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AUTHOR: Nestorov, G.

TITLE: Ionospheric absorption of medium and long waves at the time of the total solar eclipse

SOURCE: B"lgarska akademiya na naukite, Geofizichen institut, Izv., v. 4, 1963, 85-98

TOPIC TAGS: absorption, D region, E layer, eclipse, electron density, frequency dependence, ionosphere, long wave, medium wave, propagation, reflection coefficient

ABSTRACT: The ionospheric reflection coefficient was continuously recorded, day and night, during the month of the eclipse (February 1961) by a network of observation stations (Central and Southeastern Europe) in a frequency range from 155 to 6037 kilohertz, with oblique incidence of the electromagnetic wave. Behavior of the lower ionosphere could thus be studied comprehensively at the time of the eclipse (15 February) and during a control period lasting from 20 days to a month. Measurements of the reflection coefficient of medium and long waves in the lower ionosphere at the time of the eclipse afforded an opportunity to discover certain significant peculiarities in the method of determining differential and total absorption in the

Card 1/4 2

STANULOV, N.; NESTOROV, G.

A statistical conclusion in the theory of radio wave propagation.
Doklady BAN 16 no.2:141-144 '63.

1. Geophysikalisches Institut der Bulgarischen Akademie der
Wissenschaften. Vorgelegt von Akademiemitglied I. Krastanov
(Krustanov, L.).

NESTOROV, G.; TAFRADZIEVA, B. [Tafradzhieva, B.]

The phase and amplitude sudden fluctuations of the total electromagnetic field in the range of long waves. Doklady BAN 16 no.2:133-136 '63.

1. Geophysikalisches Institut der Bulgarischen Akademie der Wissenschaften. Vorgelegt von Akademiestmitglied L. Krastanov [Krustanov, L.].

NESTOROV, G.

Absorption in the lower ionosphere, and profile of electron density during the solar eclipse of February 15, 1961. Doklady BAN 16 no.1:31-34 '63.

1. Geophysikalisches Institut der Bulgarischen Akademie der Wissenschaften. Vorgelegt von Akademiemitglied L. Krastanov [Krastanov, L.].

NESTOROV, G.

Determination of Pulsating Voltage Amplitudes. "RADIO" Ministry of
Communications, #7-8:68:Aug. 55

NESTOROV, A.

Short Wave Operator's Section - Achievements and Weaknesses. In
Radio Engineering, No. 1:17 Jan 55

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In a table, among the important conclusions which can be drawn from such profiles is that the D region is an ionized formation situated in the lowest part of the ionosphere and has a smooth transition into the normal E layer. Even at the highest of the recorded values the electron density gradient in the D region is much less than in the E layer. The constructive profiles show a weakly expressed maximum whose position correlates with the solar zenith angle. The examples presented in this paper confirm the applicability of the method to the winter D region as well and indicate the possibility of a systematic and continuous observation of the profile of the D region. The method makes it possible to study the structure of the ionosphere and the balance of this ionosphere studied part of the ionosphere from the ground.

ASSOCIATION OF SCIENTISTS AND ENGINEERS, Institute of Radio Physics and Electronics, Academy of Sciences of the USSR, Moscow, U.S.S.R.

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SERAFIMOV, K.; NESTOROV, G.

Theory of the method of determining electron density distribution
in the ionospheric D region. Doklady BAN 17 no.3:239-242 '64.

1. Vorgelegt von Akademiemitglied L.Krastanov [Krastanov, L.].

NESTCROV, A.

For better work of the radio short-wave operators during 1957. p.8.
(RADIO I TELEVIZIJA, Vol. 6, no. 3, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

NESTOROV, A.

Converted for range, ...

NESTOROV, A.

Nestorov, A. Achievements and shortcomings. p. 17. MB and UKB radio sets;
the MB superheterodyne receiver. p. 18. RADIO. SSSR. Vol. 4, no. 2, 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

pleural fluid in irradiated than in control rats. 2 tables.

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the Socialist Republic of Rumania (Republica Socialista a Republicii Republicii Socialiste Romania), POPESCU, Al., Dr, Col and GEORGESCU, C., Dr [affiliation not given]

"Immunofluorescence as a Method for the Identification of the Localization of Enteropathogenic Escherichia coli in Experimental Infection."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66, pp 723-725.

Abstract: The authors attempted to determine experimentally whether immunofluorescence is an effective means for determining the localization of E. coli in experimentally infected animals. The results were satisfactory, on condition that a very active fluorescent serum was used.
Manuscript submitted 6 April 1966.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); BARGER, Cella; POPOVICI, Marcella, POPESCU, Al., Colonel, Medical Corps; and GEORGESCU, Colette.

"Experimental Studies on Immunogenesis with Extracts of *Vibrio cholerae* in Producing Diagnostic Sera. Part 1: Studies on the Qualities of the Phenol Extracted Antigens"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 288-289

Abstract: Description of procedure to obtain the phenol extract of potentially diagnostic antigen, a polysaccharide from *Vibrio cholerae* strains 16147 Inaba and 16152 Ogawa, with uncertain or relatively unreliable results.

RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); STRATI, I., Lieutenant-Colonel, Medical Corps; and POPESCU, Al., Colonel, Medical Corps.

"Immunofluorescence in the Identification and Localization of the Infective Process in Experimental Melioidosis"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 285-287

Abstract: Description of sequence of lesions in rats and mice inoculated with any of three strains of *pseudomonas pseudomallei* by nasal or oral routes at different times after inoculation, in various organs, using fluorescence microscopy to detect the presence of the antigenic agent in the tissues.

1/1

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Sciences of the Republic of Romania (membru corespondent al Academiei Republicii Socialiste Romania); and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Observations on the Association of Chloramphenicol and Sulfonamide in Experimental *Pseudomonas pseudomallei* Infection"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 277-282

Abstract: Study in about 20 groups of rats, each 10 to 20 animals, indicated the combination of sulfaphenylpyrazole and chloramphenicol may be the most promising therapy for this infection. Table shows detail of 4 experiments with inoculation either subcutaneously or intraperitoneally with 100 million or 1 billion cells per ml in inoculum.

