

CA

2

Importance of I. P. Borodin's work for the development of
plant biochemistry. I. S. Pashina. *Russkaya* 16, 374
(1951). - Biography with portrait and a list of the pub-
lished works of the Russian physiol. botanist Ivan Parlen-
evich Borodin (1847-1930) H. Priestley

PASKHINA, T.S.

Studies on substances causing formation of exudates and migration of leukocytes in foci of inflammation; other than protein fractions in inflammatory exudates. Doklady Akad. nauk SSSR 86 no. 3:609-612 21 Sept 1952. (GML 23:3)

1. Presented by Academician N. N. Anichkov 19 May 1952. 2. Institute of Biological and Medical Chemistry and Institute of Surgery imeni A. V. Vishnevskiy, Academy of Medical Sciences USSR.

PASKHINA, T.S.

Content of adenylic and adenosintriphosphoric acids in inflammatory exudates. Doklady Akad. nauk SSSR 87 no.2:253-256 11 Nov 1952.
(CJML 23:5)

1. Presented by Academician A. I. Oparin 15 September 1952.

PASKHINA, T. S.

✓ Action of protein fractions of inflammation exudates on permeability of skin capillaries. T. S. Paskhina. *Doklady Akad. Nauk S.S.S.R.* 91, 605-8 (1955); cf. *C.A.* 47, 2003a. — The increased permeability of skin capillaries produced by application of inflammation-caused exudates to the skin of a rabbit is caused by the action of α - or β -globulin fractions and not by polypeptides, adenylic compds. or other low-mol. substances (Duthie, *et al.*, *C.A.* 34, 810; Al'pern and Lipshits, *C.A.* 46, 2169c). In the present work pleural exudates from dogs and rabbits as well as postoperative human exudates were employed. These were compared in action with highly active human globulin fractions of similar exudates by the previously described methods (cf. above). When the exudates were fractionated under conditions which prevented denaturation, the activity of the total protein was identical with the activity of the total exudate. Denaturation led to rapid decline of activity. Salting-out procedures applied to the protein fractions showed clearly, after further electrophoretic examn., that the active fractions were located in the zone between α - and β -globulins. Proteolytic enzymes in very dil. solns. increase capillary permeability in rabbits, the action being similar to that of the globulins, but at higher concns. necrotic events take place. The active globulins even at 1.5% concn. do not possess necrotizing properties on the skin. Serum and plasma of normal human and dog blood intensively increase the permeability of rabbit skin capillaries and the action is directly connected with the globulin fractions. Tests with homo- and heterologous serums, exudates, and globulins, showed that introduction on an animal skin not only of exudates, but also serums of foreign origin always increased capillary permeability. The sensitivity, however, varied; rabbits were most sensitive, dogs the least. Whole exudate from the same species (or whole serum) had no such effect.

(I. M. Kosolapov)

①

Acromed

Chem Abs V45

1-25-54

Pathology

*Instit. Biol + Med Chem,
and Instit. Surgery, AMS
USSR*

~~PASTCHNYK, A. A.~~
PASKHINA, T. S.

U S S R .

The determination of amino acids in chromatograms with the aid of the ninhydrin reaction. T. S. Paskhina (Inst. Biol. and Med. Chem., Acad. Med. Sci. U.S.S.R., Moscow). *Biokhimiya* 19, 702-12 (1954).—The ninhydrin reaction was applied in conjunction with the Troll and Cannan reagents (C.A. 47, 7948g). This necessitated the introduction of modifications into the steps used in chromatography heretofore, when only qual. results were sought. The procedures developed enabled the estn. of 95% of the amino acids in one-dimensional and 90-93% in two-dimensional chromatograms. It is claimed that by the new method sufficiently accurate amino acid detns. can be made on spots from 0.05 micro-mole (0.7 γ N) and up. Proline and hydroxyproline are more easily detd. with the aid of the isatin reaction. In the application of the new method of chromatographic amino acids detn. it is essential that the filter paper is free from cationic metals and that the procedural steps be standardized with a high degree of precision.

B. S. Levine

PASKHINA, T.S.

Progress in partition paper chromatography for amino acids and peptides. Trudy Kom.anal.khim. 6:389-417 '55. (MLRA 9:5)

1. Institut biologicheskoy i meditsinskoy khimii Akademii meditsinskikh nauk SSSR.
(Chromatographic analysis) (Amino acids) (Peptides)

PASKHINA, T. S.

✓ Homologous serum proteins and their role in the phenomena of increased capillary permeability in inflammation. T. S. Paskhina (Acad. Med. Sci., Moscow). *Clin. Chim. Acta* 1, 24-34 (1956).—Rabbit serum exudate was fractionated by addn. of $(NH_4)_2SO_4$ to 0-10% (I), 40-50% (II), 50-70% (III), and 0-70% (IV) satn. The percentage compn. of proteins of each fraction was detd. photometrically after electrophoretic sepn. The effect of globulins on capillary permeability was studied by injecting them intracutaneously in saline soln. after an intravenous injection of trypan blue. The activity of the fractions was compared with a standard globulin prepn. which would produce a blue stain of 7-10 mm. diam. on the skin in 10 min. Fractions I and II were capable of raising the permeability of rabbit skin capillaries, fraction I being more effective. Fractionation of serum within the limits of 0-24%, 24-35%, 35-40%, 40-50% $(NH_4)_2SO_4$ satn. showed that the active proteins are found mainly in the β_2 -globulin fraction. Aseptic inflammation of rabbit skin by subcutaneous injection of turpentine or scalding produced an increase of specific and total active proteins in fractions I and II, but failed to induce an increase in capillary permeability and retarded an increase of the latter by histamine, owing to an inhibitory effect of albumin. The effect of active globulins in intact rabbit blood serum was also inhibited by the albumin.

David P. Johnson

PASKHINA, T.S.

3497. Properties of litmoedlin. T. S. Paskhina *Biochimica*, 1958, 21, 442-450 (Int. New Antibiotics, *Sov. med. Sci.*, Moscow, U.S.S.R.) — Litmoedlin, the antibiotic from *Protactinomyces cyanus* *antibioticus*, has a mol wt of 398-418 and an empirical formula of $C_{11}H_{14}O_6$. It gives no carbohydrates on acid hydrolysis, and no phloroglucinol on potash fusion, but like other antibiotics, it has a 3-banded absorption spectrum. (Russian) — T. S. Paskhina

PASKHINA, T.S.

