

KABANOV, V.N., kand. tekhn. nauk (Sverdlovsk); VOL'F, A.M., inzh.
(Sverdlovsk); KUIIMOV, V.I., inzh. (Sverdlovsk)

New textbook on electric traction. Zhel. dor. transp. 45 no.11:
94-95 N '63. (MIRA 16:12)

DYAD'KOV, A.M., kand. tekhn. nauk, dotsent; KULMOV, V.I., inzh.

Traction characteristics of electric locomotives with compound
excitation. Trudy Ural. elektromekh. inst. inzh. zhel. dor.
transp. no.5:78-90 '62. (MIRA 17:8)

KUIMOV, V. I., inzh.

Characteristics of the performance of compound excitation
motors under the conditions of an attenuated field. Trudy
Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 5:103-
114 '62. (MIRA 17:8)

KULECVA, I.S., Cand Chem Sci---(disc) "Radiation-chemical oxidation
of methanol under the effect of fast electrodes." Mos, 1958. 10 pp
(Acad Sci USSR. Inst of Organic Chem in N.D. Zelinskiy), 119 copies
(SI, 25-58, 108)

-33-

KUIMOVA, N. I. Cand Med Sci -- (diss) "Complex methods of treating saotosalpinx."
Khar'kov, 1957. 19 pp 20 cm (Khar'kov State Med Inst), 200 copies. (KL, 15-57, 107)

KUIMOVA, N.I.

Microscopic, bacterioscopic, and serological studies of the contents
of a sactosalpinx. Sov. med. 23 no.5:42-46 My '59. (MIRA 12:7)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. V. I. Zdravomyslov)
Stavropol'skogo meditsinskogo instituta.

(SALPINGITIS

sactosalpinx, microscopic, bacteriol. & serol. studies of
content (Rus))

KUIMOVA, N.I., dotsent

Hypnotic suggestion therapy in early pregnancy toxemias. Vop.okh.
mat.i det. 7 no.8:46-48 Ag '62. (MIRA 15:9)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.A.
Nikol'skaya) Stavropol'skogo meditsinskogo instituta.
(HYPNOTISM--THERAPEUTIC USE) (PREGNANCY, COMPLICATIONS OF)

KUIMOVA, N. I., dotsent (Stavropol')

Hypnosuggestive therapy of chorea in pregnant women. Fel'd. i
akush. 27 no.6:32-33 Je '62. (MIRA 15:7)

(THERAPEUTICS, SUGGESTIVE) (CHOREA)
(PREGNANCY, COMPLICATIONS OF)

KUIMOVA, N.I., dotsent; DZHENDUBAYEVA, L.A., klinicheskiy ordinator

Surgical and conservative treatment of fibromas of the
uterus. Uch. zap. Stav. gos. med. inst. 12:272-273 '63.

(MIRA 17:9)

1. Kafedra akusherstva i ginekologii (zav. prof. A.A. Nikol'skaya)
Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

L 00002-07 nat(1) JA

ACC NR: AP6033276

SOURCE CODE: UR/0020/66/170/004/0970/0973

AUTHOR: Denisova, S. I.; Kuimova, T. F.; Menshikov, G. P.; Kraail'nikov, N. A. (Corresponding member AN SSSR)

ORG: Institute of Experimental and Clinical Oncology, Academy of Medical Sciences, SSSR (Institut eksperimental'noy i klinicheskoy onkologii Akademii meditsinskikh nauk SSSR); Institute of Microbiology, Academy of Sciences, SSSR (Institut mikrobiologii Akademii nauk SSSR)

TITLE: An antiphage, antitumor substance extracted from *Actinomyces globisporus* which specifically reacts with DNA ✓

SOURCE: AN SSSR. Doklady, v. 170, no. 4, 1966, 970-973

TOPIC TAGS: fungus, DNA, bacteriophage, neoplasm, amino acid

ABSTRACT: The antiphage action of a substance present in cultures of *Actinomyces globisporus* (strain 81) on various organic media was studied using special sensitive actinophage strains. This antiphage action is removed by high-molecular-weight DNA of the thymus or DNA from other sources (calf pancreas and herring sperm in these experiments), but low-molecular-weight products of enzymatic or acid hydrolysis of DNA of the thymus, RNA, and albumin do not neutralize the antiphage activity of strain 81. A water-soluble powder extracted from

