

PETRESCU, A.

ATANASIU-STROYESKU, P. [Atanasiu-Stroescu, P.]; PETRESCU, A. [Petrescu, A.];
GRUYA, M.

Experiments in controlled variability of the fowl plague virus (strain
863 adapted on mice). Vop. virus 4 no.1:76-80 Ja-P '59. (MIRA 12:4)

1. Institut inframikrobiologii, Bukharest.

(VIRUSES,

fowl plague virus, directed variability of strains adapted
in mice (Rus))

DEREVICI, A.; BRONITKI, A.; PETRESCU, A.

The antigenic power of the epidemic strains of influenza virus isolated in the Rumanian People's Republic in 1957-1958. Stud. cercet inframicrobiol., Bucur. 10 no.2:155-161 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 15 decembrie 1958.
(INFLUENZA VIRUSES, immunology)

MIRZA, L.; PETRESCU, A.I.; ATHANASIU-STROIESCU, P.

Influence of anti-influenza vaccination on vascular and respiratory non-conditioned reflexes. Stud. cercet inframicrobiol., Bucur. 10 no.2:163-172 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 24 mai 1958.

(INFLUENZA, prevention and control)

(REFLEX, pharmacology)

(RESPIRATION, pharmacology)

(BLOOD VESSELS, pharmacology)

(VACCINES, pharmacology)

BRONITKI, A.I.; PETRESCU, A.I.; ATHANASIU, P.

Research on the problem of "healthy" carriers of influenza virus.
Stud. cercet. inframicrobiol., Bucur. 10 no.2:207-211 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 15 decembrie 1958.
(INFLUENZA, transmission)

ATHANASIU, P.; PETRESCU, Al.; GRUIA, M.; SARATEANU, D.

Biological changes in a strain of influenza virus, cultured in mice vaccinated with antirabies vaccine. Stud. cercet. inframicrobiol., Bucur. 10 no.2:213-218 '59.

1. Comunicare prezentata la Simpozionul asupra epidemiei de gripa, Bucuresti, 4-5 decembrie 1958.

(INFLUENZA VIRUSES, culture)

(RABIES, immunology)

(VACCINES, pharmacology)

MINCULESCU, M.; TARGHILA, D.; CARNABU, S.; PETRESCU, A.; BRONITKI, A.

Study of the dynamics of the concentration of influenza virus
in the mouse lung. Stud. cercet inframicrobiol., Bucur. 10 no.2:
219-234 '59.
(INFLUENZA, experimental)

PETRESCU, A.I.; ATHANASIU, P.

Antigenic correlations between the laboratory epidemic strains (1957-1958) and postepidemic strains (1958). Stud. cercet. infra-microbiol., Bucur. 10 no.2:235-239 '59.

1. Comunicare prezentata la Simpozionul asupra epidemiei de gripa, din 4-5 decembrie 1958.

(INFLUENZA VIRUSES, immunology)

DEREVICH, A. [Derevici, A.]; BRONITSKI, A. [Bronicki, A.]; ~~PETRESCU, A.~~
[Petrescu, A.]

Biological characteristics of influenza virus strains isolated in Rumania; relation to strains isolated during the influenza epidemic in February and March 1959. Vop.virus. 6 no.5:560-564 S-0 '60.
(MIRA 14:7)

1. Institut inframikrobiologii Akademii nauk Rumynskoy Narodnoy Respubliki.

(ROMANIA---INFLUENZA)

DEREVICH, A. [Derevici, A.], ~~PETRESCU~~ A. [Petrescu, A.]

Effect of a water-soluble extract of royal jelly from the honeybee on various viruses. Vop.virus. 6 no.5:611-614 S-0 '69. (MIRA 14:7)

1. Institut inframikrobiologii Akademii nauk Rumynskoy Narodnoy Respubliki.

(VIRUSES)

(ROYAL JELLY)

ATHANASIU, Pierrette; PETRESCU, Al.

The effect of cultures of influenza virus, strain A/T/53, on animals with modified reactivity. Studl cercet. inframicrobiol., Bucur. 11 no.1:117-123 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in Sesiunea stiintifica festiva din 17-18 august 1959.

(INFLUENZA VIRUSES immunology)

DREVICI, A.; BRONITKI, A.; PETRESCU, A.

Biological aspects of influenza virus strains isolated in the R.P.R. Comparison with the strains isolated during the epidemic in February-March in 1959. Stud. cercet. inframicrobiol., Bucur. 11 no.2:211-218 '60.