Effect of proteins from rabbit skin on cutaneous capillary permeability [with summary in English]. Vop.med.khim. 3 no.5:367-379
S-0 '57. (MIRA 10:12)

1. Institut biologicheskoy i meditsinskoy khimii AN SSSR, Moskva.
(SKIN, physiology,
eff. of proteins from skin in normal cond. & in burns
in rabbits on cutaneous capillary permeability (Rus))
(PROTEINS, effects,
capillary permeability in skin after admin. of proteins
isolated from skin in normal cond. & in burns in rabbits
(Rus))
(CAPILLARY PERMEABILITY, effect of drugs on,
proteins isolated from skin in normal cond. & in burns
in rabbit, cutaneous permeability (Rus))
(BURNS, experimental,
eff. of proteins isolated from skin in normal cond. &
in burns on cutaneous capillary permeability (Rus))

PASK

EXCERPTA MEDICA Sec.2 Vol.10/11 Phy.Biochem. Nov 57
Paskhina, T.S.

4692. PASKHINA T.S. Lab. of Nitrogen Metabol., Inst. of Biol. and Med. Chem., Acad. of Med. Scis, Moscow. *Homologous serum proteins and their role in phenomena of increased capillary permeability in inflammation CLIN.CHIM. ACTA 1956, 1/1 (24-34) Graphs 3 Tables 5

Rabbit serum or exudate was fractionated with saturated ammonium sulphate and selected fractions from the saturation zones 0 to 40% (I), 40 to 50% (II), and 50-70% (III) were tested for their influence on capillary permeability. The fraction I and fraction II were found to be the most effective in raising the permeability of rabbit skin capillaries, the fraction I being the most potent. The active protein fraction was relatively heat-stable. Increase of β - and particularly α -globulin with decrease of albumin occurred as early as 24 hr. after s. c. injection of turpentine. By the 4th day the β -globulin content was increased 1.5 times and the α -globulin content doubled. Total blood protein changed only slightly. Comparative effects on the permeability of the skin capillaries for protein fractions from a normal rabbit and the same rabbit at various time intervals after the induction of inflammation were also studied. The specific activity of fractions I and II was doubled during the 4th to 6th days of inflammation. These fractions contained a much greater quantity of β - and α -globulin than that of normal blood. At the height of inflammation the yield of fraction I generally increased 1.5 or 2-fold. The yield of fraction II increased insignificantly and irregularly. Similar changes in α - and β -globulin fractions following scalding were also obtained. Non-fractionated blood serum, either intact or diluted up to 300 times, taken during various phases of the inflammatory process provoked no increase in capillary permeability. Rabbit serum albumin was found to inhibit the permeability effects of the various homologous blood protein fractions as well as foreign (human) globulins and histamine. Human serum albumin exhibited a similar inhibitory effect. Weimar - New York, N. Y.

BRZHNIKOVA, T. S.

Med ✓ The properties of the substance T. S. Brzhnikova (1978) are described in the article "New Antibiotics, *Arkh. Mik. Sci. USSR*, Moscow, *Biokhimiya* 21, 444-44 (1978). Anthocyanin (I) was obtained from *Triclinumyces cyanea* var. *antibioticus* (Gautz, C.A. 42, 8378c) and its active principle isolated (Brzhnikova, C.A. 42, 8378c). It was found to possess many reactions in common with anthocyanidin. It is not a glucoside. It has a mol. wt. of 898-918. The calculated empirical formula should be $C_{21}H_{14}O_7$. It has max. absorption at 570-580, 630-640, and 480-490 m μ and has 9 active H atoms. It formed no salts with any of the mineral acids and no phloroglucinol was observed after hydrolysis. Because of these properties it is regarded as a substance other than anthocyanidin, but the closeness of the absorption spectra of the 2 substances points to their similarity. H. S. L.

PASKHINATS

The properties of limocidin. T. S. Paskhina, Biochemistry (U.S.S.R.) 21, 453-6 (1958) (English translation).
-See C.A. 51, 2095c. D.M.R.

Paskina, T.S.

5731. Homologous serum proteins and their role in phenomena of increased capillary permeability in inflammation. T. S. Paskina. *Clin. chim. Acta*, 1958, 1, 24-34 (Lab. of Nitrogen Metabolism, Inst. of Biol. and Med. Chem., Acad. of Med. Sci., Moscow, U.S.S.R.)—Normal rabbit serum contains a protein group similar in electrophoretic mobility to β_2 -globulins, which is capable of increasing the permeability of skin capillaries in the rabbit. Local

aseptic inflammation (turpentine abscess or scald) raises the active protein content of the serum. The experimental evidence is not sufficient to decide whether in inflammation a qualitatively new protein appears in the serum or whether the concentration of an active globulin already present in normal serum increases. Albumin counteracts the effects of active proteins on capillary permeability. V. M. WOOTTON.

PASKHINA, T.S. (Moskva)

Biosynthesis and coenzymatic function of the nucleotides
uridine, cytidine, guanosine, and inosine. Usp.biol.khim.
3:227-242 '58. (MIRA 12:6)

(NUCLEOTIDES)

PASKHINA, T.S.

Biological activity and metabolism of 5-hydroxytryptamine (serotonin).
Vop.med.khim. 6 no.5:447-458 S-O '60. (MIRA 14:1)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(INDOLQL)

AZARKH, R.M.; BRAUNSHTEYN, A.Ye.; PASKHINA, T.S.; SYUY TIN-SEN'

Effect of optical isomers of cycloserine on the activity of certain aminopherases. Biokhimiia 25 no.5:954-963 9-0 '60. (MIRA 14:1)

1. Laboratory of Nitrogenous Metabolism, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(TRANSAMINASES)

(ISOKAZOLIDIONE)

(ISOMERS)

PASKHINA, T. S.

"Chemical Nature of Gramicidin S"

Acad Med Sci, Moscow

Biokhimiya, Vol 10, 1945

PASKHINA, T. S. -

PASKHINA, T. S. and V. N. Ufimtsev, "On the bimolecular Association of
B-Naphthylamine,"

Doklady Akad. Nauk, Vol 55, No. 5, 1947

Institute Malaria and Medical Parasitology, Acad. Med. Sci, -1946-

PASHINA, T.S.