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"Contributions to the Study of Experimental Infections with *Pseudomonas pseudomallei*"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 264-272

Abstract: Report on studies with 10 strains of *Pseudomonas pseudomallei* in rats: virulence varied to a considerable extent; strains also changed in virulence following a few passages in rats. Administration of cortisone intensified the infection. In mice, the results were quite different. Details on histopathological lesions. 2 tables, 4 photomicrographs.

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phenylpyrazole which was considered the most promising drug in this action-sulfonamides generally are considered the most promising drug in this disease. Table shows detailed data with 2 strains of the infective agent in 7 experiments administered to a total of about 20 groups of rats, averaging 12 or so each group.

1/1

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of Socialist Republic of Romania (membru corespondent al Academiei Republicii Socialiste Romania); and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Some Considerations on Melioidosis"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 253-256

Abstract: Brief review of epidemiology and morbidity of melioidosis; spread during the Second World War in the Pacific theatre of operations, role of the physical efforts, treatment with sulfonamides and antibiotics especially with chloramphenicol. A number of authors are mentioned in the text.

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RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of the Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); CIPLEA, Al.; BONA C.; POTORAC, E.; URZICEANU, N.; Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 3 - Study of Nucleic Acids and Proteins Four Days in the Acute Phase (6 to 48 hours) of Severe Burns"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 110-114

Abstract: Histological and cytochemical study with various dyes of skin and kidneys of burned dogs indicates early intensification of lysosome activity; nucleic acids become degraded and many enzymes are released at pathological or pathogenic levels. 5 photomicrographs.

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RUMANIA

NESTORESCU, N., Prof. Dr., Member Correspondent of the Academy of the Socialist Republic of Rumania (membru corespondent al Academiei Republicii Socialiste Romania); CIPLEA, Al., BONA C., POTORAC, E., URZICEANU, N., Colonel, Medical Corps; and STRATI, I., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Burn Disease: Part 2 - Contribution to the Study of Changes in the Spinal and Peripheral Blood During the Course of the Severe Acute Phase of Experimental Burns, 24 to 48 hours after the Burn".

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 106-110

Abstract: Study of bone marrow cytology in dogs 24 and 48 hours after severe burns; trends in leukocyte and erythrocyte series are reported and discussed. There is a marked difference between the two stages, i.e., hemoconcentration with erythrocytosis first, turning later to anemia; exhaustion of reticulo-endothelial system is part of the second phase. 3 photomicrographs.

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SOURCE CODE: RU/0012/65/061/006/087/0378

AUTHOR: Nestorescu, N. (Professor; Doctor; Corresponding member Academy of the Socialist Republic of Rumania); Popescu, Al. (Colonel; Doctor) 25 B

ORG: none

TITLE: Immunofluorescence, a modern method for the rapid diagnosis of infectious diseases

SOURCE: Revista sanitara militara, v. 61, no. 6, 1965, 871-878

TOPIC TAGS: brucellosis, anthrax, rickettsial disease, medical equipment, infective disease, diagnostic medicine

ABSTRACT: The authors survey the general field of immuno-fluorescence, discussing its theoretical basis, techniques, and associated equipment and supplies, and summarize its chief applications in the diagnosis of infectious diseases such as salmonella and shigella attacks, brucellosis, anthrax, syphilis, rickettsioses, and enteroviroses. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 06 / SUM DATE: 13Jul65 / ORIG REF: 005 / OTH REF: 013
SOV REF: 001

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NESTORESCU, N.

Academician Marius Nasta. Microbiologia (Bucur.), 19 no.4:
375-376 J1-Ag '65.

NESTORESCO, N.; VLADOIANU, I.R.; DIMACHE, Gh. CHIRESCO, N.; BUZDUGAN, I.;
IANOPOL, Ligia; CARPIUC, V.; MARGINEANU, L.; SABIE, T.; ERATU, E.
BUSNEANU, Lidia.

Research on the efficacy of a typho-paratyphoid A and B vaccine administered orally in the form of dragees. Arch. roum. path. exp. microbiol. 23 no.3:523-530 S'63.

1. Institut "Dr. I. Cantacuzino", Service des Enterobacteriacees, Laboratoire du vaccin TAB, Bucarest (for Nestoresco, Vladoianu, Dimache, Chiresco). 2. Centre sanitaire antiepidemique de Suceava (for Buzdugan, Ianopol, Carpiuc, Margineanu, Sabie, Braitu, Busneanu).

NESTORESCO, N.

The ideas and epidemiological activities of Professor Ion Cantacuzino. Arch. roum. path. exp. microbiol. 23 no.3: 465-478 S'63.

1. Directeur Adjoint de l'Institut "Dr. I. Cantacuzino",
Bucarest.

NESTORESCU, N., prof. dr.

The life and work of Ion Cantacuzino. *Natura Biologie* 15
no.6:22-27 N-D '63.

1. Membru corespondent al Academiei R.P.R.

CIUCA, M., academician, BOPOLNI, Marcelino, NESTORESCU, N.,
ANDREESCU, Maria, NECHESCU, Colaba, IICARE, Iulian,
DRAGCEA, Tania, SEPILET, Nelu

Research on some genetic aspects of the biological evolution
of typhoid and dysenteriae bacilli, pathogenicity, clinical
course, animal model, epidemiology, etc.

Dr. Member correspondent of the Academy of Sciences, Dr. Andrei G.
COCILINNESCU and MARIA PHANAN, SCIENTIFIC

NESTORESCU, N., prof.

Professor I. Cantacuzino on the occasion of the centenary of his birth. Mikrobiologia (Bucur) 8 no.6:481-485 N-D'63

1. Membru corespondent al Academiei R.P.R., presedintele Societatii de patologii infectioase si epidemiologie.

*

POPOVICI, Marcella; NESTORESCO, N.; SZEGLI, Lucia; FILIPESCO, S.; BERCOVICI, C.;
IOSUB, C.; BESLEAGA, Virginia

Research with a view to extending the set of phages used in phage
typing of *S. typhimurium*. Arch. roum. path. exp. microbiol. 21
no.2:359-368 '62.

