

BRESLAV, I.S.; SLONIM, A.D., zaveduyushchiy.

Gas metabolism and conditioned responses to food in dogs. Trudy Inst.fiziol.
1:116-124 '52. (MIRA 6:8)

1. Laboratoriya ekologicheskoy fiziologii. (Conditioned response)
(Respiration)

DANIYAROV, S.B.; SLONIM, A.D., zaveduyushchiy.

Natural conditioned responses to food depending upon distance. Trudy Inst.
fiziol. 1:125-133 '52. (MLRA 6:8)

1. Laboratoriya ekologicheskoy fiziologii.

(Conditioned response)

PONUGAYEVA, A.G.; SLONIM, A.D., zaveduyushchiy.

Interrelationship of group and defensive responses to heat exchange. Trudy
Inst.fiziol. 1:134-140 '52. (MLA 6:8)

1. Laboratoriya ekologicheskoy fiziologii.
(Conditioned response) (Animal heat)

SLONIM, A.D.

Result of investigating the analyser function of the oral cavity.
Stomatologiya no.5:3-7 '53. (MLRA 7:1)

1. Iz kafedry normal'noy fiziologii (zaveduyushchiy - professor
A.D.Slonim) Leningradskogo meditsinskogo stomatologicheskogo
instituta (direktor - professor R.I.Gavrilov).
(Mouth) (Receptors (Neurology))

Stovny, T. D.

~~Sloans, A. D.~~ Signal'nye faktory vneshnei sredy i ikh znachenie dlia meditsinskoi klimatologii. [Signal factors of environment and their significance in medical climatology.] *Gigiena i Sanitariia*, Moscow, No. 7:3-11, 1953. DLC—The author examines the possibility of applying the principles of the conditioned reflex to analysis of the action of the meteorological variables upon physiological processes and reviews various studies involving the application of this approach. These include the nervous response to air movement apart from its cooling effect (I. A. OFENIN), the effect of change in working position upon heat regulation in man (A. S. PONOGAEV and O. I. MARGOLIN), effect of radiant heat loss upon respiratory exchange and skin temperature, action of light upon metabolism and its relation to physiological rhythm, adaptation to cold by training and hardening, etc. (Same item as 3.8-253, Aug. 1954, MAB.) Subject Headings: 1. Physiological climatology 2. Conditioned reflex method.—J.L.D. //

SLONIM, A. D.

"Signal Factors of the External Environment and Their Importance for Medical
Climatology," Gig. i San., No.7, pp. 3-11, 1954

Evaluation A-53353, 26 Jul 56

SLOHIM, A.D.

Ways and methods of studying roles of different analysors in
the catering activity of rodents. Zool.zhurn. 33 no.5:1147-1156
S-0 '54. (MLBA 7:11)

1. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR.
(Rodentia)

ANNEXE 2/11

"SUR LES MECANISMES REFLEXES DE L'APPET DES FACTEURS
DU MILIEU EXTERIEUR SUR LES ECHANGES GAZEUX"

PP. 354, Reports given at the 20th International
Congress of Physiologists, Brussels, 30 Jul-4 Aug 56

Translation E 5368

AYRAPET'YANTS, E.Sh.; VLADIMIROV, G.Ye.; RIKKL', A.V.; SLONIM.,A.D.

Productive life of academician K.M. Bykov; 70th anniversary of his
birth. Fiziol. zhur. 42 no.2;135-141 F '56. (MLRA 9:6)

(BIOGRAPHIES,
Bykov, Konstantin, M.)

SLEVIN, A.D.

SLEVIN, A.D. (Leningrad)

Problems in thermoregulation and heat exchange at the Twentieth
International Congress of Physiologists. Fiziol.zhur. 43: 812-816
1957. (1957) 1957.
(HEAT--PHYSIOLOGICAL EFFECT)

SEONIN, A.D. (Leningrad)

International symposium in Czechoslovakia on the physiology of labor.
Fiziol.zhur. 44 no.7:698 JI '58 (MIRA 11:7)

(WORK)

SLONIM, A.D.

Food reflexes and food specialization in mammals [with summary
in English]. Zhur.ob.biol. 19 no.6:439-448 N-D '58 (MIRA 11:11)

1. Institut fiziologii imeni I.P. Pavlova AN SSSR.
(ANIMALS, FOOD HABITS OF)

SLONIM, A.D.

International symposium on hypothermia held in Yugoslavia.
Fiziol. zhur. 44 no.8:783-784 Ag '58 (MIRA 11:9)
(BELGRADE--HYPOTHERMIA--CONGRESSES)

SLONIM, A. D. Dr.

"Nervous Regulations of Metabolism and Body Temperature During the Winter Hibernation in Animals."

report submitted for the First Int'l Symposium on Natural Mammalian Hibernation, Dedham, Massachusetts, 13-14-15 May 1959.

Physiological Institute in the Name of Pavlov, Academy of Science, Leningrad, USSR.