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UDC: 612.396.17

L 08562-67

ACC NR: AP6033276

2

Actinomyces globisporus culture fluid was active against gram-positive bacteria (*Staphylococcus aureus*, 209, *Bacillus subtilis*, *Bacillus mycoides*, and *Sarcina lutea*), but was inactive with respect to gram-negative bacteria, yeasts, and fungi. It has been demonstrated that preparation 81 retards the growth of some transplanted animal tumors, such as Ehrlich ascites tumors, and cultures of human cancer cells. Analysis of preparation 81 shows the presence of amino acids and the sugars xylose, arabinose, and glucose, suggesting that the substance is a glucoprotein. Orig. art. has: 3 figures and 1 table. [W.A. 50]

SUB CODE: 06/ SUBM DATE: 07Jun66/ ORIG REF: 005/ OTH REF: 002

ve
Card 2/2

TIKHONENKO, A.S.; KUIKOVA, T.F.

Effect of fixation on the morphology of the phage of *Bacillus mycoides*. *Mikrobiologiya* 29 no.3:395-400 My-Je '60. (MIRA 13:7)

1. Laboratoriya elektronnoy mikroskopii AN SSSR.
(BACILLUS MYCOIDES) (BACTERIOPHAGE)

KRASIL'NIKOV, N.A.; KUIMOVA, T.F.

Inactivation of antiphagic antibiotics by nucleic acids. Dokl. AN
SSSR 138 no.4:938-940 Je '61. (MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Krasil'nikov).
(ANTIBIOTICS) (BACTERIOPHAGE) (NUCLEIC ACIDS)

KUIMOVA, T.F.; KRASIL'NIKOV, N.A.

Specificity of the inhibiting effect of DNA on the antiphagic antibiotic 81. Dokl.AN SSSR 145 no.6:1385-1388 Ag '62.
(MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
2. Chlen-korrespondent AN SSSR (for Krasil'nikov).
(NUCLEIC ACIDS) (ANTIBIOTICS) (BACTERIOPHAGE).

KUIMOVA, T.F.

Electron microscope observations on bacteriophagia in actinomyces.
Mikrobiologiya 31 no.3:490-492 My-Je '62. (MIRA 15:12)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni Lomonosova.
(ACTINOMYCES) (BACTERIOPHAGE)

KUINDZHI, A.A.

PODZEY, Anatoliy Vladimirovich; SULIMA, Andrey Mikhaylovich; FIRAGD, Valentin Petrovich; TSUKANOV, Ivan Semenovich; KUINDZHI, A.A., inzhener, retsenzent; STANKEVICH, V.G., inzhener, redaktor; BELITSKAYA, A.M., redaktor; SHCHERBAKOV, P.V., tekhnicheskii redaktor

[Technology of building aviation engines; the processing of principal parts and units] Tekhnologiya aviadvigatelsestroeniia; obrabotka osnovnykh detalei i uzlov. Pod red. A.V. Podzeia. Moskva, Gos. izd-vo obor. promyshl., 1957. 415 p. (MLRA 10:5)
(Airplanes--Engines)

KUINDZHI, B.

KUINDZHI, B., inzhener.

Hydraulic mining in open-pit mines of the Kuznetsk Basin. Mast.
vgl. 5 no.7:13-14 J1 '56. (MIRA 9:9)

1. Nachal'nik Bachatskoy kontory tresta Gidromekhanizatsiya.
(Kuznetsk Basin--Hydraulic mining)

S/051/62/012/002/006/020
E202/E192

AUTHORS: Kuindzhi, B.M., Igonin, L.A., Gribova, Z.P., and Shabadash, A.N.

