; CHERKASHCHENKO, M.I., red.; TISHCHENKO, M.N.[Tyshchenko, M.N.], red.; MATYASHEVSKAYA, T.I.[Matiashevs'ka, T.I.], red.izd-va; REKES, M.A., tekhn. red.

STEREOR STATISTICS IN LINES STATISTICS IN THE STATISTICS

[Ecology and taxonomy of plants of the Carpathian Mountains and adjacent regions] Ekologiia ta systematyka roslyn Karpat i prylehlykh teritorii. Kyiv, Vyd-vo AN URSR, 1963. 92 p. (MIRA 17:3)

1. Akademiya nauk URSR, Kiev. Naukovo-pryrodoznavchyi muzei, Lvov.



PASTERNAK, SI

AYZENIVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.; GOLYAK, L.M. [Holiak, L.M.]; GORAK, S.V. [Horak, S.V.]; DIDKOVSKIY, V.Ye. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O. [Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.]; KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ye. [Kraieve, IE.IA.]; KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO, D.Ye.; MOLYAVKO, G.I. [Moliavko, H.I.]; MULIKA, A.M.; PASTERNAK, S.I.; PERMYAKOV, V.V.; RONODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.; SOKOLOVSKIY, I.L.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.; SHUL'GA, P.L. [Shul'he, P.L.], doktor geol.-mineral.nauk; YAMNICHENKO, I.M. [IAmnychenko, I.M.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, otv.red.

[Atlas of paleogeographical maps of the Ukrainian and Moldevian S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleogeografichnykh kart Ukrains'koi i Moldavs'koi RSR z elementamy litofatsii. Masshtab 1:2,500,000. Sklaly D.IK. Aizenverg i dr. Za zahal'nym kerivnytstvom V.N.Bondarchuka. Kyiv, 1960. xvi p.. 78 col.maps. (NIRA 13:12)

1. Akademiya nauk USSR, Kiyev. Institut geologicheskikh nauk. 2. Institut geologicheskikh nauk AN USSR (for ell, except Bonderchuk, Pasternak, Slavin). 3. Instytut geologii korysnykh kopalyn AN URSR (for Pasternak). 4. Moskovskiy gosudarstvennyy universitet im. Lomonosova (for Slavin).

(Ukraine--Paleogeography--Maps) (Moldevia--Paleogeography--Maps)







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PASTOR, E.; ZOLTAN, L.; JUHASZ, J.

STATES STATES STATES

Surgical therapy in hernias of the intervertebral disk, Vop. neirokhir. 24 no.4:29-31 Je-Ag '60. (MIRA 13:12) (INTERVERTEBRAL DISK .-- SURGERY)
FASTRNAK, VITEZSLAV.

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Fevnost miru; reportate o rudovani Trinov. (1.Vyd.) Fraha, Frace, vydavatelstvo ROG, 1952.84p. (The fortress of jeace; reports on the building of Trinec.

SC: MONTHLY INDEX OF EAST BUILDING ACCESSIONS (BWAI) LC, VOL. 7, NO. 1, JAN. 1907

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PASTRNAK, V.

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"Two Hundred and Seventy-Two Smelting Processes Performed on One Crown of A Purnace", P. 5, (TECHNICKE NOVINY, Vol. 1, No. 17/18, Dec. 1953, Praha, Czechoslovakia)

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

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网络教学和存在学校行为

SHEVAKIN, Yu.F.; PASTERNAK, V.I.

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Distribution of stresses in the bearing assembly of an electric pipe welding machine. Izv. vys. ucheb. zav.; chern. met. 8 no.11:99-102 '65. (MTRA 18:11)

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PASTERNAK-WINIARSKI, Zdzislaw [Affiliation not given] "Arboreous Ash as a Rich Source of Minorals." Warsaw-Lublin, <u>Medycyna Woterynaryjna</u>, Vol 19, No 7, Jul 09, pp 383-384

Abstract: Insufficient minerals and vitamins in the diet of livestock is responsible for great economic losses. Commercial additives are expensive and not always available. The author describes and recommends the use of a home-made tree-ash brew as an inexpensive additive rich in mineral: and describes the simple method of its extraction, use and manner of administration, as well as the recommended desages. There are no references.