OLovim, H D

17(1)

SOV/30-59-4-36/51

AUTHOR:

Razumov, S. A., Candidate of Biological Sciences

TITLE:

Problems of Ecological Physiology (Problemy ekologicheskoy fiziologii)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 4, pp 121-123 (USSR)

ABSTRACT:

The All-union Conference held by the Institut fiziologii im. I. P. Pavlova (Physiological Institute imeni I. P. Pavlov) in Leningrad between January 12th and January 17th dealt with these problems. Altogether 58 reports were delivered, e.g.: A. D. Slo-
nim spoke about "Essential Trends of Research of the Ecological-physiological Specialization in Mammals"; D. A. Biryukov on "Ecological Factors in Animal Physiology"; I. D. Strel'nikov on "the Ecological Heat Balance in Several Invertebrates (Insects) and Vertebrates (Reptiles and Mammals)"; I. A. Arshavskiy spoke about "the Comparative Ontogenetic Characteristics of Several Physiological Features in Rabbits and Hares in Connection With Particularities of Their Ecology"; Ye. M. Kreps, N. A. Verzhbinskaya and A. A. Smirnov reported on "Physiological Characteristics of Various Hemocyanins of Species of Crabs in Dependence of Their Conditions of Life"; Ye. I. Orlov spoke about

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SOV/30-59-4-36/51

Problems of Ecological Physiology

"the Behavior and Survival of "iksodovyye kleshchi" (mites) in the Case of Irrigation and Flooding of the Irrigated Regions"; N. P. Naumov spoke about "the Internal Structure of Higher Vertebrates and Some Problems of Their Investigation by Ecological-physiological Methods"; I. Ya. Polyakov dealt with "the Morpho-physiological Variability of the Population of Rodents Under the Effect of Ecological Conditions"; N. I. Kalabukhov, N. A. Morkiyevich and E. A. Petrosyan spoke about "Several Ecological-physiological Characteristics of Various Species and Geographical Populations of a Type of Sandstone"; M. V. Kirzon, N. P. Naumov, N. M. Dukel'skaya and L. V. Borisov reported on "the Ecological and Physiological Trend of the Investigation of the Effect of Rat Poisons". In their resolution the members of the Conference underlined the great importance of ecological physiology and indicated the most important ways of further research in this field. Special attention was paid to the increased research work carried out by ecologists, zoologists, physiologists and biochemists.

Card 2/2

SLONIM, A.D.

Some results of ecological and physiological research. *Trudy Inst. fiziol.* 8:194-206 '59. (MIRA 13:5)

1. Laboratoriya ekologicheskoy fiziologii (zaveduyushchiy - A.D. Slonim) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(ADAPTATION (BIOLOGY))

SIONIM, A.D. (Leningrad)

Chemical thermoregulation in ontogeny and in the adult animal. Usp.
sov. biol. 47 no.2:220-234 Mr-Apr '59. (MIRA 12:7)
(BODY TEMPERATURE,
thermoregulation in growing & adult animals (Rus))

PONUGAYEVA, Antonina Gavrilovna; ~~SLONIM, A.D.~~, otv.red.; NATAROVA, N.V..
red.izd-va; KRUGLIKOVA, N.A., tekhn.red.

[Physiological studies of instincts in mammals] Fiziologicheskie
issledovaniia instinktov u mlekopitalushchikh. Moskva, Izd-vo
Akad.nauk SSSR, 1960. 180 p. (MIRA 13:12)
(Instinct)

BYKOV, Konstantin Mikhaylovich; SLONIM, Abram Donovich; VASIL'YEVA, Z.A.,
red.izd-va; KRUGLIKOVA, N.A., tekhn.red.

[Investigations of complex reflex activity in animals and man]
Issledovaniia slozhnorefleksnoy deiatel'nosti zhivotnykh i
cheloveka v estestvennykh usloviakh. Moskva, Izd-vo Akad.nauk
SSSR, 1960. 202 p. (MIRA 13:7)
(Reflexes)

LETAVET, A.A., prof., otv. red.; VESELKIN, P.N., prof., red.;
KANDROR, I.S., prof., red.; KOYRANSKIY, B.B., prof., red.;
MALYSHEVA, A.Ye., doktor med.nauk, red.; SLONIM, A.D., prof.,
red.

[Physiology of heat exchange and the hygiene of industrial
microclimate] Fiziologiya teploobmena i gigena promyshlennogo
mikroklimata. Moskva, 1961. 365 p. (MIRA 16:4)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut gigiyeny
truda i profzabolevaniy. 2. Deystvitel'nyy chlen Akademii me-
ditsinskikh nauk SSSR, Direktor Instituta gigiyeny truda i prof-
zabolevaniy Akademii meditsinskikh nauk SSSR (for Letavet). 3. Chlen-
korrespondent Akademii meditsinskikh nauk SSSR (for Veselkin). 4. In-
stitut obshchey i kommunal'noy gigiyeny im.A.N.Sysina Akademii me-
ditsinskikh nauk SSSR (for Kandror). 5. Leningradskiy institut gi-
giyeny truda i profzabolevaniy (for Koyranskiy). 6. Institut gi-
giyeny truda i profzabolevaniy Akademii meditsinskikh nauk SSSR (for
Malysheva). 7. Institut fiziologii im. I.P.Pavlova Akademii
nauk SSSR (for Slonim).

(BODY TEMPERATURE REGULATION) (INDUSTRIAL HYGIENE)

SLONIM, Abram Dyonovich; OL'YANSKAYA, R.P., otv. red.; VASIL'YEVA, Z.A., red.
izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Fundamentals of the general ecological physiology of mammals] Osnovy
obshchei ekologicheskoi fiziologii mlekopitaiushchikh. Moskva, Izd-
vo Akad. nauk SSSR, 1961. 430 p. (MIRA 14:8)
(Physiology) (Zoology--Ecology)

SLONIM, A.D.