Effect of cycloserine isomers on the activity of
D-alanine-D-glutamate-transaminase in *Bacillus subtilis*.
Vop. med. khim. 10 no.5:526-533 S-O '64.

(MIRA 18:11)

1. Institut biologicheskoy i meditsinskoj khimii AMN SSSR,
Moskva.

PASKHINA, T.S.

Quantitative determination of amino acids with the help of paper
chromatography. Sov. med. v biokhim. 1:162-180 '64.

(MIA 18 5)

AZARKH, R.M.; PASKHINA, T.S.

Effect of cycloserine on the activity of L-alanine dehydrogenase
and asparaginase. Dokl. AN SSSR 146 no.3:704-706 S '62. (MIRA 15:10)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.
Predstavleno akademikom A. I. Oparinym.
(ISOXANTHINONE) (ALANINE DEHYDROGENASE) (ASPARAGINASE)

PASKHINA, T.S. Moskva)

Biochemical factors in inflammation. Pat. fiziol. i eksp. terap.
4 no. 313-13 My-Je Soc. (MIRA 13:7)
(INFLAMMATION)

PASKHINA, T. S. Doc Biol Sci -- "Role of factors of ^{1.} proteinic nature in variations of capillary permeability in inflammation. (Experimental studies)." Mos, 1961 (Acad Med Sci USSR). (KL, 4-61, 191)

PASKHIS, Z.

For the qualitative classification of types of repair. No 7.

Tankist, No 12, 1948.

PASKIN, A. A. and ZAKHAROV, V. K.

Lotsiia morskogo puti. [Sailing directions for sea navigation]. (Moskva) Morskoi transport, (1951). 288 p.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

PASKIN, Aleksandr Aleksandrovich; ZAKHAROV, Vladimir Kuz'mich; IVANOV, K.A.,
redaktor; MUDRAK, M.P., redaktor; VOLKOVA, Ye., tekhnicheskii redaktor

[Sailing directions for ocean navigation] Lotsia morskogo puti. Isd.
2-oe, ispr. i dop. Moskva, Izd-vo "Morskoi transport," 1955. 223 p.
(Navigation) (MLRA 9:1)

PASKIN, ALEKSANDR ALEKSANDROVICH

475
756.01
.P2
1955

Lotsiya Morskogo Puti (Piloting the Nautical Course, By) A. A. Paskin (1) V. k. ZAKHAROV.
Izd. 2., Isprav I Dop. Moskva, Izd-vo "Morskoy Transport" 1955.
223 P. Illus., Diagr., Tables.
Literatura: P. (218)

FRIDSHTEIN, V. and FASKIN, B.

Opyt ekspluatatsii avotpoezdov. [Experience in exploitation of auto-trains]. (Avotomobil' 1941, no. 1, p. 11-13). DLC: TL4.A87

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

NAUMOV, Vladimir Alekseyevich; PASKIN, I., red.; POPOVA, M., tekhn. red.

[How our collective farm produces high sugar beet yields] Kak
nash kolkhoz vyrashchivaet vysokie urozhai sakharnoi svekly.
Saransk, Mordovskoe knizhnoe izd-vo, 1960. 23 p. (MIRA 14:12)

1. Predsedatel' kolkhoza "Zavety Il'icha-Romodanovskogo rayona (for
Naumov).

(Romodanovo District--Sugar beets)

MALYGIN, Fedor Yakovlevich, zasluzhennyy agronom Mordovskoy ASSR;
PASKIN, I., red.; CHIZHIKOVA, V., tekhn.red.

[Campaign to increase the production of grain is the main
trend in Mordvinian agriculture] Bor'ba za uvelichenie
proizvodstva zerna - glavnaia liniia v zemledelii Mordovii.
Saransk, Mordovskoe knizhnoe izd-vo, 1960. 47 p.

(MIRA 14:3)

(Mordovia--Grain)

GOLOVIN, G.M., zasluzhennyy agronom RSFSR, red.; KISELEV, I.Ya., red.;
SKLEBZHEV, V.I., red.; PASKIN, I., red.; POPOVA, M., tekhn.red.

[Advanced practices of growing corn in Mordovia] Peredovoi
opyt vozdeleyvaniya kukuruzy v Mordovii; sbornik statei. Saransk,
Mordovskoe knizhnoe izd-vo, 1960. 134 p.

(MIRA 14:3)

1. Direktor Mordovskoy sel'skokhozyaystvennoy opytnoy stantsii
(for Golovin).

(Mordovia--Corn (Maize))

FASKIN, N. M., Candidate of Historical Sciences; SHAFRANOVSKIY, I. I. (ШАФРАНОВСКИЙ),
Doctor of Geologico-mineralogical Sciences

Authors of article, "Documentary Heritage of Ye. S. Fedorov," Vestnik Akademii
Nauk SSSR, No 1, Jan 56, pp71-77.

PASKIN, P.P.

A mechanical switch for telphers to be operated in case of sidelong
pulls on the wire rope. Stan.1 instr. 26 no.12:30-31 D '55.
(Wire-rope transportation) (MLRA 9:2)

KURYLOVICH, V. [Kurylowicz, W].; KUZNETSOV, A.; PASKIYE, I.F.; SITEK, K.

Comparative studies on lyophilized BCG vaccines prepared from BCG strains of various origins. Zhur. mikrobiol. epid. i immn. 29 no.10: 107-116 0 '58. (MIRA 11:12)

1. Iz Gosudarstvennogo instituta gigiyeny v Varshave i eksperimental'nogo otдела Mezhdunarodnogo tsentra pomoshchi detyam v Parizhe.
(BCG VACCINES
lymphilized vaccines from various strains, comparison (Rus))

PAS'KO, A.

How our business accounting group of construction specialists works.
Sil'. bud. 13 no.2:8-9 F '63. (MIRA 16:2)

1. Glavnyy inzh.-stroitel' Mirgorodskogo proizvodstvennogo upravleniya
Poltavskoy oblasti.

RABINOVICH, M.S., kand.tekhn.nauk; ZLODEYEV, A.V., inzh.; PAS'KO, A.Ye.

Mechanization and automation of haulage and coal car change in
the mine surface building of the Lenin Mine No.5. Ugol' Ukr.
5 no.12:9-11 D '61. (MIRA 14:12)

1. Donetskiiy filial instituta Giprougleavtizatsiya (for Rabinovich, Zlodeyev). 2. Glavnyy mekhanik shakhty no.5 imeni Lenina tresta Gorlovskugol' (for Pas'ko).
(Donets Basin-Mine haulage)
(Automatic control)

KARANDEYEV, K.B.; DAYEV, D.S.; PAS'KO, E.V.; SHTAMBERGER, G.A.