(INFLUENZA VIRUSES)

DEREVICI, A.; PETRESCU, Al.; ATHANASIU, P.

Combined antitoxic, antibacterial and antiviral vaccinations.
(Experimental research). Stud. cercet. inframicrobiol. Bucur.
11 no.4:563-569 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.

(VACCINATION experimental, DIPHThERIA immunology)
(TETANUS immunology) (INFLUENZA immunology)
(POLIOMYELITIS immunology)

PANCU, V.; PETRESCU, Al.; ATHANASIU, Pierette

Considerations on the respiratory viral epidemic in the spring of the year 1958, in the town and environs of Botosani. Stud. cercet. inframicrobiol. Bucur. 11 no.4:583-585 '60.

1. Comunicare prezentata la Simpozionul de gripa din Bucuresti, (PNEUMONIA, PRIMARY ATYPICAL epidemiology) (BRONCHIOPNEUMONIA epidemiology) (VIRUS DISEASES epidemiology)

PETRESCU, Al.; ATHANASIU, Pierrette; CIRNARU, SteIa; PANGU, V.; VILCU-BOJINCA,
Ioana

Biological characteristics of an inframicrobiol germ isolated from
infants with an acute toxic respiratory syndrome. Stud. cercet.
inframicrobiol. Bucur. 11 no.4:587-596 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.

(VIRUSES)

(RESPIRATORY TRACT INFECTIONS microbiology)

PETRESCU, Al.; ATHANASIU, Pierrette

Changes in mitochondria in white mice during grippal immunization.
Studii cerc inframicrobiol Special issue-supplement to 12:249-252
'61.

1. Institutul de inframicrobiologie al Academiei R.P.R.

(MITOCHONDRIA) (IMMUNITY) (INFLUENZA)

Persons, Given Names

P. Petrescu, et al.
Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 4, Jul-Aug 1961, pp 331-333.

Data: "Clinical and Laboratory Observations on Certain Cases with an
Acute Respiratory Syndrome."

Authors:

ATHANASIU, Pierette, -Dr.-

DOBRESCU, Gh., -Dr.-

STRUIOVICI, D., -Dr.-

PETRESCU, Al., -Dr.-

COSTANDACHE, D., -Dr.-

GPO 981643

PETRESCU, A.I.

(14)

(17)

Bucharest, Microbiologia, Parasitologia, Sideriologia, No 1 VII, No 2, Feb--pp 1952

1. "The Group of Respiratory Viruses," Academicelele St. S. 1101 and Com. 9. GALLI, pp 97-109.
2. "The Morphology of Respiratory Viral Diseases," Dr O. KALITZKI and Dr V. VASS, pp 111-118.
3. "Respiratory Viral Diseases Transmissible from Animals to Man," Dr D. SARATYANU and Dr C. SIMDANJ, pp 119-123.
4. "The Mechanism of Multiplication of Some Respiratory Viruses," Dr R. TORCALA and Dr I. SAVTEI, pp 125-131.
5. "The Radioactive Aspect of Viral Respiratory Diseases in the Child," Prof A. ERESCU, Dr I. N. BALANU, Dr VALERIU POPESCU and Dr C. TAVASCIU, pp 133-140.
6. "Antibiotics in the Therapy of Respiratory Viral Diseases," Prof M.O. SAIS, pp 141-146.
7. "Virus Carriers in Respiratory Infections," Dr Adalina DORNICI, pp 147-151.
8. "Prophylaxis of Influenza," Dr I. KIPRA, Dr A.I. PETRESCU, Dr AUGUSTIN ILLITRANU and Dr I. ITORESCU, pp 153-158.
9. "Conclusions of the Interregional Conference on 'Viral Respiratory Diseases,' Bala Hare, 29-30 September 1961," pp 163-164.

— VI —

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ACC NR: AP6033592

SOURCE CODE: RU/0023/65/010/004/0361/0364

21
29
B

AUTHOR: Athanasiu, Pierrette--Atanasiu, P. (Doctor); Ialomiteanu, M.--
Yalomitsyanu, M. (Doctor); Petrescu, Al.--Petresku, A. (Doctor); Sferdian, O. (Doctor)

ORG: Institute of Inframicrobiology, RSR Academy (Institutul de inframicrobiologie
al Academiei R.S.R.)