1. Institut "Dr. I. Cantacuzino" -- Bucarest (for Popovici, Nestoresco,
Szegli, Filipesco). 2. Institut d'Hygiene -- Jassy (for Bercovici,
Iosub, Besleaga).

(SALMONELLA TYPHIMURIUM) (SALMONELLA PHAGES)
(BACTERIOPHAGE TYPING)

NESTORESCO, N.; BERCOVICI, C.; IOSUB, C.; TUPA, Alexandra; BESLEAGA, Virginia

On a new specimen of Vi bacteriophage of *S. typhi*. Arch. roum. path.
exp. microbiol. 21 no.2:357-359 '62.

1. Centre National de Bacteriophages References -- Laboratoire des
Phages enteriques.

(SALMONELLA TYPHOSA) (SALMONELLA PHAGES)

CIUCA, M.; NESTORESCO, N.; POPOVICI, Marcella; TUPA, Alexandra

Observations on the phage typing of *S. typhi* and *S. paratyphi B*
in Rumania. Arch. roum. path. exp. microbiol. 21 no.2:351-356
'62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Centre National des
Bacteriophages -- References.

(SALMONELLA TYPHOSA)
(BACTERIOPHAGE TYPING)

(SALMONELLA PARATYPHI)
(SALMONELLA PHAGES)

POPOVICI, Marcella; NESTORESCO, N.; ALEXENCO, Ecaterina

Research on the relations between strains of Staphylococcus of lysotypes 80, 81 and 80/81, estimated from the characteristics of the endogenous phages. Arch. roum. path. exp. microbiol. 21 no.2:294-301 '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Centre National de Bacteriophage-References.

(STAPHYLOCOCCAL PHAGES) (STAPHYLOCOCCUS)

NESTORESCO, N.; CRACEA, E.; TUPA, Alexandra; SZEGLI, Lucia

Role of amino acids and purine and pyrimidine bases on the adsorption of bacteriophages of the Vi type on lysosensitive *S. typhi*. Arch. roum. path. exp. microbiol. 21 no.2:267-272 '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Centre National de Bacteriophages-References.

(SALMONELLA PHAGES)	(SALMONELLA TYPHOSA)
(AMINO ACIDS)	(PURINES) (PYRIMIDINES)

NESTORESCO, N.; POPOVICI, Marcella; FILOTI, Aurica; NOVAC, Stela; VLADOIANU, I.R.; BADULESCO, Elena; DIMACHE, Gh.; TACO, D.; DOHOTARU, V.; BERCAN, A.

Characteristics and incidence of Salmonella of the "C" group in the pigs used for the preparation of the swine pest virus. Possible relation to human Salmonella infections. Arch. roum. path. exp. microbiol. 21 no.1:81-87 Mr '62.

1. Institut "Dr. I. Cantacuzino" (for Nestoresco, Popovici, Filoti, Novac, Vladicanu, Badulesco, Dimache).
 2. Institut Pasteur -- Bucarest (for Taco, Dohotaru, Bercan).
- (SWINE DISEASES) (SALMONELLA INFECTIONS, ANIMAL)

POPOVICI, Marcella; NESTORESCO, N.; ALEXENCO, Ecaterina; SOARE, Luiza;
GHIONI, Elena; ALESSANDRESCO, D.; TEODORU, G.

Influence of the cyclic use of antibiotics on the characteristics of
staphylococci in a maternity hospital. Arch. Roum. path. exp. microbiol.
20 no.3:393-398 S '61.

1. Institut Dr. I. Cantacuzino Service des Enterobacteriacees (for
Popovici, Nestoresco, Alexenco, Soare, Ghioni. 2. Maternite Polizu
(for Alessandresco, Teodoru).
(STAPHYLOCOCCUS pharmacology) (ANTIBIOTICS pharmacology)

NESTORESCO, N.; ALEXENCO, Ecaterina; GEORGESCO, Colette; TUPA, Sanda;
SZEGLI, Lucia; CARFE, Ileana

Characteristics of the antibiotic resistance of certain strains of Staphylococcus and Salmonella isolated from patients undergoing antibiotic treatments. Arch. Roum. path. exp. microbiol. 20 no.3: 381-385 S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service des Enterobacteriacees.

(STAPHYLOCOCCUS pharmacology) (SALMONELLA pharmacology)
(ANTIBIOTICS pharmacology)

NESTORESCO, N.; POPOVICI, Marcella; FLORESCO, D.; BADULESCO, Elisabeta;
RACOVITA, D.C.; THOMAS, Emilia

Antibiotic sensitivity of germs of the Proteus group isolated from humans and its relation to their antigenic structure. Arch. Roum. path. exp. microbiol. 20 no.3:376-379 S '61.

1. Institut "Dr. I.Cantacuzino" Service des Enterobacteriacees
(for Nestoresco, Popovici, Floresco, Badulesco. 2. Clinique Chirurgicale
I Hopital Panduri.(for Racovita, Thomas).
(PROTEUS pharmacology) (ANTIBIOTICS pharmacology)

NESTORESCO, N.; GRIGORIU, T.; BADULESCO, Elisabeta; SOLOMON, I.; BARBU, A.;
VASILIU, Ecaterina; IONESCO, Maria; CALOMFIRESCO, A.; BUCURMINAU, P.;
ALLESEANU, Gh.; PANAITESCO, Gh.

The specific resistance produced by typhoid-paratyphoid vaccination compared with the immunity status of former typhoid fever patients as a criterion of evaluation of the effectiveness of T.A.B. vaccine. Arch. Roum. path. exp. microbiol. 20 no.3:321-325 S '61.