TITLE: Photochromism and electron paramagnetic resonance of α -(o,p-dinitrobenzyl)-pyridine (I)

PERIODICAL: Optika i spektroskopiya, v.12, no.2, 1962, 220-223

TEXT: The authors discuss the mechanism of tautomeric radical conversions taking place in α -(o,p-dinitrobenzyl)-pyridine (I), caused by the exposure to light. (I) was prepared from α -(benzyl)-pyridine and recrystallized repeatedly from alcohol. The melting points of the yellow and violet forms were both the same (93 °C). I-N-CH₃- α -(o,p-dinitrobenzyl)-pyridine and N-CH₃- α -(o,p-dinitrobenzyl)-pyridine were also prepared, but neither of them showed any phototropic or paramagnetic properties. The e.p.r. spectrum was studied in a spectrometer with double modulation of the magnetic field and with synchronous detection and registration in the form of the first derivative. Arrangements were made to heat the sample directly in the resonator. The illumination was by unfiltered Hg-in-quartz lamp.

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Photochromism and electron ...

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E202/E192

The concentration of paramagnetic particles in (I) after two hours illumination was 10^6 , and the e.p.r. signal of the same had a width of about 50 oerst. showing a non-symmetric doublet with a g-factor equal approximately to that of a free electron. The change in the e.p.r. signal after illumination indicated the presence of two free radicals. This was further confirmed by the formation of the peroxy-radicals. It was concluded that the reversible change in colour and the appearance of paramagnetism in (I) was dependent on the tautomeric radical changes caused by exposure to ultraviolet radiation. There are 2 figures.

SUBMITTED: February 8, 1961

Card 2/2

KUINDZHI, N.N.

Amount of ascorbic acid in some fish species of the Ob'Basin. Vop.
pit. 21 no.3:83-84 My-Je '62. (MIRA 15:10)

1. Iz otdela gigiyeny pitaniye (zav. - prof. A.I.Shtenberg)
Instituta gigiyeny imeni F.F.Erismana, Moskva.
(ASCORBIC ACID) (YAMAL-NENETS NATIONAL AREA--FISHES)

DOERONRAVOVA, N.P.; KUINDZHI, N.N.

Nutrition and some aspects of metabolism in the native population
of the Far North. Probl. Sev. no.6:112-114 '62. (MIRA 16:8)

1. Moskovskiy institut gigiyeny imeni F.F. Erismana.
(RUSSIA, NORTHERN—NUTRITION)
(METABOLISM)

FRANCISKOVIC, V.; KUIS, M.; MARTINCIC, N.

Our results of resection therapy of pulmonary tuberculosis. Tuberkuloza, Beogr. 11 no.2:211-214 '59.

1. Vojna bolnica, Pula.
(PNEUMONECTOMY)

MARTINCIC, Nikola; KUIS, Milan; FRANCISKOVIC, Vinko

The problem of routine application of bronchography. Tuberkuloza,
Beogr. 11 no.3:371-374 '59.

1. Vojan bolnica, Pula
(BRONCHI radiogr.)

KUIS, Milan

Severe pleural and pulmonary complications in the epidemic of influenza during the fall of 1957. (Preliminary communication).
Tuberkuloza, Beogr. 11 no.3:390-392 '59.

1. Vojna bolnica, Pula.
(INFLUENZA compl.)

KUIS, Milan, dr.; FRANCISKOVIC, Vinko, dr.; MARTINCIC, Nikola, dr.

Intralobal pulmonary sequestration. Lijec. vjes. 84 no.3:259-263
'62.

1. Iz Vojne bolnice u Puli.
(LUNGS abnorm)

MARIN, S.; FRANCISKOVIC, V.; KUIS, M.; MATEJCIC, M.

Clinical and surgical evaluation of the operability of bronchial carcinoma. Tuberkuloza 17 n. 1/3:155-161. Ja-Ap'65.

1. Bolnica za tuberkulozu pluca, Icici; Kirurska klinika bolnice dr. Kucic, Rijeka; Grudno odeljenje opce bolnice, Fula; Rendgen zavod bolnice dr. Kucic, Rijeka.

KOMAN, A.A., inzh.; KUISH, A., inzh.

Preparing shipyards for the transition to the 7-hour working day.
Sudostroenie 25 no.1:67-69 Ja '59. (MIRA 12:3)
(Shipyards) (Hours of labor)

KUIISH, G.A., inzh.; KUZ'MENKO, V.K., inzh.