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PASTINSZKY, I.; KENDEI, I. Electrocardiographic changes associated with herpes zoster. Acta med. acad. sci. hung. 19 no.1:228-230 '63. 1. Hungarian Army Medical Corps. (HERPES ZOSTER) (ELECTROCARDIOGRAPHY) (HEART DISEASES)

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	2/037/63/000/001/004/008 E140/E135
AUTHORS :	Koranda, M., Pastrnak, J., and Rechziegel, E.
TITLE :	Photoelectric recorder as spectrograph accessory
FERIODICAL:	Československý časopis pro fysiku, no.1, 1963, 28-30.
recorder usi Row-Rathenaw	
ASSOCIA! TION:	Kovohutě, Čelákovice (Koranda, M.); Fysikální ústav ČSAV, Praha (Fhysics Institute ČSAV, Prague) (Pastrňák, J., and Rechziegel, E.)
SUBMITTED :	December 30, 1961
Card 1/1	



PASTRNYAK, 4Elx(g)/4E2d(b) 2 cys Distra I-KR (MS) ntieta 103-7(Pub. 1959).-Current-voltage curves are shown for CuO semiconductors, of different thicknesses, in contact with Au and Zn electrodes, resp., and the effects of low temp. are also shown. The differences in the curves are at-tributed to differences in diffusion of electrode material across the junctions. Si Del sterly? i Optichesh, Ye 3 iva y Polubro 1/1

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CAR INCOM GROSS, Ye.F.; PASTENYAK, I. Fine structure of the spectral photosensitivity curve of cuprous oxide crystals. Fis.tver.tela 1 no.1:162-166 Ja '59. (NIRA 12:4) 1. Leningradskiy fiziko-tekhnicheskiy institut. (Copper oxide crystals) (Photoelecticity)

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ARAART TELEVIS GHOSS, Ye.F.; PASTRNYAK, I. Fermation of pelarons in crystals during the absorption of light. Fiz. tver. tela 1 no. 3:518-521 Mr '59. (MIRA 12:5) 1. Leningradskiy fizike-tekhnicheskiy institut AN SSSR. (Excitens) (Crystal lattices)

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SOV/51-6-1-20/30

Pastrnysk, I. AUTHOR : The Infrared Abstrotion Spectrum of Cuprous Oxide (Spektr TITLE: infrakrasnogo poglosheheniya zakisi medi) PERIODICAL: Optika i Scantronkopiya, 1950, Vol C. Mr 1, pp 107-109 (USSR, The author obtained absorption curves on a GigO sample prepared by ABS TRACT : oxidation of suppor plates with subsequent annealing in an atmosphere of oxygen. Copper plates 30-1500 p thick were used. For the regions of strong absorption the sopper skide layer was reduced to a fraction of a mieros. Messarementa were also made on samples prepared from powdered 0:30 mixed with KBr and pressed into the form of plates. A spectrograph IEG-11 with NaO1, EC1 and KPr prisms was used; some curves were obtained by means of a double-team IKS-16 spectrograph. Measurements were made in the range 5-26 p. Absorption curves of GigO are shown in Fig 1: curve 1 was obtained on a sample which was 30 µ thick and curve 2 was obtained for powdered Cu20 whose equivalent thickness was i v. A table on p 10% gives the absorption maxima numbered 1 to 10 in Fig 1. Fig 2 gives the temperature dependence of absorption at the 8.9 u peak: curve 1 was obtained at 20°C and curve 2 at -110°C. The maxima at 15.1 and 16.4 p (Fig 1, curve 2) represent two optical branches Card 1/2

The Infrared Absorption Spectrum of Cuprous Oxide

SOV/51-6-1-20/30

of the vibrational scattran active in the infrared absorption region. The peaks at 11.5. 12.5. 30.5 and 23.3 μ are composite maxima. Independence of the 3.5 μ peak of the amount of impurities present in Grob and of the concentration of free holes in it suggests that it belongs to the vibrational spectrum of the crystal. The origin of the peaks at .4 3 and 13.5 i is not clear. The peak at 14.3 is probably due to lattice defects or, like the maximum at 19.3 μ , it belongs to vibrational tranches of the crystal which are not active in absorption. Acknowledgments are made to MaX. Gross, A.I. Stekhanov and P.P. Pavinskiy which are Creist. 1 English and 1 French.