1. Institut "Dr. I. Cantacuzino" (for Nestoresco). 2. Section de Bacteriologie du Centre Sanitaire antiepidemique de Bucarest (for Grigoriu, Badulesco, Solomon, Barbu Vasiliu, Ionesco). 3. Section d'Epidemiologie du Centre Sanitaire antiepidemique de Bucarest.
(TYPHOID immunology) (PARATYPHOID FEVERS immunology)

CIUCA, M., acad.; NESTORESCU, N., prof.; POPOVICI, Marcella, dr.;
AGAVRILLOAEI, Aspasia, dr.

Resistance of bacteria to chemotherapeutic agents, with special
reference to antibiotics. Med. inter., Bucur 13 no.6:827-844
Je '61.

(BACTERIA pharmacology) (ANTIBIOTICS pharmacology)
(NITROFURANS pharmacology) (SULFATHIAZOLES pharmacology)

NESTORESCU, N., prof.; POPOVICI, Marcela; ALEXENCO, Ecaterina

Studies on the relation between induced resistance of staphylococci in vitro under antibiotic substance influence and their sensibility in the presence of specific phages. Microbiologia (Bucur) 6 no.1:55 Ja-F '61.

*

CIUCA, M., acad.; NESTORESCU, N., prof.; BRUCKNER, Silvia, conf.; POPOVICI,
Marcela; ALEXENCO, Ecaterina; SARAGEA, Alice; ELIAN, Marius; MEITERT,
Eugenia

Research on fago-bacterial systems in the rhinopharyngeal ecology. Pt.2.
Microbiologia (Bucur) 6 no.1:54-55 Ja-F '61.

*

NESTORESCU, N.. prof.

Progress in microelectronics research in our country. Microbiologia
(Bucur.) 9 no.22 (1978) p.10-11

1. Membru corespondent al Academiei Republicii Populare Romane
Presedintele Societatii de Tehnologie si Informatica si de In-
dustria U.S.S.M.

EXCERPTA MEDICA Sec 4 Vol 12/5 Med. Micro. May 59

1242. DETERMINATION OF THE SOURCE AND MODE OF TRANSMISSION OF CASES IN STAPHYLOCOCCAL INFECTIONS IN HOSPITALS - Recherches sur la détermination de l'origine et de la filiation des cas. dans les infections a staphylocoques parues en milieu hospitalier - Nestorescu N., Popovici M., Novac S., Cheptea A. and Alexencu E. - ARCH. ROUM. PATH. EXP. MICROBIOL. 1957, 16/1 (69-76)

Many lysogenic strains were isolated from patients and hospital staff. The most prevalent strains belonged to group III. It was established that among the patients without staphylococci at the time of hospitalization, the carrier rate increased rapidly up to 33.4%.

Unat - Istanbul (IV, 17)

RUMANIA/Virology. Bacterial Viruses (Phages).

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Abs Jour: Ref Zhur-Biol., NO 14, 1958, 62065.

Author : Ciucă, M.; Popovici, M.; Nestorescu, N.; Iliescu, M.;
Meiterti, T.

Inst :

Title : Comparative Study of the Properties of the Symbiotic
Phage Obtained from the Product of Lysogenation of
the Strains Shigella Flexneri and the Phage Lyso-
genating this Culture.

Orig Pub: Studii și cercetări inframicrobiol., microbiol.
și parazitol , 1957, 8, No 1, 9-13.

Abstract: 80 strains of Sh. flexneri were subjected to the
action of the dysentery polyphage, which is able to
lyse Sh. flexneri, Sh. sonnei "S" and Sh. sonnei
"R". Sh. shigae, Salmonella typhi 0901 and Escheri-

Card : 1/2

NESTORESCU, N.

CIUCA, M., Academician; NESTORESCU, N.; ILIESCU, M.

Incidence of lysogenic strains of *Shigella flexneri* and their lysogenic power. Stud. cercet. inframicrobiol., Bucur. 7 no. 3-4:471-476 July-Dec 56.

1. Comunicare prezentata in sedinta Institutului de inframicrobiologie al Academiei R.P.R.

(SHIGELLA

flexneri, lysogenic strains, incidence & lysogenic power)

CIUCA, M., Academician; NESTORESCU, N.; POPOVICI, M.; TULPAN, G.

Study of the biology of bacteriophages; details of the spectrum of lysogenic activity of the H-delta enteric phage after prolonged maintenance in symbiosis with Coli M 1920. Stud. cercet. inframicrobiol., Bucur. 7 no.1-2:17-33 Jan-June 56.

(BACTERIOPHAGE

H-delta enteric phage, lysogenic activity after prolonged symbiosis with Coli M 1920)

NESTORESCU, N.

RUMANIA/Microbiology - Medical and Veterinary.

P-4

Abstr Jour : Ref Zhur - Biologiya, No 7, 1957, 26380

Author : Ciuca, M., Nestorescu, N., Popovici, M.
Inst :

Title : A Study of Escherichia Coli Strains of O₂₆B₆ Type,
Isolated in Patients during an Outbreak of a Disease
with a Toxicoseptic Syndrome.

Orig Pub : Comun Acad RPR, 1956, 6, No 3, 471-476

Abst : No abstract

Card 1/1

RUMANIA / Microbiology. Microbes Pathogenic to Man and F-5
Animals. Bacteria. Bacteria of the Intestinal
Group.

Abs Jour: Ref Zhur-Biol., No 13, 1958, 72124.

Abstract: are encountered among 5.7% of healthy children.
To determine the degree of spread of the given
types of E. coli, investigations were conducted
of feces in healthy animals (pigs, cattle, sheep,
cats, rabbits, guinea pigs, monkeys, chickens) and
flies. Type C₂₆^B₆ is most encountered in almost
all the above-mentioned animals. It is not found
in guinea pigs. -- S. N. Fays.

Card 2/2

RUMANIA / Microbiology. Microbes Pathogenic to Man and F-5
animals. Bacteria. Bacteria of the Intestinal
Group.

Abs Jour: Ref Zhur-Biol., No 19, 1958, 72134.