TITLE: Study of urinary mucoproteins -- the Donaggio test -- in the course of acute
viral hepatitis

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 361-364

TOPIC TAGS: protein, virus disease, hepatitis, urology

ABSTRACT: The authors show that the percentage of positive tests as well as the
intensity of the concentration of mucoproteins in the urin of patients suffering
from acute viral hepatitis, chronic hepatitis, obstructive jaundice and biliary
dyskinesia is higher when the disease is more serious. It is suggested that this
may also be due to pathologic changes in the kidneys during these diseases.

[Based on authors' Eng. abst.] [JPRS: 32,913]

SUB CODE: 06 / SUBM DATE: 09Sep64 / OTH REF: 008

Card 1/1 *llh*

UDC: 616.36-002.12:616.633.963-072.85

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ATHANASIU, Emerica, dr.: IACOMITIANU, M., dr.: PETRUSCU, Al., dr.:
OFILIAN, G., dr.

Investigations of urinary mucoproteins with the "Donaggio
test" in acute viral hepatitis. Microbiologia (Bucur.) 10
no.4:361-364 J1-Ag '65.

1. Lucrare efectuată în Institutul de Inframicrobiologie
al Academiei R.S.R.

MARINESCU, G.; PETRESCU, Al.

Electron microscopic aspects of infectious mononucleosis virus.
Stud. cercet. inframicrobiol. 16 no.1:53-54 '65.

PETRESCU, Al.; ATHANASIU, Pierrette; SURDAN, C.; CAJAL, N.;
SARATEANU, D.; avec la collaboration de VELCIU, V.
MARIN, D.; CADERE, N.

Viral etiology of ulcerous disease II. Rev. sci. med. 8
no. 1/2:75-77 '63.

1. Membre de l'Academie de la Republique Populaire Roumaine
(for Nicolau).
(PEPTIC ULCER) (VIRUS DISEASES) (RICKETTSIAL DISEASES)

PETRESCU, Alexandru

Difficulties which can be avoided. Constr Buc 16 no.751:2
30 My '64.

1. head of the Supply Base of the Regional Trusts for housing
Construction, Dobruja.

of the camp sites and the materials needed for building the
shelters, as well as the proper grazing and other techniques
to be used in the camps. Contains 5 figures and 5 Russian
and 5 Rumanian references.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

1/1

Mihai Viteazu State Farm (GAS Mihai Viteazu), of Cluj.

"Mammal Rest, an Important Factor in the Increase of Milk Yield
in Cows."

Bucharest, Revista de Zootehnie si Medecina Veterinara, Vol 13,
No 7, Jul 63, pp 27-35.

Abstract: Describes studies conducted with 254 adult cows
between 5 and 11 years old to determine the effect of mammal
rest on milk production and the birth weight of the calves.
An adequate period of mammal rest, about 60 days, with ade-
quate feeding and 2 to 3 hours of exercise daily results in
a considerable increase in milk production and weight of calves.
Contains 1 table and 12 references, of which 4 are German,
3 Russian and 5 Rumanian.

I 59390-65 EMP(m)/EW(1)/FCS(k)/EWA(d)/EWA(1) Pd-1

ACCESSION NR: AP4044758

R/0011/64/008/003/0097/0104

AUTHOR: Petrescu, A.

TITLE: The flow of incompressible liquids through non-homogeneous porous media under the influence of the force of gravity, is modeled by means of electrical circuits

SOURCE: Automatica si electronica, v. 8, no. 3, 1964, 97-104

TOPIC TAGS: liquid flow, incompressible liquid, non-homogeneous porous medium, permeable barrier, gravity flow, electric modelling

ABSTRACT: Following a brief introduction which describes the problems encountered in studying the flow of liquids (with or without a free surface) through porous media, the author states that the use of electrical circuits, or of electronic computers, greatly facilitates the solution of problems in which a free-surface system is involved. The first part of the article is strictly limited to theoretical considerations, presenting the theory of electrical circuits necessary for the modeling of the problems encountered in the flow of incompressible and heavy liquids through a non-homogeneous porous barrier. The

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equations of the flow of liquids through a porous barrier are first developed starting from Darcy's equation and taking into consideration the following parameters: the flow-velocity components of the liquid (one of them being the direction in which the force of gravity acts),