"Ecological physiology of nervous activity" by D.A.Biriukov. Zhur.
ob.biol. 22 no.2:158-160 Mr-Apr '61. (MIRA 14:5)
(NERVOUS SYSTEM) (ECOLOGY) (BIRIUKOV, D.A.)

ABRAMOVA, Zh.I.; BRUSILOVSKAYA, A.I.; GADASKINA, I.D.; GOLUBEV, A.A.;
GRIGOR'YEV, Z.E.; DANISHEVSKIY, S.L.; KOVNATSKIY, M.A.; KOYRANSKIY, B.B.;
LAZAREV, N.V.; LEVINA, E.N.; LYUBLINA, Ye.I.; LYKHINA, Ye.T.; OSIPOV,
B.S.; RYLOVA, M.L.; RUSIN, V.Ya.; SLONIM, A.D.; FRIDL'YAND, I.G.

Il'ia Stepanovich Aleksandrov. Farm.i toks. 24 no.1:127 Ja-F '61.
(MIRA 14:5)

(ALEKSANDROV, IL'IA STEPANOVICH, 1902-1960)

SLONIM, Abram Donovich; OL'NYANSKAYA, R.P., otv. red.; VASIL'YEVA,
Z.A., red. izd-va; AREF'YEVA, G.P., tekhn. red.

[Specialized ecological physiology of mammals] Chastnaia eko-
logicheskaiia fiziologiiia mlekopitaiushchikh. Moskva, Izd-vo
Akad. nauk SSSR, 1962. 496 p. (MIRA 15:10)
(Mammals--Physiology) (Adaptation (Biology))

SLONIM, A.D.

"On the central mechanisms of acclimation to cold.

Report presented at the Intl. Symposium on Temperature Acclimation,

Leiden, Netherlands 5-7 Sep 1962

L 6751-65 EWG(j)/EWG(r)/EWT(l)/A/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Po-5/Pb-1

AMD/RAEM(t) DD
ACCESSION NR: AT4045943

S/3111/63/062/000/0006/0013

AUTHOR: Slonim, A. D.

59
58

TITLE: The changes in gas exchange during hypoxemia

SOURCE: Dushanbe. Gosudarstvennyy meditsinskiy Institut. Trudy*, v. 62, 1963. Voprosy* fiziologii i patologii vy*sokogor'ya; trudy* nauchnoy konferentsii, 1962 (Problems of the physiology and pathology of Alpine regions; transactions of the 1962 scientific conference), 6-13

TOPIC TAGS: high altitude, hypoxia, hypoxemia, gas exchange, adaptation, tissue adaptation, acclimatization

ABSTRACT: In a general review of the mechanisms of gas exchange and the reaction of the organism to hypoxia and hypoxemia, the author discusses both the physiological mechanisms of reactive adaptation and the changes in the oxidative enzymes of the tissues during hypoxemia. The processes of tissue adaption to oxygen deficiency under conditions of high altitude are emphasized, particularly the relationship between temperature and oxygen consumption on the basis of both clinical and experimental evidence. The different adaptive responses produced by different mountainous areas are pointed out. The author concludes that the mechanism of non-reactive or tissue adaptation of the organism to oxygen deficiency is intimate

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L 6751-65
ACCESSION NR: AT4045943

ly connected with the metabolism in the muscle tissue and with the state of excitation of the skeletal musculature. These facts uncover new perspectives in the study of individual, group and species adaptations to oxygen deficiency from the genetic point of view.

ASSOCIATION: Institut fiziologii Im. Pavlova AN SSSR, Leningrad (Institute of Physiology, AN SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NO REF SOV: 021

OTHER: 004

Card

2/2

SLONIM, A. D.

"On changes in the General Gas Exchange during Hypoxemia".

Report presented at the Scientific Conference devoted to the problems of physiology and pathology in High Altitudes, Ministry of Health Tadzhik SSR and Medical Institute im. Abdul' Ibn-Sino, held in Dushanbe, October 1962. (Zdravookhraneniye Tadzhikstana, Dushanbe, No. 3, 1963, p. 37-39

SLONIM, A.D.

Current problems of the physiological study of instinct.
Zhur. ob. biol. 24 no.5:313-323 S-0 '63. (MIRA 17:1)

1. Institut fiziologii imeni Pavlova AN SSSR, Leningrad.

SLONIM, A.D.

Physiological mechanisms of the cold-acclimatization and
hardening of the human organism. Vop. kur., fiziater. i lech.
fiz. kul't. no.6:481-487 '63. (MIRA 17:8)

I. Iz Instituta fiziologii imeni I.P. Pavlova AN SSSR (dir. ..
akademik V.N. Chernigovskiy).

IVANOV, Kirill Pavlovich; SLONIM, A.D., prof., otv. red.

[Muscle system and chemical thermoregulation, Myshechnaia sistema i khimicheskaia termoreguliatsiia. Moskva, Nauka, 1965. 125 p. (MIRA 18:5)

SLONIM, A.D., otv. red.; CHEREDNICHENKO, L.K., red.; SHCHEGLOVA,
A.I., red.