Design principles of apparatus for geophysical prospecting
by alternating current methods. Izv. AN SSSR, Ser. geofiz.
no.2:254-259 F '64. (MIRA 17:3)

1. Institut avtomatiki i elektrometrii Sibirskogo otdeleniya
AN SSSR.

GEL'FAND, I.I., MAD'RO, E.V.; SHITAMBERGER, G.A.

Ground variation of apparatus for induction prospecting.
Geofiz. prib. no.19:8-13 '64. (MIRA 18:9)

KOTYUK, A.F.; LEVCHENKO, D.G.; PAS'KO, E.V.; SHTAMBERGER, G.A.;
KARANDEYEV, K.B., *otv. red.*; VYALYKH, A.M., *tekh. red.*

[Apparatus for aerial electric prospecting using the
infinitely long cable method]Apparatura dlia aereo-
razvedki metodom beskonечно dlinnogo kabelia. *Otv. red.*
K.B.Karandeev. Novosibirsk, Izd-vo Sibirskogo ot-niia AN
SSSR, 1962. 78 p. (MIRA 15:9)

1. *Chlen-korrespondent Akademii nauk SSSR (for Karandeyev).*
(Electric prospecting—Equipment and supplies)
(Aeronautics in geology)

PAS'KO, I.

Deserved victory. Okhr. truda i sots. strakh. 3 no. 12:51-52
D '60. (MIRA 13:12)

1. Glavnyy tekhnicheskii inspektor Kurskogo oblsovprofa.
(Kursk Province--Electric industries--Hygienic aspects)

PAS'EC, I. P.

Sugar - Manufacture and Refining

Contest for excellence in performance at the Kursk sugar beet trust. Sakh. prom. 26
no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952 unclassified.

PAS'KO, I.P.

Socialist Competition

Contest for excellence in performance at the Kursk sugar beet trust. Sakh. prom., 26, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952 UNCLASSIFIED.

PAS'KO. I. P.

USSR (600)

Machinery - Maintenance and Repair

Best brigade of outstanding quality, Sakh. prom., 26, No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1951, Uncl.

2

PAS'KO, I.P.

Make wider use of tractor-mounted shovels. Sakh.prom. 28 no.4:
24-26 '54. (MLRA 7:7)

1. Kurskiy sakhsevklotrest.
(Sugar industry--Equipment and supplies) (Shovels)

PAS'KO, I.P.

Efficiency promoter of the L'gov Sugar Plant. Sakh. prom. 31 no.2:
44-45 P '57. (MLRA 10:4)

1. *Kurskiy obkom profesyuza rabochikh pishchevoy promyshlennosti.*
(L'gov—Sugar industry)

PAS'KO, L. (Kursk)

From words to deeds. Okh. truda i sots. strakh. no.6:73
Je '59. (MIRA 12:10)

(Kursk--leather industry)

PASKO, M.

Calculating the heating of industrial buildings by suspended radiant panels. p. 12.

ZDRAVOTNI TECHNIKA A VZDUCHOTECHNIKA. (Ceskoslovenska akademie ved. Ceskoslovenska vedecka technicka spolecnost pro zdravotni techniku a vzduchotechniku)
Praha, Czechoslovakia
Vol. 1, no. 1, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7
July 1959
Uncl.

PASKO, Mikulas

Some comments on the French radiant heat panel belt. Zdravot tech
6 no.2:67-71 '63.

1. Potravinoprojekt, pobočka Bratislava.

PASKO, Mikulas

Single pipe vertical heating systems. Zdravot tech 7 no.4:152-161
' 64

1. Potravinoprojekt, Bratislava.

PAS'KO, H.

New methods in constructing coke hoppers. Stroitel' 2 no.7:7 J1 '56.
(Precast concrete construction) (MIRA 10:1)

LYUKKIVICH, A.V., inshener; ~~PAS'KO, M.A.~~ inshener; BARKER, M.N.,
inshener.

Introducing the use of large panel interior wall slabs. Sbor.
mat. o nov.tekh. v stroi. 17 no.1:17-19 '55. (MIRA 8:2)
(Walls)

PAS'KO, N.A.

Krivoy Rog Basin geologists and prospectors are in the forefront of the builders of communism. Razved. i okh. nedr 29 no.7:59-61 J1 '63. (MIRA 16:9)

1. Ukrainskiy respublikanskiy komitet profsoyusa rabochikh geologorazvedochnykh robot.
(Krivoy Rog Basin--Prospecting)
(Trade unions)

PAS'KO, N.I.

Plotting series of standard sizes by means of mathematical solutions.
Standartizatsiia 29 no.3:22-26 Mr '65. (MIRA 18:5)

PAS'KO, N.I., aspirant

Game-theory approach to a problem in the design of
machine tools. Izv. vys. ucheb. zav.; mashinostr. no.9:
143-149 '65. (MIRA 18:11)

SULIMOVSKAYA, N.A.; KONAKOVA, N.M.; PAS'KO, N.P. (Khar'kov)

Diuretic effect of cortin in the treatment of cardiac insufficiency.
Vrach,delo no.9:975-976 S '59. (MIRA 13:2)

1. Kafedra terapii I (zaveduyushchiy - doktor med.nauk N.A. Sulimovskaya) Ukrainskogo instituta usovershenstvovaniya vrachey i Vtoraya klinicheskaya bol'nitsa.
(HEART--FAILURE) (CORTIN)

ALBANIA/Farm Animals.-Small Horned Stock

Q-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26156

Author : Paoko S.