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L 59390-65

ACCESSION NR: AP4044753

pressure, permeability of the medium, and the viscosity and specific gravity of the liquid. The final function (Φ) found has a well-defined physical significance, representing the velocity potential. The flow equations found are then approximated by means of partial derivatives through finite difference systems of equations, using the development of Taylor's series. A graphic representation of the system of coordinates, chosen in order to develop the function which must be determined in domain through the Taylor's series, is given. These approximations show that the initial flow-equations represent Poisson-type equations for non-homogeneous media, while the final expression represents the Laplace equation for the same type of medium. In the final analysis, this permits the electrical modeling of the flow using two systems of direct analogies between the hydraulic and electrical parameters as follows: for a Poisson-type equation, the modeling method is a network with internal sources, p =pressure and Q =flow (hydraulic values) being analogous to U =electric potential and i =current (electrical values); for a Laplace-type equation, the modeling method is a network without internal sources, Φ =velocity potential and Q =flow (hydraulic values), are analogous to U =electrical potential and i =electric current (electrical values). Three schematic diagrams, representing 3 network nodes of different structure, are shown for the modeling of the 2 initial and 1 final flow equations.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001240

Card 2/3

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ACCESSION NR: AP4044758

The second part of the article describes the practical solution of a problem of free-surface water flow through a permeable-barrier, by modeling using a circuit with internal current sources. The calculation of the limit conditions and analogy coefficients is given. Schematic diagrams of the permeable barrier and electrical circuit are shown. The values of the electrical potential in the network nodes, for the first approximation of the free surface, are tabulated. This method may be successfully applied in the case of a barrier constructed from a non-homogeneous medium, when tentative solution by other methods is impaired by important difficulties. Orig. art. has: 8 figures, 1 table and 42 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: ME, EC

NO REF SOV: 004

OTHER: 004

Card

KC
3/3

ATHANASIU, Pierrette; PETRESCU, Al.

The effect of cultivating the influenza virus, strain A/T/53, in
animals with modified reactivity. Rumanian M Rev. no.3:12-13 J1-S '60.
(INFLUENZA)

PETRESCU, Al.; ATHANASIU, Pierrette

Changes in the mitochondria in white mice during antiinfluenza
immunization. Stud. cercet. inframicrobiol. 12:249-252 Supplement
'61.

(INFLUENZA immunology)

(MITOCHONDRIA)

PETRESCU, Al.; ATHANASIU, Pierrette

Mitochondrial changes in the white mouse in the course of anti-influenza immunization. Rev. sci. med. 6 no.3/4:197-199 '61.
(INFLUENZA immunology) (MITOCHONDRIA)

NICOLAU, St.S.; PETRESCU, Al.; ATHANASIU, Pierrette; SURDAN, C.; in collaboration
with VELCIU, V.

Inframicrobiol etiology of the ulcerous disease. Rev. sci. med. 7
no.3/4:177-180 '62.

1. Member of the Academy of the R.P.R. (for Nicolau).
(PEPTIC ULCER) (RICKETTSIAL DISEASES)

PETRESCU, Al.; ATHANASIU, Pierrette; ANDREESCU, M.; BOERU, Vera; RUTTER, G.

Morphofunctional changes in the cells of white mice during influenza immunisation. I. Histochemical and biochemical investigation of the nucleic acids and nucleases in the lung tissue. Rev. sci. med. 7 no.3/4: 185-188 '62.

(INFLUENZA) (VACCINATION) (LUNG) (NUCLEIC ACIDS)
(RIBONUCLEASE) (DESOXYRIBONUCLEASE)

PETRESCU, Al.; ATHANASIU, Pierrette

Morphofunctional changes in the cells of white mice during influenza immunization. II. A cytochemical study of fats in the lung. Rev. sci. med. 7 no.3/4:189-191 '62.
(INFLUENZA) (VACCINATION) (LUNG) (LIPID METABOLISM)

PETRESCU, A.I.; ATHANASIU, Pierrette; ANDREESCU, M.; BOERU, Vera; RUTTER, G.

Cellular morphological and functional changes in white mice during anti-influenza immunization. I. The cytochemical and biochemical study of nucleic acids and nucleases in the pulmonary tissue. Stud. cercet. inframicrobiol. 13 no.2:217-221 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA immunology)
(NUCLEASES chemistry)

(NUCLEIC ACIDS chemistry)
(LUNG chemistry)

PETRESCU, Al.; ATHANASIU, Pierrette

Cellular morphological and functional changes in white mice during anti-influenza immunization. II. Cytochemical study of fats in the lungs. Stud. cercet. inframicrobiol. 13 no.2:223-225 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(INFLUENZA immunology) (FATS chemistry)
(LUNG chemistry)

NICOLAU, St. S., academician; ATHANASIU, Pierrette; SURDAN, C.;
PETRESCU, Al.; POPESCU, Georgeta; STEFANESCU, I.; in colaborare
cu: STOIA, I.; MARIN, D.