[Complex behavior forms] Slozhnye formy povedeniia. Mo-
skva, Nauka, 1965. 232 p. (MIRA 18:6)

1. Akademiya nauk SSSR. Ob"yedinennyi nauchnyi sovet
"Fiziologiya cheloveka i zhivotnykh."

SLONIM, A.D.

Chemical thermoregulation and structure of the effector
portion of the thermoregulatory reflex. Fiziol. zhur. 50
no.8:1017-1024 Ag '64. (MIRA 18:12)

1. Institut fiziologii imeni Pavlova AN SSSR, Leningrad.

CHEREDNICHENKO, Lidiya Kuz'minichna; SLONIM, A.D., otv. red.

[Physiological calorimetry] Fiziologicheskaja kalori-
metriia. Moskva, Nauka, 1965. 134 p. (MIRA 18:9)

SIOMIN, A. I.

Non-scheduled routing system in tool-machine construction plants Moskva, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, 1949. 31 p. (50-31108)

TJ1135.S55

SLONIM, A.I.

[Principles of creating a nomenclature for a list of materials]
Osnovy postroeniia nomenklatury-tsennika materialov. Moskva, Mash-
giz, 1954. 80 p. (MLRA 7:12)
(Factories--Accounting) (Machinery)

SLONIM, A.I., inzhener

Engineering and economic aspects of normalization. Standartizatsiia no.5:27-34 O-S'55. (MLRA 8:11)

(Standards, Engineering)

SOV-28-58-4-2/35

AUTHORS: Golovinskiy, I.M., and Slonim, A.I., Engineers

TITLE: Specialization and Centralization in the Production of Parts for Electronic Devices (Spetsializatsiya i tsentralizatsiya proizvodstva elementov elektronnoy apparatury)

PERIODICAL: Standartizatsiya, 1958, Nr 4, pp 8 - 11 (USSR)

ABSTRACT: General information is presented on the organization of specialized production of parts for radio-electronic devices. Proper conditions in this field were created by the organization of sovmarkhozes. First of all, the production of items requiring similar technological work processes must be started, which later on can be unified and then normalized. It is recommended that new items be produced to replace existing parts; e.g. the production of a new series of unified high-frequency plug-connectors (fig. 3) which can be applied to any device and replace plug-connectors of previous design which cannot be normalized. The size of specialized enterprises also has to be taken into consideration, for a too expanded concentration could entail difficulties in the reorganization. It is suggested

Card 1/2

SLONIM, Asir Isidorovich; TSUKKER, G.Ye., nauchnyy red.; SMIRNOV, Yu.I.,
red.; TSAL, R.K., tekhn.red.

[Organization of the technical preparation of production processes
at an instrument plant] Organizatsiia tekhnicheskoi podgotovki
proizvodstva na priborostroitel'nom predpriatii. Leningrad, Gos.
soiuznoe izd-vo sudostroitel'nom promyshl., 1960. 151 p.
(Instrument manufacture) (MIRA 13:9)

SLOHIM, Asir Isidorovich; RUBCHINSKIY, A.M., kand. ekon. nauk,
retsensent; GOROKHOV, I.A., nauchnyy red.; APTEKMAN, M.A.,
red.; TSAL, R.K., tekhn. red.

[Organization of the technical preparation of production in
the instrument industry] Organizatsia tekhnicheskoi podgotov-
ki proizvodstva v priborostroenii. Izd.2., perer. i dop. Le-
ningrad, Sudpromgiz, 1962. 177 p. (MIRA 15:10)
(Instrument industry)

ALYAKRINSKIY, Georgiy Sergeevich; RODSHEYN, A.I., prof., doktor
ekon. nauk, zasl. deyatel' nauki i tekhniki, nauchnyy red.;
SATANOVSKIY, Ya.S., retsenzent; SLONIM, A.I., retsenzent;
KUSKOVA, A.I., red.; ERASTOVA, N.V., tekhn. red.

[Economic analysis of the means for lowering production
costs] Ekonomicheskii analiz rezervov snizhenia sebestoi-
mosti produktsii. Leningrad, Sudpromgiz, 1963. 20. p.
(MIRA 16:6)

(Costs, Industrial)

RUBCHINSKIY, Arkadiy Mikhaylovich; SLONIM, A.I., red.; ZHITNIKOVA,
O.S., tekhn.red.

[Organization and planning of production in a radio ap-
paratus factory] Organizatsiia i planirovanie proizvodstva
na zavode radioapparatury. Moskva, Gosenergoizdat, 1963.
271 p. (MIRA 16:12)

(Radio industry)

1981.11.11 [Organization of production in an instrument plant of
the Ministry, P.M., number 1-1, P.M. No. 1, 1981]

[Organization of production in an instrument plant of
enterprise] Organizatsiia proizvodstva na priborov, tsil'
non-prodprinait. Leningrad, SSSR, 1981. 10 p.
(MIRA 1981)

SLONIM, A. Z.

Cand Tech Sci - (diss) "New method of non-stop cutting of sheet rolling." Moscow, 1961. 13 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Machine-Tool Inst imeni I. V. Stalin); number of copies not given; price not given; (KL, 7-61 sup, 246)

Slonim D.

SLOMIN D., HLOUCAL L.