Improving the quality of design specifications. Sudestroenie 24
no.10:49-50 0 '58. (MIRA 11:12)
(Naval architecture--Specifications)

KUIISH, G.A., inzh.

Experience in mastering the technical processes used in
building the tanker "Peking." Sudostroenie 25 no.3:51-56
Mr '59. (MIRA 12:5)
(Tank vessels)

KUITSYN, N. M.

Gas-flame surface hardening of rolling mill rollers Moskva, Gos. nauch-
no-tekhn. izd-vo litry po chernoi i tevetnoi metallugrii, 1953. (mis 55-3487)
Collation of the original, as determined from the film: 70, 5 p.

Microfilm Slavic 369 T

TOSHKOV,As.; KUIUMDZHIEV,D.; NOEVA,K.

Penicillin and certain of its decomposition products as factors
responsible for morphological changes in some bacteria. Izv.
mikrob. inst.,Sofia no.11:191-199 '60.

(PENICILLIN pharmacol.)

(SALMONELLA pharmacol.)

(PROTEUS pharmacol.)

KUIUMDZHIEV, D.

Klippel-Feil syndrome (a patient with shortness of the neck).
Suvr. med. 14 no.3:82-83 '63.

(KLIPPEL-FEIL SYNDROME)

KUTUNDZHIEV, I.

Paratuberculosis (Johne's disease) in cattle in Bulgaria. Izv. mikrob. Inst., Sofia., Vol. 1, 1950. p. 61-74

1. Head of the Microbiological Institute of the Bulgarian Academy of Sciences.

OSL 19, 5, Nov., 1950

KUYUMDZHIEV, I.

KUYUMDZHIEV, I., KHRISTOFOROV, L.

Method of hemagglutination by colored antigen in the rapid diagnosis of brucellosis. *Izv. mikrob. Inst.*, Sofia., Vol. 1, 1950 p. 119-28

1. (Dr. I. Kuyumdzhiev—Head Director of the Microbiological Institute of the Bulgarian Academy of Sciences; Dr. L. Khristoforov—Specialist at the Central Veterinary Bacteriological Institute).

CLM 19, 5, Nov., 1950

KUIUMDZHIEV, II

ANGELOV, S., akad. prof. d-r; KUIUMDZHIEV, II., d-r

Investigations on new principles in active immunization against swine erysipelas with special reference to concentrated adsorption vaccine. Izv. mikrob. inst., Sofia Vol. 3:5-32 1952.

1. Direktor na Mikrobiologicheskia institut pri BAN (for Angelov)
2. Starshii nauchen sutrudnik v Mikrobiologicheskia institut pri BAN (for Kuiuudzshiev)

(ERYSIPELOID, prevention and control,
vacc.)

(VACCINES AND VACCINATION,
erysipeloid vacc.)

XUIUMDZHIEV, Il., d-r, st. nauchen sutrudnik.

New method of staining of the agent responsible for infectious agalactia, *Borrelomyces agalactiae*. *Izv. mikrob. inst.*, Sofia Vol.3:83-90 1952.

(PLEUROPNEUMONIA-LIKE ORGANISMS,
organism of agalactia of sheep & goats, staining)
(STAINS AND STAINING,
of organism of agalactia of sheep & goats)

KUIUMDZHIEV, Il., d-r

Selective method of staining of Mycobacterium tuberculosis as a modification of Halberg's method in Mycobacterium tuberculosis. Izv. mikrob. inst., Sofia Vol.3:91-100 1952.

(MYCOTUBERCULOSIS,
paratuberculosis, staining, Halberg's method)
(STAINS AND STAINING,
of Mycobacterium paratuberculosis, Halberg's method)

KULUNDENTSEV, IL.

"The chick embryo as a culture media for virosis" (p.75) PRIRODA
(Bulgarska Akademiia Na Naukite) Sofiya Vol 2 No 6 Nov/Dec 1953

SO: East European Accessions List Vol 2 No 6 Aug 1954

ANGELOV, St., akad. prof.; CHILOV, K., prof. d-r.; KUIUMDZHIEV, Il., d-r.;
PANAIOTOV, P., d-r; ZOGRAFSKI, B., d-r.