Author : Nestor scu, N.; Popovici, R.; Novac, S.; Mircescu,
S.; Cheptea, R.

Inst : Not given.

Title : Study of the Spread in Rumania of Several
Types of Intestinal Bacillus Causing Enteritis
in Children.

Orig Pub: Rev. microbiol., parazitol. si epideziol., 1958,
1, No 1, 54-57.

Abstract: In Rumania, several types of intestinal
bacillus which play an important role in the
etiology of enteritis in children, especially in
the appearance of a toxic-septic uraemic syndrome,

Card 1/2

ROMANIA / Microbiology. Microbes Pathogenic to Man and F-5
Animals. Bacteria. Bacteria of the Intestinal
Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72123.

Abstract: intestinal bacillus (5.7%) were isolated and identified from the healthy children. Of them, 3.1% of the strains belonged to type O111:B4, 2.2% - to the type of O25:B5 and 0.4% - to the type O96:B7. Of 300 cases of enteritis, 200 were sporadic illnesses; 100 of these children were hospitalized. Among the latter, in 24% of the cases a pathogenic serotype of intestinal bacillus O111:B4 was found. This type was also isolated from flies caught in boxes. Of the remaining 200 ill children, type O111:B4 was isolated in 5 cases, O55:B5 in one case, O96:B7 in another case and O23:B6 in 13 cases. -- From the authors' summary.

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RUMANIA / Microbiology. Microbes Pathogenic to Man and F-3
Animals. Bacteric. Bacteric of the Intestinal
Group.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72123.

Author : Nestorescu, N.; Popovici, M.; Povac, S.; Librescu,
S.; Cheptea, A. Nestorescu, N.; Popovici, M.;
Librescu, S.; Povak, S.; Cheptea, A. Gorun, V.

Inst : Not given.

Title : Investigation of Spread in Rumania of Serological
Types of Intestinal Bacillus Causing Enteritis
in Children.

Orig Pub: Rev. microbiol. parazitol. si epidemiol., Mosc,
1, No 2, 46-49; 49-53, 1, 4, 7, 11.

Abstract: The feces of 225 healthy children from 8 collect-
ives and of 300 children with enteritis were
studied. 13 strains of pathogenic serotypes of

Card 1/2

NEST, RESKU, N
USSR/Virology - Bacterial Viruses (Phages).

3-

the Jour : Ref Zhur - Dokl., No 5, 1958, 1960

Author : Chuke, N., Kostorets, H., Popovich, M., Tumen, G.

Inst : -

Title : The Problem of Phage Biology. Spectra Characteristics of
Lysogenic Activity of Intestinal Phage "Berta" after
Prolonged Holding in a State of Symbiosis with Strain
"Coil M 192".

Orig Lab : Zh. med. nauk SSSR, 1956, 2, No 2, 61-74

Abstract : As a result of action of strain "M. Daria" on Berta and
Chuke sensitive coil, a lysogenic culture "coil M" was
obtained in 1951. The authors studied the properties
of the phage mentioned after holding for 34 years in
"symbiosis" with coils of "coil M," and during which
period it was subjected to 3% consecutive inoculations.
The phages have properties which, according to
of 1951-52, lysogenic material of cultures of Berta and

Card 1/2

CIUCA, M., academician; POPOVICI, Marcela; NESTORSCU, N.; STREJAN, G.
VALERIU, A.; WEINBACH, R.

Ecological relationships between bacteriophages (double-stage
symbiotic and lytic) and Lyso-sensitive bacteria of the
Enterobacteriaceae family; conditions favoring the transfer of
lysogenesis between heterologous strains and species. Stud.
cercet. inframicrobiol., Bucur. 6 no.3-4:341-373 July-Dec. 1955.

(BACTERIOPHAGE

transfer of lysogenesis from E. coli to Salmonella typhosa
in combined cultures)

(ESCHERICHIA COLI

(same)

(SALMONELLA

(same)

NESTORESCU, N.; POPOVICI, M.

Studies conducted during the past 10 years in the field of digestive tract diseases at the Dr. I. Cantacuzino Institute of Epidemiology and Microbiology. Rev. igiena microb. epidem., Bucur. no.3:3-9 July-Sept 54.

1. Institutul de microbiologie si epidemiologie Dr. I. Cantacuzino.
(GASTROINTESTINAL DISEASES
research at epidemiol. & microbiol. institute in Rumania)

NESTORESCU, N

SORU, B.; NESTORESCU, N.; POPOVICI, M.; IONESCU, M.

A new test for differentiation of pathogenic staphylococci, the arginase test. Stud. cercet. inframicrobiol., Bucur. 8 no.3:395-409 1957.

(MICROCCUS PYOGENS

differentiation of pathogenic strains by arginase activity)

(AMIDASES, determination

arginase, in Micrococcus pyogenes, value in differentiation of pathogenic strains)

NIESTORESCU, N.

CIUCA, M.; POPOVICI, M.; NIESTORESCU, N.; ILIESCU, M.; MRITERT, T.

Studies of the characteristics of the symbiotic phage obtained by the lysogenization of strains of *Shigella flexneri* compared with the lytic phage, agent of such lysogenizations. Stud. cercet. inframicrobiol., Bucur. 8 no.1:9-13 1957.

(SHIGELLA

flexneri, symbiotic phage obtained by lysogenization, characteristics & comparison with lytic phage)

(BACTERIOPHAGE

Shigella flexneri symbiotic phage obtained by lysogenization, properties & comparison with lytic phage)

NESTORESCU, Emilia, lector univ.; HERLEA, Viorica, preparator

Antibiotics in the life of plants. St si Teh Buc 16 no.9:44-45
S '64

ZARNEA, G., dr., conf. univ.; NESTORESCU, Emilia, lector (Ierusalim)

Importance of fertilizers and their role in the increase of
agricultural production. Natura Biologie 15 no.4:11-17. 11-
Ag '63.