Klinické obrázky cervaniky a jejick prukas aglutinacni testem.
/Diagnosis of erysipeloid by agglutination test/ Cas. lek. cesk,
89:13 31 Mar 50 p. 377-82.

1. Of the Internal and Infectious Department of the State Regional Hospital, Strakonice.

CLML 19. 1, July 50

KOZINSKI, A.W.;SLONIM, D.

Effect of *Salmonella typhosa* fractions on viral hemagglutination;
gradient of inhibition. *Med. dosw. mikrob., Warsz.* 4 no. 2:217-225
1952. (GLML 22:4)

1. Of the National Institute of Hygiene in Warsaw and of the Institute of Microbiology and Immunology of Charles University, Prague.

SLONIM, Dimitrij; STRANAKOVA, Vera

Laboratory infection of man with a virus of Newcastle disease.
Cas.lek.cesk. 91 no.9:264-265 29 Feb 52.

1. Ustav pro lekarskou mikrobiologii a imunologii Karlovy uni-
versity v Praze. Prednosta prof. dr. F.Patocka.

(NEWCASTLE DISEASE, transmission,
laboratory infect. in man)

KOZLINSKI, Andrzej; SLONIM, Dimitrij

Effect of endotoxic complexes of Salmonella typhosa on viral hemagglutination. Cas.lek.cesk. 91 no.37:1054-1056 12 Sept 52.

1. Panstwowy Zaklad Higieny w Warszawie (for Kozlinski). 2. Ustav pro lekarskou mikrobiologii a imunologii K.U. v Praze (for Slonim).
Z Ustavu pro lekarskou mikrobiologii a imunologii K.U. v Praze.
Prednosta prof. dr. Fr. Patocka.

(SALMONELLA TYPHOSA,

endotoxin, eff. on viral hemagglut.)

(HEMAGGLUTINATION,

by viruses, eff. of Salmonella typhosa endotoxin)

(VIRUSES,

hemagglut . off. of Salmonella typhosa endotoxin)

SLONIM, Dimitrij

Studies on the mutual relationship between cells and viruses of the mumps-Newcastle disease-influenza group. Cesk. hyg. epidem. mikrob. 2 no.3:176-182 June '53.

1. Z ustavu pro lekárskou mikrobiologii a imunologii Karlovy university v Praze. Prednosta prof. Dr Frantisek Patocka.

(MUMPS, virus, mutual relationship between viruses of mumps-Newcastel dis.-influenza groups)	(VIRUSES, same as above)
(NEWCASTLE DISEASE, virus, same as above)	
(INFLUENZA VIRUSES, same as above)	

SLONIM, Dimitrij

Serologic diagnosis of certain viral neuroinfections. *Cesk. hyg. epidem. mikrob.* 2 no.5:366-374 Oct. 53.

1. Z ustavu lekárske mikrobiologie imunologie KU v Praze. Prednosta prof. Dr Frantisek Patočka.

(VIRUS DISEASES,
 louping ill, serol. diag.)
(ENCEPHALOMYELITIS,
 louping ill, serol. diag.)
(ENCEPHALITIS, EPIDEMIC, diagnosis,
 serol.)

SLONIM, Dimitrij.

SLONIM, Dimitrij; DOUBEK, Karel

Influenza in children in the Prague region during the first half of 1952. Cesk. hyg. epidem. mikrob. 2 no.1:73-76 Feb '53.

1. Z ustavu pro lekarskou mikrobiologii a imunologii Karlovy university v Praze. Prednosta prof. Dr Frantisek Patočka.

(INFLUENZA, epidemiology.
Czech., in child.)

SLONIM, Dimitrij.

PATOCKA, Frantisek, Dr; SLONIM, Dimitrij, Dr

New possibilities of active immunization against influenza. Prakt.
lek., Praha 34 no.20:463-465 20 Oct 54.
(INFLUENZA, prevention and control,
immun.)
(VACCINES AND VACCINATION,
influenza vacc.)

SLOW/11/17

CZECH

Qualitative study of protein fractions of the human convalescent encephalitic serum in view of the possibilities of specific prevention of tick encephalitis. Dimitrij Slonim (Charles Univ., Prague). *Czechoslov. Hyg. Epidemiol. Microbiol., Immunol.* 4, 40-7 (1965).—Neutralization and protection tests were carried out in white mice with the albumin, α -globulin, β -globulin, and γ -globulin (I) fractions of human convalescent serum. The antibodies against the Czech tick-borne encephalitis virus were present in I which was prepd. by alc. pptn. L. T. Urbánek

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SLONIM, Dimitrij; za technicke spoluprace Richarda Stejfy

Virus of Czechoslovakian tick-borne encephalitis in chick
embryo. II. Cesk. epidem. mikrob. imun. 5 no.1:3-13 Mar 56.

1. Ustav lekarske mikrobiologie a imnologie KU v Praze,
prednosta prof. MUDr. Frantisek Patocka.

(ENCEPHALITIS, EPIDEMIC, viruses,
Czech. tick-borne encephalitis virus culture in
chick embryo (Cz))

BEDNAR, Blahoslav; SLONIM, Dimitrij

Histological changes in chick embryo produced by the virus of
Czechoslovakian tick-borne encephalitis. III. Cesk. epidem.
mikrob. imun. 5 no.2:63-67 Apr 56.