Considerations on Q fever in Bulgaria. Izv. mikrob. inst., Sofia
Vol.4:9-12 1953.
(Q FEVER, epidemiology,
in Bulgaria)

ANGELOV, St., akad. prof. d-r; KUIUMDZHIEV, Il., d-r

Q fever in animals and its relation to human infection in Bulgaria.
Izv. mikrob. inst., Sofia Vol. 4:23-32 1953.

(Q FEVER, epidemiology
in Bulgaria, zoonotic aspects)

KUIUMDZHIEV, Il., d-r., st nauchen sutrudnik

Origin and distribution of paratuberculosis in Samokov. Izv.
mikrob. inst., Sofia Vol.4:73-80 1953.

(MYCOBACTERIUM, infections,
paratuberculosis, Johne's dis. in Bulgaria)

KUIUMDZHIEV, Il., d-r., starshi nauchen sutrudnik

Etio-pathogenesis of necrotic nodular hepatitis in lambs with
ecthyma contagiosum. Izv. mikrob. inst., Sofia Vol.4:131-138
1953.

(ECTHYMA,
contagiosum in lambs, with necrotic nodular hepatitis)
(HEPATITIS,
necrotic nodular in lambs with ecthyma contagiosum)
(SHEEP, diseases,
necrotic nodular hepatitis with ecthyma contagiosum)

ANGELOV, St., akad. prof. d-r; KUIUMDZHIEV, Il., d-r; PANAIOTOV, P., d-r;
GRIGOROV, Iv.; KRUSTEVA, M.

Bibliography of bulgarian microbiology, immunology, and infectious
diseases. Izv. mikrob. inst., Sofia Vol.4:171-176 1953.

(MICROBIOLOGY,
in Bulgaria, bibliog.)

(IMMUNOLOGY,
in Bulgaria, bibliog.)

(INFECTIOUS DISEASES,
bibliog., in Bulgaria)

F-01000-11111, II.

ANGELOV, St., akad. prof. d-r.; KUIUMDZHIEV, Il., d-r.

Leptospirosis in domestic animals in Bulgaria and its relation to human leptospirosis. Izv.mikrob.inst., Sofia 5:27-44 1954.

(LEPTOSPIROSIS, epidemiology,
in Bulgaria, relation of animal to human infect.)

ANGELOV, St., akad. prof. d-r.; KUTUMDZHIEV, Il., d-r.; GULUBOV, S., d-r.

Investigation on diseases of wild animals with special reference
to hares, pheasants, partridges, and quails. Izv.mikrob.inst.,
Sofia 5:97-129 1954.

(COMMUNICABLE DISEASES, epidemiology,
in Bulgaria, in wild animals)

(ANIMALS, diseases,
communicable dis. in wild animals in Bulgaria)

KUIUMDZHIV, Il., d-r

An other product against avian *Pasteurella* infection; *agrossin-*
adsorbent concentrated vaccine. *Izv.mikrob.inst., Sofia. 5:157-174*
1954.

1. St. nauchen sutrudnik pri BAN.
(PASTEURELLA,
 avicida infect., vacc.)
(VACCINES AND VACCINATION,
 Pasteurella avicida infect.)

KUIUMDZHIEV, Il., d-r.

Consideration on ecthyma contagiosum and on its virus. Izv.mikrob.
inst., Sofia 5:175-190 1954.

1. St. nauchen sputrudnik pri BAN.
(ECTHYMA,
contagiosum, epidemiol. & virus)
(VIRUSES,
ecthyma contagiosum)

KUIUMDZHHV, Il., d-r

Somato-antigenic affinity of *Escherichia coli* to *Shigella viscosa*.
Izv.mikrob.inst., Sofia 5:207-213 1954.

(SHIGELLA,

viscosa, affinity to *E. coli*)

(*ESCHERICHIA COLI*,

affinity to *Shigella viscosa*)

KUIUMDZHIEV, II.

ANGELOV, St., akad. prof.; KUIUMDZHIEV, Il., d-r.; PANAIOTOV, P., d-r.
GRIGOROV, Iv.; KRUSTEVA, E.