Inst : Not Given

Title : The Utilization of Purebred Sheep for the Improvement of
the Local Breed (Ispol'zovaniye porodistykh ovets dlya
uluchsheniya nostnoy porody)

Orig Pub : Bujqasino socialiste, 1957, 11, No 4, 24-25

Abstract : No abstract

Card : 1/1

Country : USSR
Category : Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi R
Abs. Jour. : Ref Zhur-Biol, No 23, 1958, No 105828
Author : Pas'ko, S. G.
Institut. : Stavropol Agricultural Institute
Title : Pathologico-Morphological Changes in Tissues of Active Mesenchyma of Sheep in Paratyphoid (Author's Report)
Orig Pub. : Tr. Stavropol'sk. s.-kh. in-ta, 1956, vyp. 7, 329-342
Abstract : The lymphatic nodes, liver, spleen and adrenals of 13 sheep were studied. An acute active hyperemia, inflammatory catarrh of sinuses with formation of paratyphoid granulomas, and necrosis of reticular tissue were found in the lymphatic nodes. Septic embolias were not infrequently observed in the center of necroses. Mild septic hyperplasia and subcapsular hemorrhage or subacute serous inflammation with or without formation of granulomas were noted in

Card: 1/3

Country : USSR R
Category : Diseases of Farm Animals. Diseases Caused by
Bacteria and Fungi
Abs. Jour. : Ref Zhur-Biol, No 23, 1958, No 105828
Author :
Institut. :
Title :
Orig Pub. :
Abstract : tissue areas were encountered less frequently.
Cont'd -- Ye. V. Ryzhkov

Card: 3/3

PAS'KO, S. G.

USSR/General Biology. Individual Development.
Regeneration.

B-6

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71612

Author : Pas'ko, S. G.

Inst : -

Title : The Problem of Regeneration of Nerve Cells of
the Brain.

Orig Pub : V sb.: Probl. korf. nervn. sistemy. L.,
Medgiz, 1956, 27-30

Abstract : The cortical and subcortical nerve cell centers of the brain were studied in sheep with paratyphoid and in normal animals. It was established that at various stages of the development of the disease, as well as under normal conditions, progressive-regenerative

Card : 1/3

USSR/General Biology. Individual Development.
Regeneration.

B-4

Abs Jour : Ref Zhur-Biol., No 16, 1953, 71612

processes are observed along with regressive changes. Division of the nerve cells occurs by means of amitosis and endomitosis. The amitosis division of the nerve cell begins with the division of the nucleolus into two (equal or unequal) or more parts. After the nucleoli have broken up and occupy an eccentric position, the nucleus and the cytoplasm are divided. Depending on the division of the nucleolus, the nerve cells divide into two equal or unequal cells or into several cells. Division by endomitosis is accomplished by means of granular decomposition of the nucleolus and nucleus and formation of new nucleoli and nuclei in the limits of the nuclear mem-

Card : 2/3

PAS'KO, S.G.; ABRIKOSOV, A.I., akademik.

Fission of nerve cells in the horse brain. Dokl. AN SSSR 91 no.5:1211-1212
Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Abrikosov). 2. Stavropol'skiy sel'skokhoz-
yaystvennyy institut (for Pas'ko). (Nerves)

ZHILA, G.V., kand.khim.nauk; PAS'KO, S.P., inzh.; KOTOV, M.P., prof.

Tanning goatskins with tanning extracts manufactured with the use of naphthalene sulphonic acid as reducer. Report No.1. Izv. vys.ucheb.zav.; tekhn.prom. no.3:96-103 '60. (MIRA 13:8)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii kozhi.
(Tanning)

VAL'KOVSKIY, N.K.; CHIZHOV, P.Ye.; PASKONOV, N.I.

Pneumatic feeding of bulk materials to working areas using screw conveyers. Suggested by N.K.Val'kovskii, P.E.Chizhov, N.I.Paskonov. Rats.1 izobr.predl.v stroi. no.11:40-42 '59. (MIRA 13:3)

1. Po materialam stroitel'nogo tresta No.25 Kuybyshevskogo sovnarkhoza.
(Conveying machinery) (Building materials--Transportation)
(Pneumatic tube transportation)

PASKONOV, V.M.

Standard program for solving boundary layer problems. Labor.
rab. VTS MGU 2:110.116 '63. (MIRA 17:7)

ACCESSION NR: AT4006711

S/3043/63/000/002/0117/0122

AUTHOR: Paskonov, V. M.; Soprunenko, I. P.

TITLE: Boundary layer along a slightly rippled wall

SOURCE: Moscow. Universitet. Vyshislitel'nyy tsentr. Sbornik rabot, no. 2, 1963. Chislennyye metody v gazovoy dinamike, 117-122

TOPIC TAGS: rippled surface boundary layer, boundary layer separation, boundary layer, boundary layer flow, flow surface structure, pressure fluctuation, laminar boundary layer, boundary layer equation, flow problem solution programming, incompressible gas flow, flow along rippled surface

ABSTRACT: The method of differences was employed to determine the values of the wave amplitude a_* at which separation of the boundary layer occurs for the first and second waves. All calculations were carried out by means of a standard computer program for solving boundary layer problems. Reference is made to a criterion for separation of a laminar boundary layer, as given by G. M. Bam-Zel'kovich (Raschet otryva pogrannichnogo sloya. Izv. AN SSSR, otd. tekhn. nauk, No. 12, 1954). Calculation variants for this study included amplitude values of 0.01, 0.008, 0.0065, 0.005, 0.003, 0.002 and 0.001. The results obtained show that separation occurs within the range of $0.006 < a_* < 0.0065$ for the first wave and

Card

1/2

ACCESSION NR: AT4006711

$0.002 < a < 0.003$ for the second wave. The point of separation (X sep.) for amplitudes of 0.01, 0.008, 0.0065, 0.006 and 0.003, respectively, was 0.4775, 0.5125, 0.6925, 1.45 and 1.54, the first 3 values pertaining to the first wave and the last 2 to the second wave. Orig. art. has: 3 graphs, 6 formulas and 1 table.

ASSOCIATION: Vychislitel'nyy tsentr MGU (Computer center, Moscow State University)

SUBMITTED: 00

DATE ACQ: 16Dec63

ENCL: 00

SUB CODE: AI, PH

NO REF SOV: 004

OTHER: 000

Card

2/2

PAKONOV, V.S.; LOM HUBOV, Y.G.

Nonstationary heating of a viscous material near the critical point. Izv. Akad. Nauk SSSR, 4-13, 1963.