RUMANIA

ZARNEA, G. Dr, Univ Lect, and NESTORESCU, Emilia, Lect, Bucharest
(affiliation not given)

"The Role of Microorganisms in the Circulation of the Principal
Biogene Elements in Nature."

Bucharest, Natura. Seria Biologie, Vol 15, No 4, Jul-Aug 63,
pp 11-17.

Abstract: Gives a semitechnical description of the transfor-
mation of biogene elements alternatively from inorganic form
into organic ones and vice-versa, in a cycle in which the ac-
tivity of the microorganism regulates the transformations in
terms of the biological conditions of the soil. Discusses
specifically the cycling of nitrogen, carbon, sulfur, phospho-
rus and iron.

Includes 2 figures on the role of microorganisms in
the cycling of nitrogen and carbon.

L 18777-63

ACCESSION NR: AP3001813

autocorrelation function of the input. Assuming a gaussian distribution for the random inputs and outputs, it is shown how from the knowledge of the random distributions $x(t)$, $y(t)$; $R_x(\tau)$ and $R_{xy}(\tau)$ can be derived. A series of nomograms for calculating the correlation function and frequency response, and some examples on how to use them are given. Orig. art. has 18 figures, 13 equations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: MM

NO REF SOV: 008

OTHER: 004

Card 2/2

L 18777-63 EWT(d)/FCC(w)/BDS AFFTC/IJP(C)
ACCESSION NR: AP3001813 R/0011/63/007/002/0075/0087

AUTHOR: Nestorescu, D. (Engineer) 52

TITLE: A graphical-analytical method for determining the frequency response of a system by using stochastic process methods

SOURCE: Automation si electronica, v. 7, no. 2, 1963, 75-87

TOPIC TAGS: Graphical method, frequency response, random input, nomogram, approximative method, system.

ABSTRACT: A graphical method for finding the frequency response of systems is presented. The frequency response

$$Y(j\omega) = \frac{S_{xy}(j\omega)}{S_x(j\omega)} = \frac{\int_0^{\infty} e^{j\omega\tau} R_{xy}(\tau) d\tau}{\int_0^{\infty} e^{j\omega\tau} R_x(\tau) d\tau} \quad \text{where } R_{xy}(\tau) \text{ is the}$$

correlation function between the input and output of a system and $R_x(\tau)$ is the

Card 1/2

NESTORESCU, D., ing.

Some problems regarding the automation of working agent feeding
of continuous gas-lift wells. Automatica electronica 8 no. 2:
49-55 Mr-Ap '64.

NESTORESCU, D.

A method for calculation of characteristics of frequency of elements in automatic systems using the discrete records of parameter variation obtained during the production process. Bul Inst Petrol Rum no. 10:199-204 '63.

NESTORESCU, D.N.

Unitary method of calculation of frequency characteristics by statistic methods. Probleme automatiz 4:155-164 '63.

UZUN, Leonida, ing., conf.; NESTORESCU, Dumitru, ing.

Statistical methods of experimental determination of the dynamic characteristics of frequency. Automatica electronica 5 no.6: 259-266 N-D '61.

1. Conferentiar la Institutul de Petrol, Gaze si Geologie din Bucuresti (for Uzun) 2. Sef de lucrari la Institutul de Petrol, Gaze si Geologie din Bucuresti (for Nestorescu)

NESTORESCU, D.

TECHNOLOGY

PERIODICALS: STUDII SI CERCETARI DE ENERGETICA. Vol. 8, no. 1, 1958

NESTORESCU, D. Experimental results obtained by the new analytic method of calculating the coefficient of quadratic mean irregularity. p. 635.

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

NESTORSCU, D.

Stability of the feeding sources in the analogue calculating machines.
p. 304.

Academia Republicii Populare Romine. Institutul de Energetica.
STUDII SI CERCETARI DE ENERGETICA. Bucu esti, Rumain. Vol. 9,
no. 2, 1958.

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

Uncl.

NESTORESCH, D.

TECHNOLOGY

Periodicals: STUDII SI CONFERTARI DE ENERGIECA. Vol. 6, no. 1, 1957

NESTORESCH, D. A new electronic-amplifier setup sensitive to the phase of alternating current. p. 131.

Monthly List of East European Accessions (CEA!) IC, Vol. 8, No. 2,
February 1957, Unclass.

NESTORESCU, D.

A review of N. W. McLachlan's Theory and Application of Mathieu Functions.
p. 791

STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania. Vol. 7, no. 4, 1957

Monthly List of East European Accessions. (FIAT) LC, Vol. 8, no. 9, ^{Sept.} 1959
Uncl.

NESTORESCU, D.

Analysis of the power factor in circuits in series by means of variable parameters. p. 747

STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania, Vol. 8, no. 4, 1957

Monthly List of East European Accession. (SFAI) IC, Vol. 8, no. 9, ^{Sept.} 1959
Uncl.

PREDA, N., dr.; LILLIS, R., dr.; NESTOREȘCU, B., dr.; ROVENTA, Ana, chim.

Value of the elimination of lead induced by Ca-EDTA-Na2
in the diagnosis of saturnism. Med. Intern. (Bucur) 16
no.9:1109-1112 S '64.

1. Lucrare efectuata in Clinica de boli profesionale, Spitalul
"Colentina", Bucuresti.

DINISCHIOTU, G. T.; NESTORESCU, B.; RADULESCU, I.; IONESCU, C.; PREDA, N.;
ROVENTA, A.

Studies of the chemical forms in which lead is eliminated in the
urine. Med. int., Bucur. 7 no.4:64-71 Oct-Dec 55.

1. Institut de Igiena a muncii so boli profesionale RPR
Director: dr. G. T. Dinischiotu.
(LEAD, in urine
chem. forms of urinary lead, determ.)

NESTORESKO, N.; POPOVICI, Birsella; ALEXEHO, Ecaterina; THORN, P.

Contribution to the study of the factors of pathogenicity of staphylococci in relation to specific immunity. Pt. 2. Ann. Roum. path. exp. microbiol. 23 no.4:899-910 1964.