SUEMITTED: June 18, 1950

Card 2/2

NAME YOUR

PASTRNYAK, I.; TITOV, R.A.

北方山田州地市三月526万月

Spectral distribution of the photoelectric sensitivity of Cu₂ 0 crystals at low temperatures. Fiz. tver. tela 3 no. 3:861-868 Mr '61. (MIRA 14:5)

1. Fiziko-tekhnicheskiy institut AN SSSR, Leningrad. (Copper oxide-Electric properties) (Photoelectricity)

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Light absorption and reflection and nature of optical electron transitions in Cu₂O crystals. Fiz. tver. tela 3 no. 3:869-875 Mr⁺61. (MIRA 14:5)

1. Fiziko-tekhnicheskiy institut AN SSSR, Leningrad. (Copper oxide crystals-Optical properties) (Copper oxide crystals-Electric properties)

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这个时间,我们不是有这些问题。

AUTHOR: Pastrnyak, I. V.

TITLE: Some photoelectric properties of metal-semiconductor contacts

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 30, abstract 8E221 (In collection: "Fotoelektr. i optich. yavleniya v poluprovodnikakh", Kiyev, AN USSR, 1959, 152 - 157)

TEXT: An investigation was made of the effect of the contact nature and of the electrode illumination on the photoconductivity of mono- and polycrystalline Cu_2O specimens. By means of a luminous probe it was found that the photosensitivity at the electrode is twice as high as in the middle of the specimen. Illumination at the electrodes causes an increase of the photocurrent, and the increase has a greater magnitude and another character than the usual internal photoeffect. In the case of illuminating an electrode that has rectifying properties (Ag, Zn), the photocurrent increase effect depends on the direction of the field and increases in the barrier direction. In the case of an ohmic contact (Au powder-deposited electrode) the effect does not depend on the polarity. It is

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A062/A101

Some photoelectric properties of	S/058/62/000/008/083/134 A062/A101
thought that in the increase mechanism of the electrode illumination the fundamental role i of carriers from the electrode into the semico photoemission from electrodes into vacuum .	is probably played by the injection
	0. Shustova
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	Pastrnyak, Y. (Pastri	nak, J.)			
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OURCE:	Acta physica polonica	, v. 25, 110. 1, 100.	, 51-56	rolumino-	
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and as a l data are	critically reviewed.	reflected light from	thin AIN layers, (2) diffu	onocrystals.	·
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ACCESSION NR: AP4017207 with respect to various activators; and the development of a good AIN manufacturing ASSOCIATION: Fyzikalni ustav Ceskoslovenske akademie ved, Prague (Institute of SUBMITTEL): 02Jul63 DATE ACQ: 18Mar64 SUB CODE: PH, MA ENCL: 00 NO REF SOV: 003 OTHER: 017 Ľ 2/2 Cord

PASTROVIC, A.

Technical assistance of the European Organization for Productivity in 1961. Produktivnost 3 no.3:243-244 Mr '61.

PASTROVIC, Aleksandar

Labor productivity in Asia. Produktivnost 3 no.7/8:520 Ag '61.

1. Jugoslovenski zavod za produktivnost rada, Beograd.

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PASTROVIC, Aleksandar

Meeting of the Administrative Committee of the European Commission for Labor Productivity. Produktivnost 3 no.9:595-598 S '61.

1. Jugoslovenski zavod za produktivnost, Beograd.

PASTROVIC, A.

Labor productivity in Latin America; the creation of an Inter-American Institute for Labor Productivity. Produktivnost 3 no.6:445 Je '61.

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