PASKONOV, V.M.; CHUDOV, L.A. (Moscow)

"The finite difference method of solving boundary layer problems"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

L 38449-66 EWP(m)/EWT(1)/T-2 IJP(c) WW

ACC NR: AP6020719

SOURCE CODE: UR/0421/66/000/003/0012/0019

AUTHOR: Paskonov, V. M. (Moscow); Yakubenko, A. Ye. (Moscow)

45
B

ORG: none

TITLE: Calculation of the boundary-layer flow on an electrically conductive wall of a flat channel

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 3, 1966, 12-19

TOPIC TAGS: surface boundary layer, boundary layer flow, boundary layer heat transfer, boundary layer separation, subsonic flow, supersonic flow

ABSTRACT: Magnetohydrodynamic boundary-layer-flow equations, based on the numerical calculation methods used for the boundary layer of a nonconducting fluid, are analyzed by separating the problems of a flow inside the flow center and of a flow within the boundary layer. The problem of finding the characteristics inside a flowing gas center is reduced to the solution of a differential equation with the boundary conditions for subsonic- and supersonic-flow speeds. For both, the numerical evaluations of flow characteristics were used for solving the equations of the boundary layer. It was found that with an $M = 3$ inflow, and values of the dimensionless flow parameters K greater than 0.5, the generator begins to act as an accelerator at a specific section; the greater the K , the nearer this section is to the inflow section. For the flow rating in the boundary layer, a system of differential equations with partial

Card 1/2

L 00361-66 EWT(1)/EWP(m)/FGS(x)/EWA(1) WW

ACCESSION NR: AT5013287

UR/3043/85/000/004/0130/0138

AUTHOR: Paskonov, V. M.; Rabin'kina, N. V.

TITLE: The solution to unsteady boundary layer equations by the method of differences

SOURCE: Moscow. Universitet. Vychislitel'nyy tsentr. Sbornik rabot, no. 4, 1985.
Chislennyye metody v gazovoy dinamike (Numerical methods in gas dynamics), 130-138

TOPIC TAGS: boundary layer theory, boundary layer problem, heat transfer, compressible gas

ABSTRACT: The present paper discusses a difference method for the numerical integration of the system of equations of the unsteady boundary layer and, as an example, presents the solution to equations of the unsteady boundary layer within a compressible gas adjacent to a plate the temperature of which varies with time. Results of the same problem are also given based on calculations of the quasi-steady state theory (numerical integration of the respective steady state equations for different wall temperatures and constant temperature of the outer flow) followed by an explanation of the influence of the unsteadiness factor on the heat flow into the wall. Results show that the heat flow in the unsteady case does not differ from the steady state in magnitude alone, but may also,

Card 1/2

L 00361-66

ACCESSION NR: AT5013287

under circumstances, differ in sign. Consequently, the use of quasi-steady state approaches may lead to completely erroneous results. Orig. art. has: 22 formulas, 2 figures, and 1 table.

ASSOCIATION: Vychislitel'nyy tsentr, Moskovskiy universitet (Computer Center, Moscow University)

SUBMITTED: 00

ENCL: 00

SUB CODE: ME; MA

NO REF SOV: 002

OTHER: 004

de
Card 2/2

VITT, S.V.; ZHARIKOVA, N.A.; PASKONOVA, Ye.A.; BONDAREV, V.B.

Alkylation of toluene by alkyl halides and the ratio of the
formed isomers. Izv. AN SSSR Ser. khim. no.11:2099-2101 N 164
(MIRA 18:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR i Insti-
tut biokhimii i fiziologii mikroorganizmov AN SSSR.

VITT, S.V.; PASKONOV, Ye.A.; ZHARUKIN, I.A.; BILIN, V.M.

Determination of the structure of isomers by gas chromatography and retention parameters. Dokl. AN SSSR 1964 No. 3: 524-525.

1. Institut elementoorganicheskikh yedineniy AN SSSR. Submitted July 2, 1964.

KISELEV, A.V.; PASKONOVA, Ye.A.; PETROVA, R.S.; SHCHERBAKOVA, K.D.

Study of the adsorption properties of carbon blacks by means
of gas chromatography. Zhur. fiz. khim. 38 no.1:161-167
Ja'64. (MIRA 17:2)

1. Khimicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
imeni Lomonosova.

VITT, S.V.; ZHARIKOVA, N.A.; PASKONOVA, Ye.A.; BONDAREV, V.B.

Separation of isomeric alkyl benzenes by gas chromatography.
Zhur. anal. khim. 20 no.8:850-855 '65. (MIRA 18:10)

1. Institut elementoorganicheskikh soyedineniy AN SSSR;
Institut biokhimi i fiziologii mikroorganizmov AN SSSR, Moskva.

PASKOV, D., DOBREV, H., NIKIFOROV, N.

Antagonistic effect of nivalin (galanthamine) versus morphine upon the respiratory center. Nauch. tr. Vissr. med. inst. Sofia 43 no.1:1-8 '64.

1. Chair of Pharmacology, (Director: Prof. I. Paskov .

NACHEV, Panaiot, inzh; PASKOV, Petur, inzh.

Packing of highway embankments. Stroitelstvo 10 no.3:25-27
My-Je '63.

MUNK, V; PASKOVA, Jirina; HANUS, J.