I. I. pathologicko-anatomicky ustav lekarske fakulty K.U. v
Praze. Ustav lekarske mikrobiologie a imunologie K.U. v Praze,
prednosta prof. MUDr. Frantisek Patocka.

(ENCEPHALITIS, EPIDEMIC, viruses,

Czech. tick-borne encephalitis virus culture in chick
embryo, histol. changes (Cz))

SLONIM; Dimitrij, MUDr.; STEPANEK, Jaromir, Dr.

Electron microscopy of purified viruses of tick-borne encephalitis in Czechoslovakia. IV. Cesk. epidem. mikrob. imun. 5 no.4:173-177 July 56.

1. Z Ustavu lekarske mikrob. a imunologie KU v Praze, predn. prof. MUDr. Frantisek Patocka. Z laboratore pro elektronovou mikroskopii v biologii CSAV v Praze, predn. prof. MUDr. Jan Wolf.
(ENCEPHALITIS, EPIDEMIC, viruses,
Czech. tick-borne encephalitis virus, electron microscopy (Cz))
(MICROSCOPY, ELECTRON,
of encephalitis virus, tick-borne strain isolated in Czech. (Cz))

KRAMAR, Jaroslav, Doc., RNDr.; SLONIM, Dimitrij, MUDr.

Essay with the isolation of Czechoslovakian tick-borne encephalitis virus from mosquitoes in natural foci. Cesk. epidem. mikrob. imun. 5 no.4:185-189 July 56.

1. Ustav pro lekarskou mikrob. a imunologii Karlovy univ. v Praze, predn. prof. MUDr. F. Patokka. Parastiol. oddeleni katedry ekologicke zoologie na biologicke fakulte Karlovy university v Praze, predn. akademik O. Jirovec.

(ENCEPHALITIS, EPIDEMIC, virus,
Czech. tick borne encephalitis virus in mosquitoes,
isolation (Cz))
(MOSQUITOES,
same)

EXCERPTA MEDICA Sec.4 Vol.10/4 Microbiology Apr 57

883. SLONIM D. and SLONIMOVÁ M. Úst. Lék. Mikrobiol. a Imunol. KU, Praha.
~~Príspevek~~ k diagnostice chripky vazbou komplementu. A contribution
to the diagnosis of influenza by means of complement-
fixation ČSL. EPIDEM. MIKROBIOL. IMUNOL. 1956, 5,3 (125-132)
Graphs 4 Tables 11

Complement-fixation using high dilution of antigen and a relatively large quantity of complement and incubation at +4° C. for 15-18 hr. is a method which keeps perfect sensitivity and specificity in detecting specific antibodies, and as long as an antigen of low capacity is not used it is a system of considerable stability. It is well known that allantoic fluids of chick embryos infected with influenza viruses may be used as antigens in complement-fixation. It is shown here that there exists correlation between their haemagglutination titre and the titre of complement-fixing antibodies; thus it is possible to determine the antigenic capacity of allantoic fluids which are to be used in complement-fixation by means of haemagglutination. If we dilute allantoic fluids so that they contain 160-320 haemagglutination units in 0.5 ml. they represent a suitable antigen for complement-fixation because these dilutions correspond to 32-64 U. of antigen, which is the optimal dilution of antigen for the determination of specific antibodies by means of complement-fixation. Similarly as with the influenza viruses these findings may also be applied for the work with the mumps virus (amniotic fluid).

SLONIM, D.

EXCERPTA MEDICA Sec.4 Vol.10/3 Microbiology Mar 57

632. SLONIM D. and KRAMÁŘ J. Inst. für Med. Mikrobiol. und Immunol., Med. Fak., Karls-Univ., Prag; Parasitol. Inst., Biol. Fak., Karls-Univ., Prag. *Versuch der Übertragung des Virus der tschechoslowakischen Zeckenencephalitis durch einige Mückenarten. Experiment for the transmission of virus of Czechoslovakian tick encephalitis through various species of gnats ZBL. BAKT., I. ABT. ORIG. 1956, 165/1 (64-68) Tables 4

The gnats *Culex pipiens pipiens*, *C. pipiens molestus*, *Aedes vexans* and *Anopheles messeae*, are allowed to become infected through the sucking of pads soaked with blood or mash of mouse brain containing the virus of the Czechoslovakian tick encephalitis. This virus retained its infectiousness within the gnats for 2 days only. This was proved through intracerebral transmission of squashed gnats on to mice weighing 10-12 g. No multiplication of this virus was observed within the 4 varieties of gnats investigated. Flamm - Vienna

SLONIM, D

EXCERPTA MEDICA Sec 4 Vol.11/8 Microbiology Aug 58

1877. THE VIRUS OF CZECH TICK ENCEPHALITIS IN THE CHICKEN EMBRYO -
Das Virus der tschechoslowakischen Zecheencephalitis im Hühnerembryo -
Slonim D. Inst. f. Mikrobiol u. Immunol., Med. Fak., Karls-Univ.,
Prag - ZBL. BAKT., I. ABT. ORIG. 1957, 168/1-2 (1-9) Graphs 5 Tables 6
Adaption of the Czech tick encephalitis virus to embryonated eggs was achieved
by using infected mouse brain for inoculation. The virus could be passaged by the
allantoic, chorioallantoic or yolk sac route. Only tiny lesions of the chorioall-
antoic membrane are produced within 3 days after inoculation. Highest titres were
obtained by the 2 latter methods. The antigenic stability of the adapted material
was followed over 60 passages while a certain loss of pathogenicity for mice occur-
red after 70 passages. No differences were demonstrable between the viruses of
louping ill, Russian spring-summer encephalitis and Czech encephalitis so far as
chick embryo infection is concerned. Hennessen - Düsseldorf

SECRET, D.
SKVARIL, F.; SLONIM, D. (UHKT, Praha 12, Korunni 108.)