Bibliography of works on microbiology, immunology, and infectious diseases published in Bulgaria during 1953. Izv.mikrob.inst., Sofia 5:481-492 1954.

(MICROBIOLOGY,
bibliog.)

(IMMUNOLOGY,
bibliog.)

(COMMUNICABLE DISEASES,
bibliog.)

ANGELOV, St., Akad., prof., dr.; ~~KUIUMDEHIEV, Il., dr.~~

Animal and human leptospirosis in Bulgaria with special reference
to causative species of Leptospira. Izv. mikrob. inst., Sofia no.
6:3-10 1955.

(LEPTOSPIROSIS, epidemiology,
in Bulgaria, frequency & types (Bul))

ANGELOV, S.; KUIUMDZHIEV, I.I.

Results of active immunization against agalactia contagiosa in sheep and goats. Izv. mikrob. inst., Sofia no.6:11-28 1955.

(PLEUROPNEUMONIA LIKE ORGANISMS, infections,
agalactia contagiosa, vacc. of sheep & goats, (Bul))
(GOATS, diseases,
agalactia contagiosa, vacc. (Bul))
(SHEEP, diseases,
same))

ANGELOV, St.; KUIUMDZHIYEV, Il.; GULUBOV, S.

Studies on Q fever in Bulgaria with special reference to correlation between enzootic and endemic consequences. Izv. mikrob. inst., Sofia no.6:29-46 1955.

(Q FEVER, epidemiology,
in Bulgaria, enzootic & endemic aspects (Bul))

KUIUMDZHIEV, I. , D-r., starshi nauchen suturdnik.

Production of acapsulogenic and avirulent variations of *Bacillus anthracis* by limited aeration of cultures. *Izv. mikrob. inst.*, Sofia no.6:51-64 1955.

(*BACILLUS ANTHRACIS*, culture,
prod. of avirulent & acapsulogenic strains by limited
aeration (Bul))

KUIUMDZHI EV, Il, dr.

Studies on urease activity of Brucellas. Izv. mikrob. inst.,
Sofia 7:47-56 1956.

1. St. nauchen sutrudnik.
(AMIDASES, metabolism,
urease in Brucella (Bul))
(BRUCELLA, metabolism,
urease (Bul))

ANGELOV, S., Akad., prof.; KUIUMDZHLEV, I., dr.; PAHAJOTOV, P., dr.;
GRIGOROV, I.; KRUSTEVA, E.

Bibliography of Bulgarian literature on microbiology, immunology,
and infectious diseases published during 1954. Izv. mikrob. inst.,
Sofia 7:141-151 1956.

(MICROBIOLOGY,
bibliog. (Bul))
(IMMUNOLOGY,
same)
(COMMUNICABLE DISEASES,
same)

KUIUMDZHIEV, I.

"Ornithosis in certain birds (pigeons) in Bulgaria."

IZVESTIIA. SERIIA EKSPERIMENTALNA BIOLOGIIA 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

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Leptospirosis in animals and man in relation to Leptospirae. Izv. Mikrob.
inst., Sofia no.8:3-11 1957.
(LEPTOSPIROSIS, epidemiol.
in Bulgaria)

ANGELOV, St., Akats.; KUIUMDZHIEV, Il., Dr.; GULUBOV, S., D-r.; NIKOLOV, P., D-r.

Territorial spread of Q-fever in animals and men in Bulgaria. Izv. Mikrob.
inst., Sofia no.8:13-28 1957.

(Q FEVER, epidemiol.
in Bulgaria)

ANGELOV, St., Akad.; KUIUMDZHIEV, Il., D-r.; GULUBOV, S., D-r.; NIKOLOV, P., D-r.;
BAKHCHIEVANOV, Avg., D-r.

Spread of Q-fever among slaughter-house workers in Bulgaria. Izv. Mikrob.
inst., Sofia no.8:29-34 1957.

(Q FEVER, epidemiol.

in slaughter-house workers in Bulgaria)

(SLAUGHTERING AND SLAUGHTERHOUSES

Q-fever in slaughterhouse workers in Bulgaria (Bul))

KUIUMDZHIEV, Il., D-r., st. n. sutrudnik.