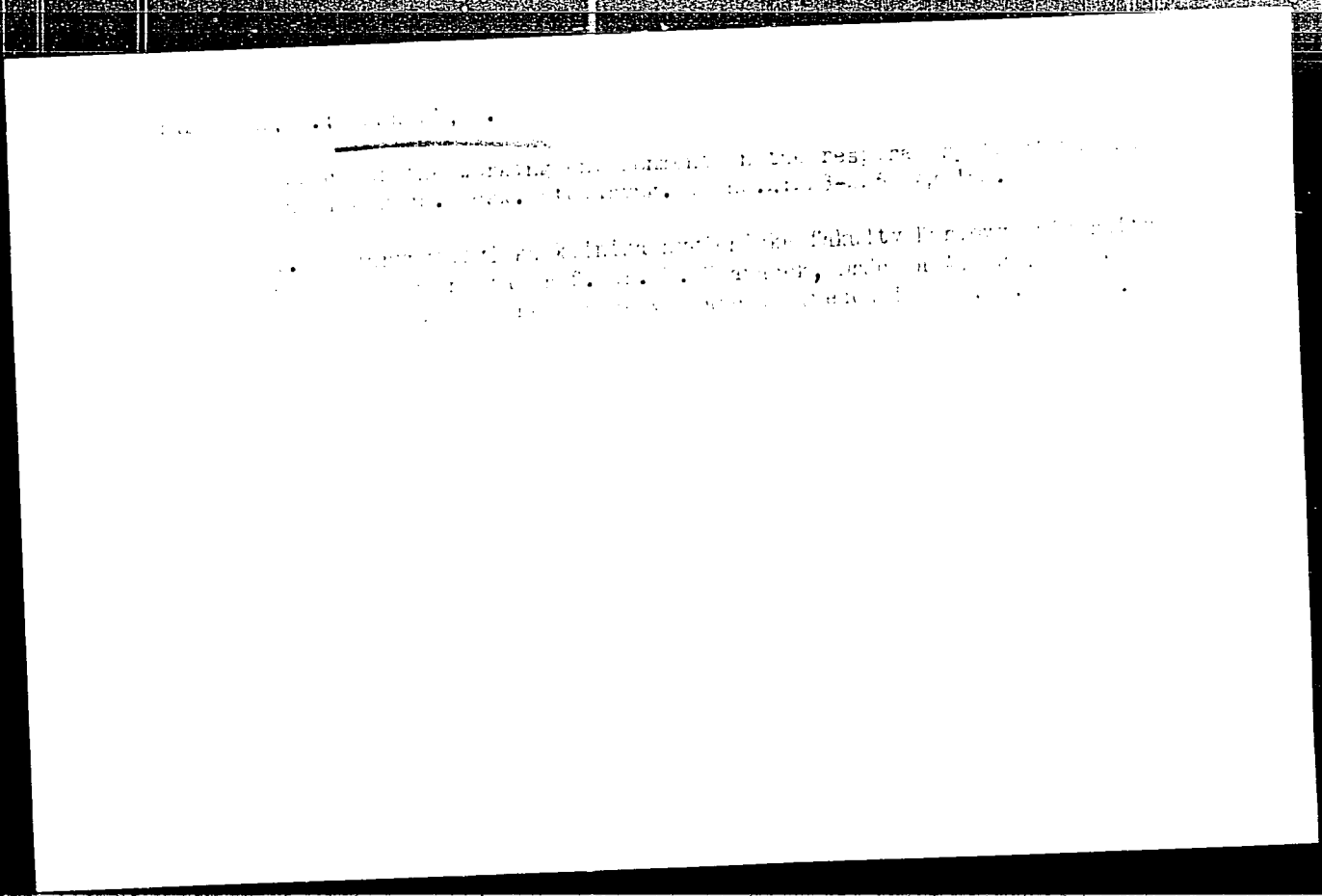
Factors Influencing Glucose Oxidase Activity in Submerged Cultivation
of *Aspergillus niger* on Synthetic Medium. Folia microbiol. 8 no. 4:203-14
Jl '63

Department of Microbiology, Central Research Institute of the Food
Industry, Prague.

(OXIDOREDUCTASES) (ASPERGILLUS) (CULTURE MEDIA) (CITRATES)
(GLUCOSE) (CALCIUM) (MAGNESIUM) (AMMONIA)
(HYDROGEN-ION CONCENTRATION)

PASKOVA, R.; BOICHINOVA, Zdr.

Antialcoholic education through teaching anatomy and
physiology of man. Biol i khim 7 no. 3:24-28 '64.



HLAVACEK, Vl.; PASKOVA, Z.; CHLADEK, Vl.; TOMASOFFOVA, A.

Combined diagnosis of allergic diseases of the upper respiratory tract. Cas. lek. cesk. 101 no.29/30:936-939 20 J1 '62.

1. Otolaryngologická klinika lékařské fakulty hygienické KU v Praze, přednosta prof. dr. V. Hlavacek. Alergologické oddělení FN Praha 10, přednosta MUDr. B. Hodek. Oddělení bakteriologicko-serologické katedry mikrobiologie lékařské fakulty hygienické KU v Praze, přednosta prof. dr. J. Sedlak.

(HAY FEVER diagnosis) (SINUSITIS diagnosis)
(RESPIRATORY TRACT INFECTIONS diagnosis)

COUNTRY : YUGOSLAVIA
 CATEGORY : Cultivated Plants. Industrial, Oleiferous, Sugar. M
 ABS. JOUR. : RZhBiol., No. 23 1958, No. 104773
 AUTHOR : Paskovic, F.
 INST. :
 TITLE : The Influence of Gibberellic acid on the Growth of the Stem of Hemp Plant.
 ORIG. PUB. : Tekstil, 1958, 7, No. 2, 105-124.
 ABSTRACT : The effect of gibberellic acid on hemp was studied in the conditions of greenhouses. Hemp was sprayed with the acid solutions in the concentration of 1, 10, and 100 mg/l when the plants reached the height of 20 centimeters (the first series of the experiments), 40 (the second series, and more than 50 centimeters (the third series). By the end of the experiment, solutions in the concentration of 10 and 100 milligrams/liter increased the height in the first and second series by 23 and 27, and with the concentration of 1 milligram/liter, there was a decrease

CARD: 1/2

CATEGORY :
 ABS. JOUR. : RZhBiol., No. 1958, No. 104773

AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : in the height compared with the control. Plants grown from seeds treated with the solutions in the concentration of 1 and 100 milligrams/liter, were smaller than the control plants, and plants treated with the solution in the concentration of 10 milligrams/liter were larger. All of the sprayed plants were delicate and had a sickly appearance. -- G. Yu. Dinesman

CARD: 2/2

PASLEN, D.A., inzh.

Bin gate lock with hydraulic drive. Ugol' 37 no.8:45-46 Ag
'62. (MIRA 15:9)

1. Proyektno-izyskatel'skaya kontora Komi soveta narodnogo
khozyaystva.

(Pechora Basin--Mine haulage)

PASNIK, I.V.; CHUMAKOV, N.S.; KIRPICHNIKOV, P.A.

Some ways for improving the quality of insole paperboard.
Kozh. obuv. prom. 5 no.7:37-38 J1 '63. (MIRA 16:8)

(Paperboard)
(Shoe industry—Equipment and supplies)

COSMA, Constanta; RABOI-BARCO, Aurelia; STAN, C.; STEFANESCU, Ioana.

The textile and ready-made clothing industry in Bucharest.
Ind text Rum 15 no.7:301-305 J1'64

1. Institute of Geology and Geography, Rumanian Academy.

BALIF, Gabriela; GROU, Elvira; PASOL, P.

Determination of the DDT and HCH residues on wheat. Studii
cerc biol s. bot 16 no. 3:249-256 '64.

1. Laboratory of Phytopathology and Microbiology, "Traian
Savulescu" Institute of Biology.

PASOVSKAYA, G.B.