L. Travail de l'Institut "Dr. I. Cantacuzino" et de la Chaire de Microbiologie 11, Institut Medico-Pharmaceutique de Bucarest. Submitted June 15, 1964.

NESTORESCU, N.; POPESCU, Al.; GEORGESCU, Cosette

Identification of enteropathogenic *Escherichia coli* strains
of immunodeficiency. *Ann. Anon. Univ. Med. Bucur.*
23 no.4:997-1004, 1964.

1. Travail de l'Institut "Dr. I. Cantacuzino" et de la chaire
de Microbiologie II de l'Institut Médico-Pharmaceutique,
Bucarest. Submitted June 27, 1964.

DIMITRIU, C. Gh., prof.; NESTOR, R., dr.; TIEGERMAN, T., dr.

Rheumatoid gout. Med. intern. (Bucur.) 16 no.6:641-648 Je'64

Renal functional exploration, a criterion for individualization of the treatment of rheumatoid arthritis. Ibid. 649-652

1. Lucrare efectuata in Clinica medicala a Spitalului de adulti al raionului 30 Decembrie (director: prof. C.Gh.Dimitriu).

DIMITRIU, C.Gh., prof.; NESTOR, R., dr.; SCHLAFFER, B., dr.

Considerations on a case of disseminated lupus erythematosus of a pemphigoid type. Med. intern. 15 no.2:235-240 F '63.

1. Lucrare efectuata in Clinica medicala a Spitalului "I.C. Frimu",
I.M.F., Bucuresti.

(LUPUS ERYTHEMATOSUS, SYSTEMIC) (EDEMA) (ASCITES)
(NEPHROTIC SYNDROME) (BRONCHOPNEUMONIA) (PEMPHIGUS)

DIMITRIU, C. Gh., prof.; NESTOR, R., dr.

Physiopathology of spondylosis. Med. intern. 14 no.7:795-800 31
'62.

(SPINAL DISEASES) (PERIARTHRITIS)
(NEURALGIA) (BRACHIAL PLEXUS) (SHOULDER-HAND SYNDROME)

ILLEGIBLE

DIMITRIU, C. Gh., Conf.; NESTOR, Remus, Dr.

Peripheral ischemic syndrome following varicose disease of the
lower extremities. Med. int., Bucur. 9 no.7:1055-1060 July 57.
(VARICOSE VEINS, complications
peripheral ischemic synd., case reports)

DIMITRIU, C. G., Conf.; NESTOR, R., dr.; MIHAILESCU, Gh., dr.

Heparin therapy of chronic arteritis of the lower extremities.
Med. int., Bucur. 8 no.3:385-391 July 56.

1. Lucrare efectuata in Clinica de Balneologie I.P.S.M.F.
Spitalul "Brincovenescu."

(ARTERITIS, therapy
heparin, in chronic arteritis of lower extremities)

(HEPARIN, ther. use
arteritis, chronic, of lower extremities)

(LEG, diseases
arteritis, chronic, ther., heparin)

ILLEGIBLE

VIGIU, E.; POPESCU, M.; DORIN, E.; BERCEANU, St.; BELCHITA, A.;
NESTOR, R.

Study of blood protein disorders in rheumatismal endocarditis and
endocarditis lenta; their pathogenetic and clinical significance.
Probl. reumat., Bucur. Vol. II.:201-220 1954.

(BLOOD PROTEINS

disord. in rheum. endocarditis & endocarditis lenta)

(ENDOCARDITIS, SUBACUTE BACTERIAL, etiol. & pathogen.

blood protein disord.)

(RHEUMATIC HEART DISEASE, etiol. & pathogen.

blood protein disord.)

NESTOR, Kheldur Eduardovich; KAL'O, D.L. [Kaljo, D.], red.; ORVIKU, K.K., akademik, red.; BAUKOV, S.S., kand. geol. nauk, red.; MYANIL', R.M. [Männil, R.], kand. geol. nauk, red.; PALMRE, Kh.G. [Palmre, H.], kand. geol. nauk, red.; SKVORTSOVA, A., red.

[Ordovician and Llandoveryan Stromatoporoidea of Estonia]
Stromatoporoidei ordovika i llandoveryi Estonii. Tallinn, In-t geol. AN Estonskoi SSR, 1964. 111 p.

(MIRA 88:5)

1. Akademiya nauk Estonskoy SSR (for Orviku).

ROMANIA/Chemical Technology - Chemical Products and Their
Application - Treatment of Solid Mineral Fuels. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30092

Author : Barbu, I., Nestor, N., Stefanescu, I.
Inst : -

Title : Coke from Non-Coking Coals. Part III. Effect of the
Addition of Iron Ore.

Orig Pub : Rev Minerol, 7, No 6, 278-281 (1957) (in Romanian with
summaries in German and Russian)

Abstract : The author discusses on the basis of literature data the
possibility of the production of coke briquettes from
non-coking coals with the addition of Fe oxides (iron
ore and blast furnace dust).
For part II see RZKHim, 1957, 72450.

Card 1/1

42

S/023/60/000/003/005/012
C111/C222

AUTHOR: Nestor, Kh.

TITLE: Plumatalinia - a New Genus of Stromatoporoidea From the Upper Ordovician of the Estonian SSR ✓

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR, Seriya Tekhnicheskikh i Fiziko-Matematicheskikh nauk, 1960, No.3, pp. 225-228.

TEXT: In the Pirgu stage (F_{1c}) of the old quarry in the neighborhood of the village Niybi in the Rajon Haapsalu of the Estonian SSR the author discovered a new stromatoporoid genus Plumatalinia which belongs to the family Labechiidae Nicholson, 1879. Diagnosis: massive coenosteum (16 × 14 × 6 cm) with basal epitheca. The upper surface exhibits numerous round craters (depth 0.2-0.4 mm; diameter 0.4-0.5 mm); distances between the craters 1-1.5 mm. Inside the coenosteum there are round columns (length 1.5-8 mm, diameter 0.4-0.5 mm, distances from each other 1-1.5 mm). The columns are composed of a thin irregular network-tissue. The inter-columnar room is filled with vesicular tissue. The author mentions V. I. Yavorskiy and V. N. Ryabinin. There are 4 figures and 7 references: 2 Soviet, 1 Norwegian, 1 German, 2 American and 1 English.