Determination of the content of antibodies against Czechoslovakian tick-borne encephalitis in rivanol gamma globulin and in ethanol II and III subfractions of convalescent human plasma. Cesk. epidem. mikrob. immun. 7 no.3:171-174 May 58.

1. Ustav hematologie a krevni transfuse, Vyzkumny ustav imunologie.
(ENCEPHALITIS, EPIDEMIC, immunology,
antibodies of Czech tick-borne encephalitis in rivanol
gamma globulin & ethanol subfractions II & III in convalescent
blood (Cz))

DREVO, M.; SPOUSTA, A.; BLASKO, B.; SLONIM, D.

Preparation of specific anti-influenza horse serum. Cesk. epidem. mikrob. immun. 7 no.3:175-181 May 58.

1. Vyzkumny ustav imunologicky, Biogena n. p.
(INFLUENZA, immunology,
immune specific antiserum, prep. (Cz))

SIONIM, Dimitrij; HLOUGAL, Ludvik

On the formation & persistence of complement fixing & virus neutralizing antibodies in tick-borne encephalitis. *Cesk. epidem. mikrob. imn.* 8 no.1:16-25 Jan 59.

1. Ustav lekarske mikrobiologie a imunologie **MU** v Praze Okresni ustav narodniho zdravi ve Strakoncich. D.S., Praha 12, Srobarova 48.

(ENCEPHALITIS, EPIDEMIC, immunol.

complement-fixing & virus-neutralizing antibodies, form. & persistence in tick-borne encephalitis (Cz))

SLONIM, Dimitrij; MICHL, Jiri; MAREK, Ivo; CINNEROVA, Olga; DREVO, Milan

Certain experiences with the preparation of inactivated poliomyelitis vaccine in Czechoslovakia. I. Glass, rubber, stainless material. Cesk. epidem. mikrob. imun. 8 no.5:289-298 Sept 59.

1. Ustav ser a ockovacich latek v Praze.
(POLIOMYELITIS, immunol.) (VACCINES)

SLOMIM, Dimitrij; MICHL, Jiri; CINNEROVA, Olga; MARES, Ivo; DREVO, Milan;
za spoluprace: STEPANOVA, E.; HAJKOVA, H.; JARKOVA, A.

Certain experiences with the preparation of the inactivated polio-
myelitis vaccine in CSR. II. Preparation of the medium. Cesk.
epidem.mikrob.imun. 9 no.2:111-121 Mr '60.

(POLIOMYELITIS immunol.)
(VACCINES)

SLONIM, D.; MARES, I.; DREVO, M.; CINNEROVA, O.; MICHL, J.; technical assistance:
HOLATOVA, M.; KOUDELKOVA, M.; KRAUSOVA, V.; SKUBAL, J.; ZLABOVA, Z.

Some experiences with the preparation of inactivated poliomyelitis
vaccine in Czechoslovakia. IV. The preparation of the vaccine. Acta
virolog. Engl. Ed. Praha 5 no.3:178-187 My '61.

1. Institute of Sera and Vaccines, Prague.

(POLIOMYELITIS immunol)

MARES, I.; DREVO, M.; SLONIM, D.

A study on the prevention of poliomyelitis virus adsorption on Seitz filter discs. Acta virol.Engl.Ed.Praha 5 no.4:220-227 J1 '61.

1. Institute of Sera and Vaccines, Prague.

(POLIOMYELITIS VIRUS culture)

SLONIM, D.; DREVO, M.

Specific virus-neutralizing activity of sera from chicks immunized with polioviruses. Acta virol. (Praha)[Eng] 7 no.6: 504-515 '63.

1. Dept. of Virology, Institute of sera and vaccines, Prague, Czechoslovakia.

(POLIOVIRUS VACCINE) (IMMUNIZATION)
(NEUTRALIZATION TESTS)