Conductometric analysis of copper. Izv. AN Turk. SSR no.5:73-74
'59. (MIRA 13:3)

1. Turkmenskiy gosudarstvennyy meditsinskiy institut.
(Conductometric analysis) (Copper--Analysis)

PASKOWSKI, S

575.023 : 675.031.3

✓ 437

Paskowski S. Principles Concerning Soaking and Liming Kid for Glaves.

"Zasady moczenia i wapnienia skórk kozich na rektawicki". Przegląd Skórzany, No. 2, 1958, pp. 50-53, 3 figs.

In the course of tawing, kid is subjected to various chemical treatments, it should therefore be adequately hydrated -- that is, the collagen must be subjected to hydration, a process which determines its chemical activity. For this purpose, skins are soaked. The paper deals with the effect on the results of soaking exerted by various factors, as for instance: -- the kind and method of raw material preservation, soaking temperature, mechanical treatment of the skins in the course of soaking, additions of various chemical substances to the liquor, duration of soaking and the proportion of water used to skin weight. Then, the author discusses the second process which influences the stretching capacity of the finished product -- that is, liming of the skins. The investigations were concerned with the effects exerted on the process by: 1) concentration and kind of the lime milk; 2) duration of liming; 3) liming temperature; 4) operation of mechanical factors in the course of liming.

Males

L

PASKOV, D.; DOBREV, Kh.

Pharmacological studies on citysine isolation in Bulgaria from Citysus
laburnum. Izv. med. inst., Sofia 8:17-28 1953. (CJML 25:5)

1. Candidate Medical Sciences, Senior Scientific Associate at the Bul-
garian Academy of Sciences for Paskov; Doctor for Dobrev.

PASKOV, D.

Pharmacologic properties of an alkaloid isolated from *Senecio nemorensis*;
preliminary communication. *Izv. med. inst., Sofia* 8:29-36 1953.
(CML 25:5)

1. Candidate Medical Sciences; Senior Scientific Associate at the
Bulgarian Academy of Sciences.

PASKOV, D.; KOZHUKHAROV, P.; PAVLOV, V.

Experimental studies of isonicotinic acid hydrazide synthesized in Bulgaria. Izv. med. inst., Sofia 8:53-80 1953. (CML 25:5)

1. Candidate Medical Sciences, Senior Scientific Associate at the Bulgarian Academy of Sciences for Paskov; Senior Scientific Associate at the Pharmaceutical Scientific-Research Institute for Kozhukharov; Junior Scientific Associate at the Bulgarian Academy of Sciences for Pavlov.

PASKOV, D.; IVANOV, V.; IVANOVA, L. B.; AMANASOVA, Sl.

Photochemical and pharmacological investigations on *Angelica
pencici* Vandas. *Farmatsia*, Sofia 4 no.6:14-22 1954.

(PLANTS,
Angelica pencici, pharmacol.)

PASKOV, D.; RUSINOV, K.

Investigations on the effect of nucleic acid from baker's yeasts on the cardiovascular system. Farmatsia, Sofia 5 no.2:35-43 Mar-Apr 55.

(CARDIOVASCULAR SYSTEM, effect of drugs on, nucleic acids isolated from baker's yeasts)

(NUCLEIC ACIDS, effects, on cardiovasc. system, nucleic acid isolated from baker's yeasts)

(YEASTS, nucleic acid isolated from, eff. on cardiovasc. system)

PASKOV, D.; PAPAZOVA, M.

"Influence of certain amino acids upon chemoreceptors of the intestines."

IZVESTIIA, Sofia, Bulgaria, No. 3, 1957.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59
Unclas

BULGARIA

YANCHEV, L., Col.; KAZAKOV, St., Maj.; SHEYTANOV, M., Col. of the Army Medical Service; and PASKOV, D., Professor

"Experimental Investigation of the Effects of Pharmaceuticals on Resistance to Fatigue."

Sofia, Voenno Meditsinsko Delo, Vol 21, No 2, 1966, pp 39-45.

Abstract [authors' Russian summary modified]: The effects of a mixture of nivalin, caffeine, ephedrine and phytin upon fatigue resistance of the organism was determined with the aid of varying amounts of work on a veloergometer and during a 75-km march. It was found that the administration of the mixture before the commencement of work improves to a certain degree the regulation of the cardiovascular system during work and reduces or completely eliminates subjective feeling of fatigue. The mixture with nivalin is recommended to increase endurance in certain special situations. Three Soviet-bloc and 2 Western references.

1/1

PASKOV, D., prof. dr., IOVCHEV, A.; DJAROV, D.; MIZOV, V.; VLACHOV, V.

Pharmacologic action of a new group of synthetic compounds and the connection with their chemical structure. Nauch. tr. vissh. med. inst. Sofia 43 no.4:9-14 '64

1. Chair of Pharmacology of HMI, Sofia (Director: Prof. D.Paskov).

PASKOV, D., prof. dr.; STATKOV, P.; NINOVA, P.

Pharmacological and phytochemical study of the plant *Verbascum nobile* Vel. Nauch. tr. vissh. med. inst. Sofia 43 no.4:1-8 '64

1. Chaire de pharmacologie (Directeur: Dr. D. Paskov).

COUNTRY : Bulgaria H-13
CATEGORY :
ABS. JOUR. : RZhKhiz., No. 16 1959, No. 57850
AUTHOR : Paakov, D.
INSTR. : Not given
TITLE : Horsehoe- and Cross-Draft Glass-Melting Tanks

ORIG. PUB. : Doka Promishlennost, 7, No 5, 15-17 (1958)

ABSTRACT : This article is a continuation of a previous article (see RZhKhiz., 1959, No 5, 20266) and gives a comparison of temperature distributions, furnace atmospheres, types of drafts, burner construction, and a number of other characteristics of glass-melting tanks of various design. The furnace efficiency, the regulation of temperature distribution over the furnace area, temperature control, and the regulation of the furnace atmosphere are more favorable in cross-draft furnaces; cross-

CARD: 1/2

PASKOV, D.

"Effect of snowdrop alkaloids upon transversally striated muscular fibers."

IZVESTIIA. SERIJA EKSPERIMENTALNA BIOLOGIJA I MEDITSINA, Sofia, Bulgaria,
No. 1, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of
Congress, Volume 8, No. 8, August 1959.

Unclassified