ASSOCIATION: Institut geologii Akademii nauk Estonskoy SSR (Institute of Geology of the Academy of Sciences of the Estonian SSR)

SUBMITTED: March 24, 1960

Card 1/1

Medical

REBIOR, I., MD; SORELIJA-COHNARD, Maria, M.D.

Institute of Hygiene and Labor Safety of the A.S.R., Cluj
Branch and the Department of General Hygiene of the
Institute of Medicine and Pharmacy, Cluj. (Institutul
de Igiena si protectia sanatatii R.P.R., Filiala Cluj si
Catedra de Igiena generala a Institutului medico-farmaceutic,
Cluj) --(for all)

Bucharest, Igiena, Vol XII, No 2, Jan-Apr 63, pp 143-144.

"Comments on the use of Filtering Membranes in the
Bacteriological Analysis of Water."

(2)

RADULESCU, Eug.; NESTOR, I.; KOLOSZY, E.

Bacteria causing morbidity of beans in Rumania. Comunicarile
AR 12 no.4:435-439 Ap '62.

1. Membru corespondent al Academiei R.P.R. (for Radulescu).

NESTOR, I.D.

Changes produced by penicillin in Bacillus anthracis. Report
No.2: Appearance of coccoid variants. Antibiotiki 7 no.4:296-
305 Ap '62. (MIRA 15:3)

1. Kafedra mikrobiologii Mediko-farmatsevticheskogo instituta
(g. Kluzh, Rumynskaya Narodnaya Respublika).
(BACILLUS ANTHRACIS)
(~~SECRET~~)

NESTOR, I.D.

Penicillin-produced changes in Bac. anthracis. Report No.1:
Attempted production of the L-form bacteria. Antibiotiki
7 no.3:71-75 Mr '62. (MIRA 15:3)

1. Kafedra mikrobiologii mediko-farmatsevticheskogo instituta
g. Kluzh, Rumyanskaya Narodnaya Respublika.
(BACILLUS ANTHRACIS)
(PENICILLIN)

PAUNESCU, C., conf.; SEROPIAN, E., dr.; NESTOR, Georgeta, dr.; PAVEL, Irina,
interna

Some aspects of the diagnosis and treatment of lupus nephropathy.
Med. intern. 14 no.9:1087-1091 S '62.

1. Lucrare efectuata in Clinica medicala, Spitalul "Carol Davila",
Bucuresti.

(LUPUS ERYTHEMATOSUS, SYSTEMIC) (GLOMERULONEPHRITIS)
(NEPHROTIC SYNDROME) (PYELONEPHRITIS)

ILLEGIBLE

NESTOR, Al.

The World Congress for General Disarmament and Peace. Munca sindic
6 no.8:56-58 Ag '62.

NESTOR, Al.

The trade-union movement in Cuba. Munca sindic 6 no.6:52-56
Je '62.

CZECHOSLOVAKIA

SKODA, C.; NESLINGEROVA, E.; Krajska Mental Hospital (Psychiatricka Liecebna), Puzinok.

"Trifluoperazine in Chronic Schizophrenia."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 446 - 447

Abstract: Trifluoperazine (TEP) is effective in the treatment of chronic schizophrenia with the symptoms of withdrawal, apathy, and patient's behavior. Study of the drug in the treatment of 10 patients showed that TEP has a favorable effect in chronic schizophrenia. Its differential effect on autism and hypodynamy may be related to the prevalence of excitomotor extrapyramidal symptoms when compared to other types of phenothiazines, where generally the hypertonic-hypokinetic syndrome prevails. 1 figure, no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

SKODA, Citrad; technicka spoluprace SKROBALOVA, M.; NESTLINGEROVA, E.

Open door treatment of psychoses. II. Escapes and departures by male patients. Cesk. psychiat. 58 no.4:225-237 Ag '62.

1. Krajska psychiatricka liecobna v Pozinku.
(HOSPITALS PSYCHIATRIC) (PSYCHOSES)

BENETATO, Gr.; HAULICA, I.; NESTIANU, V.; BUBUIANU, E.; GARDEV, M.;
GHIZARI, E.; DUMITRIU, S.

Investigation of the relationship between cortical electric activity
and cerebral metabolism. Rev. sci. med. 7 no.1/2:13-22 '62.

1. Member of the Academy of the R.P.R. (for Benetato).
(CEREBRAL CORTEX) (GLUTAMINE) (BRAIN)

BENETATO, Gr., acad.; NESTIANU, V.; BENETATO, V.; MAIOR, O.

A study on the reversible denaturation of the proteins of the nervous system in relation to the functional capacity of the nerves. Studii cerc fiziol 6 no.2:177-191 '61.

1. Catedra de fiziologie I.M.F. Bucuresti si Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Redactor responsabil, "Studii si cercetari de fiziologie" (for Benetato).

(NERVOUS SYSTEM) (PROTEINS) (BIOCHEMISTRY)

KREINDLER, A.; CRIGHEL, E.; NESTIANU, V.

The phenomenon of enhancement of the secondary elicited response during deep barbiturate sleep. Rumanian M Rev. no.1:179-180 Ja-Mr '61.

1. The "I.P. Pavlov" Institute of Neurology, R.P.R. Academy.
(CEREBRAL CORTEX physiology) (SLEEP physiology)
(BRAIN STEM physiology)

KREINDLER, A.; CRIGHEL, E.; NESTIANU, V.

Studies on the mechanism of the appearance of secondary words
evoked by barbiturates. Rev. sci. med. 5 no.3/4:187-193 '69.
(BARBITURATES pharmacol.) (CEREBRAL CORTEX pharmacol.)