Macroscopic culture aspects and microscopic morphology of *Micromyces agalactiae*. A. Microscopic morphology of the colony of *Micromyces agalactiae*. *Izv. Mikrob. inst., Sofia no.8:80-86 1957.*

(MICROORGANISMS

Micromyces agalactiae, microscopy)

KUJUMDZHIEV, Il., D-r.

The capacity of micromyces agalactiae to reduce some stains. Izv. Mikrob. inst., Sofia no.8:89-93 1957.

(MICROORGANISMS

Micromyces agalactiae, capacity to reduce stains)

(STAINS AND STAINING

stain reduction by Micromyces agalactiae)

KUIUMDZHLEV, Il., D-r.

Duration of vitality and virulence of *Micromyces agalactiae* in liquid and in solid media. *Izv. Mikrob. inst.*, Sofia no.8:97-98 1957.

(MICROORGANISMS, culture

micromyces agalactiae, life time & virulence in liquid & solid media)

KUIUMDZHIEV, I.

Effect of lyophilization on the culture of *Micromyces agalactiae*. Izv.
Mikrob. inst., Sofia no.8:99-102 1957.

(MICROORGANISMS

Micromyces agalactiae, eff. of lyophilization)

KUIUMDZHIEV , Il. D-r.

Paracholera (vibrionic cholera) in birds caused by *Vibrio metschnikovi* in Bulgaria. *Izv. Mikrob. inst.*, Sofia no.8:103-110 1957.

1. St. nauchen sutrudnik v BAN.

(CHOLERA

paracholera in birds in bulgaria, isolation of *Vibrio metschnikovi*)

(BIRDS, diseases,

paracholera caused by *Vibrio metschnikovi* in Bulgaria (Bul))

KUIUMDZHIEV, I.

Diagnostic titer in Q fever with a case of extremely high titer in Q fever in Bulgaria. Suvrem. med., Sofia 8 no.5:80-83 1957.

1. Iz Mikrobiologichnia institut pri BAN (Direktor: akad. St. Angelov).
(Q FEVER, diagnosis,
complement fixation titer (Bul))

ANGELOV, S.; KULUMDZHIEV, I.

Human and animal leptospirosis in Bulgaria and survey of causative strains of Leptospira. IV, Izv. Mikrob. inst., Sofia no.9:3-8 1958.
(LEPTOSPIROSIS, epidemiology,
in Bulgaria (Bul))

ANGELOV, S.; KUIUMDZHIEV, I.; GULUBOV, S.; NIKOLOV, P.

Investigations on morphology, biology and immunobiology of Mycobacterium tuberculosis muris and Graub's Mycobacterium tuberculosis bovis. Izv. Mikrob. inst., Sofia no.9:9-21 1958.

(MYCOBACTERIUM TUBERCULOSIS BOVIS,
morphol., biol. & immunol. (Bul))

(MYCOBACTERIUM TUBERCULOSIS,
muris, Graub's strain (Bul))

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23-3-2/5

SUBJECT: USSR/Fuel, Oil Shale

AUTHORS: Gubergrits, M.Ya, Candidate of Technical Sciences, and Kuiv, K.A.

TITLE: Investigation of the Dynamics of Kukersite-Oil Shale Heating with One-Sided Heat Supply (Izucheniye dinamiki nagreva slantse-kukersita pri odnostoronnem podvode tepla)

PERIODICAL: Izvestiya Akademii Nauk Estonskoy SSR, Seriya Tekhnicheskikh i Fiziko-Matematicheskikh Nauk, 1957, # 3, pp 219-228 (USSR).

ABSTRACT: The process of oil shale thermal treatment is closely connected with time-changes of temperature field characteristics, both in a single piece and in some section of lump (or granular) material. The present article describes and discusses results of an experimental investigation of the dynamics of a thermal field changing in a lump and in a layer of granular oil shale under condition of linear propagation of the thermal flux. In practice, the problem is reduced to the reproduction of temperature field changes in a semi-bounded rod with one-sided heat supply. The thermal flux propagates along the normal to the isothermal heating surface.

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