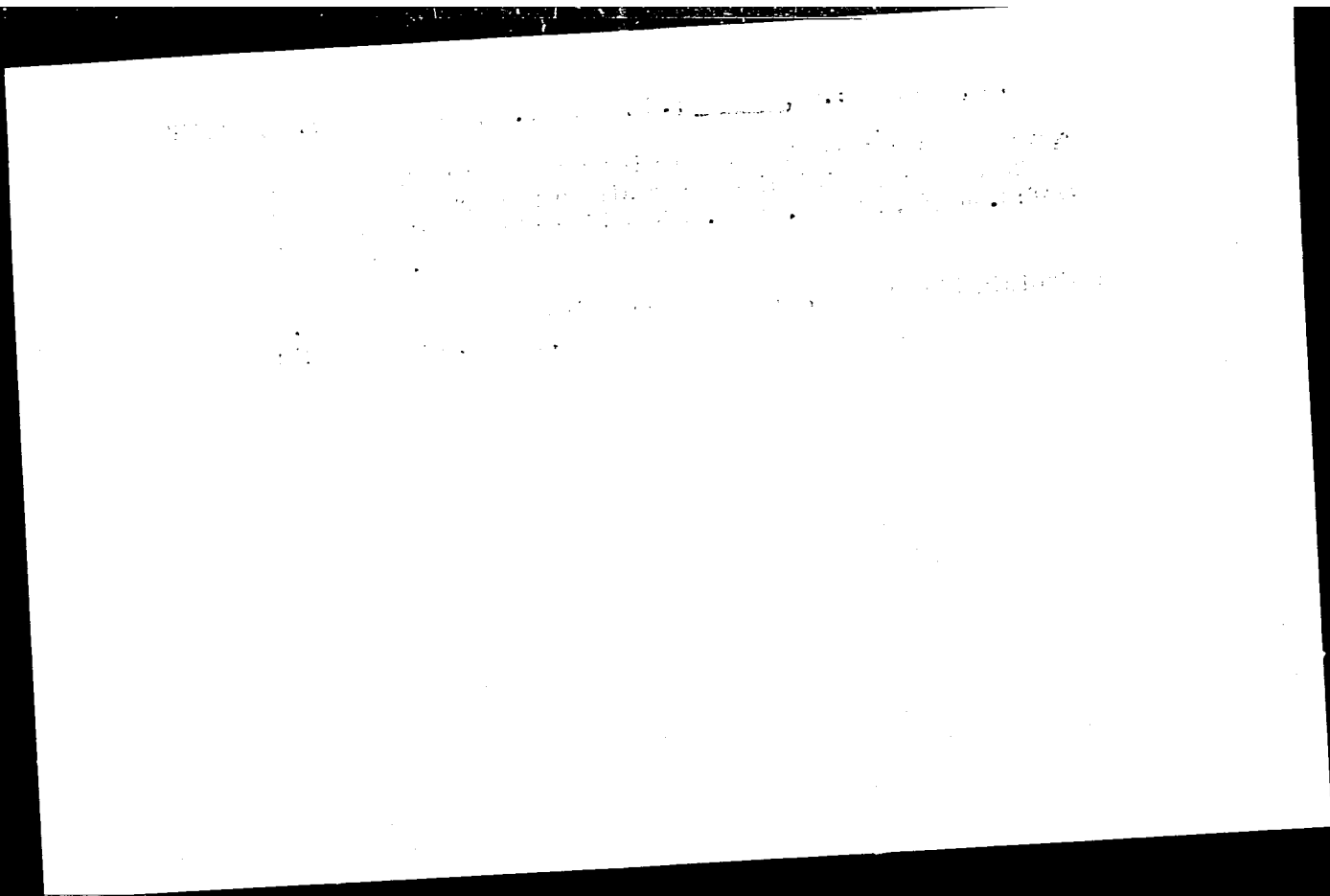
CZECHOSLOVAKIA

GRESLIKOVA, M., MALKOVA, D. and SLONIM, D. [Virology Institute of CSAV, Bratislava.]

"[Tick-Borne Encephalitis. Part] 8. Preparation and Use of Vaccines."
Bratislava, Biologicke Prace, Vol 8, No 9, 1962; pp 62-65.

Abstract [English summary modified]: Preparation of 3 vaccines is described: 'Hypr' strain had undergone 45 mouse passages, highly virulent; Grotka strain was passaged more than 143 times in chick embryos after some passages in mice. Inactivation was by 0.08% formalin mixed with 10% brain suspension, kept for 20 days at 4° centigrade.

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SOV/133-58-10-10/31

AUTHOR: Slonim, D.M., Engineer

TITLE: The Dependence of the Durability of Ingot Moulds and Ingot
Mould Bottoms on Their Design and Operating Conditions
(Zavisimost' stoykosti izlozhnits i poddonov ot kon-
struktsii i usloviy ekspluatatsii)

PERIODICAL: Stal', 1958, Nr 10, pp 894 - 899 (USSR)

ABSTRACT: Types of ingot moulds and methods of their placing on mould
bottoms used on the Zaporozhstal' Works are outlined and
illustrated and the influence of the above factors on the
mould life is discussed. It is concluded that placing of
moulds on the bottom in one row and with a close approach
of the wide faces to each other, sharply decreases the
durability of the moulds. The formation of transverse
cracks can be prevented by a corresponding increase in the
wall thickness of wide faces of ingot moulds. This can be
achieved most economically by a spherical shape of the
outside surface of the walls. With a correct ratio of the
width of wide and narrow faces and smooth transitions the
introduction of spherical thickening of wide faces
decreases the consumption of various ingot moulds by
11-24%. The durability of mould bottoms depends on the
distribution of ingots and teeming troughs, sharply

Card 1/2

SOV/133-58-10-10/31

The Dependence of the Durability of Ingot Moulds and Ingot Mould
Bottoms on Their Design and Operating Conditions

decreasing when the position of the trough coincides with the line of maximum thermal stresses (along the longitudinal axis of the bottom). Reinforcing with steel bandages cast into bottoms compensates the influence of unfavourably distributed ingots and thus increases the durability of bottoms. There are 6 figures and 4 tables.

ASSOCIATION: Zaved "Zaperozhstal'" ("Zaperozhstal'" Works)

Card 2/2

REEL

529

SLONIM, D. M.

END