The role of rickettsial and pararickettsial diseases in the
activation of arthroses and spondyloses. Stud. cercet.
inframicrobiol. 14 no.5:551-563 '63.

(RICKETTSIAL DISEASES) (JOINT DISEASES)
(SPINAL DISEASES) (ARTHRITIS, RHEUMATOID)
(TETRACYCLINE)

PETRESCU, Al.; ATHANASIU, Pierrette;; ANDRESCU, M.;
BOERU, Vera; RUTTER, G.

Morphological and cytochemical changes in white mice during
immunization against influenza. Rev. sci. med. 8 no. 1/2:83-85

(INFLUENZA VACCINE) (LUNG)

SURDAN, C.; ATHANASTU, Pierette; PETRESCU, Al.; BABES, V.; STEGANESCU,
Ileana; COPELOVICI, Yolanda; NICOLAU, St.S; GARAPANCEA, M.

Investigations of the role of rickettsial and para-rickettsial
infections in human eye diseases. Stud. cercet. inframicrobiol.
15 no.5:447-454 '64.

FETRESCU, Anastasie P.

Observations on the algebra manuals for the 8th and 9th grades.
Gaz mat fiz 15 no.5:241-254 My '63.

PETRESCU, Anastasie (Craiova); DINULESCU, C., prof. (Buzau); ZAMFIRESCU, Tudor; VASILIU, Florian (Bacau); LEONTE, A. (Bucuresti); OPREA, Miron (Ploiesti); POPESCU, Gh.; MANESCU, I., prof. (Rimnicu Vilcea); BACHINA, V., prof (Breaza); MASGRAS, V. (Bucuresti)

Solved problems. Gaz mat B 14 no.6:343-356 Je '63.

ROMANIA/Chemical Technology. Chemical Products and Their Applications. Food Industry.

ii

Abs Jour: Ref Zhur-Khim., No 3, 1959, 29396.

Author : Petrescu, B.

Inst :

Title : The Sterilization of Canned Meat.

Orig Pub: Rev Ind Aliment Produmizale, No 4, 1-4 (1957)
(in Rumanian)

Abstract: The author discusses the basic factors affecting the sterilization of canned meat: sterilization time, observation of health and sanitation regulations during storage of the raw meat and during its processing, and the shape, size, and nature of the packing material used as well as the ratio of solids to liquids in the final product, sterili-

Card : 1/2

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RUMANIA / Farm Animals. Swine. Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40489.

Author : Cadantu, L., Petrescu, C., Popovici, E.,
Covaliu, V.

Inst : Not given.

Title : The Influence of Roots on the Productivity of
Pregnant Sows.

Orig Pub: Probl. zootehn., 1957, No 3, 26-32.

Abstract: An experiment was conducted at the experimental station Rushetsu on 45 sows in the second period of pregnancy. The 1st group was given carrots as a supplement to the basic ration, the 2nd group - carrots and mangels, and the 3rd group - mangels. As compared with the controls, the number of live baby pigs in the 1st group was higher by 2.4%, in the 2nd group - by 4.5%.

Card 1/2

PUSGARU, D.; PETRESCU, C.; OPRESCU, St.; STAVRI, J.; PETRACHE, M.;
NENOVICI, C.; TANASE, L.

Research on the nutritive value and structure of winter rations
of milch cows on the Pestera, Harman, and Rismov state farms.
Studii cerc biol anim 13 no.1:111-132 '61. (EEAI 10:7)
(ROMANIA—COWS)

PETRESCU, C

TECHNOLOGY

PETRESCU, C. Systems of the monophasе and three-phase distribution in rural electrification. p. 481
Vol. 6, no. 10, Oct. 1958

Periodicals: ENERGETICA

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3,
March 1959, Unclass.

PETRESCU, C., ing.

Utilizing ion exchangers for preparing industrial water at
the Braila Pulp and Paper Mill. Gel hirtle 12 no.11:363-369
N°63.

MILCU, St.H., Member of the Academy; LUNGU, Al.; PĂRĂȘCU, C.

The part played by the cerebral cortex in the changes produced in the thyroid function by balneotherapy. Sc.Repub.pop. roumaine Vol. 1:99-123 1953.

- (MINERAL WATER, effects,
on thyroid gland, role of cerebral cortex)
- (CEREBRAL CORTEX, physiology,
regulation of thyroid response to balneother.)
- (THYROID GLAND, effect of drugs on,
mineral water, role of cerebral cortex)

RETRESCU, C.

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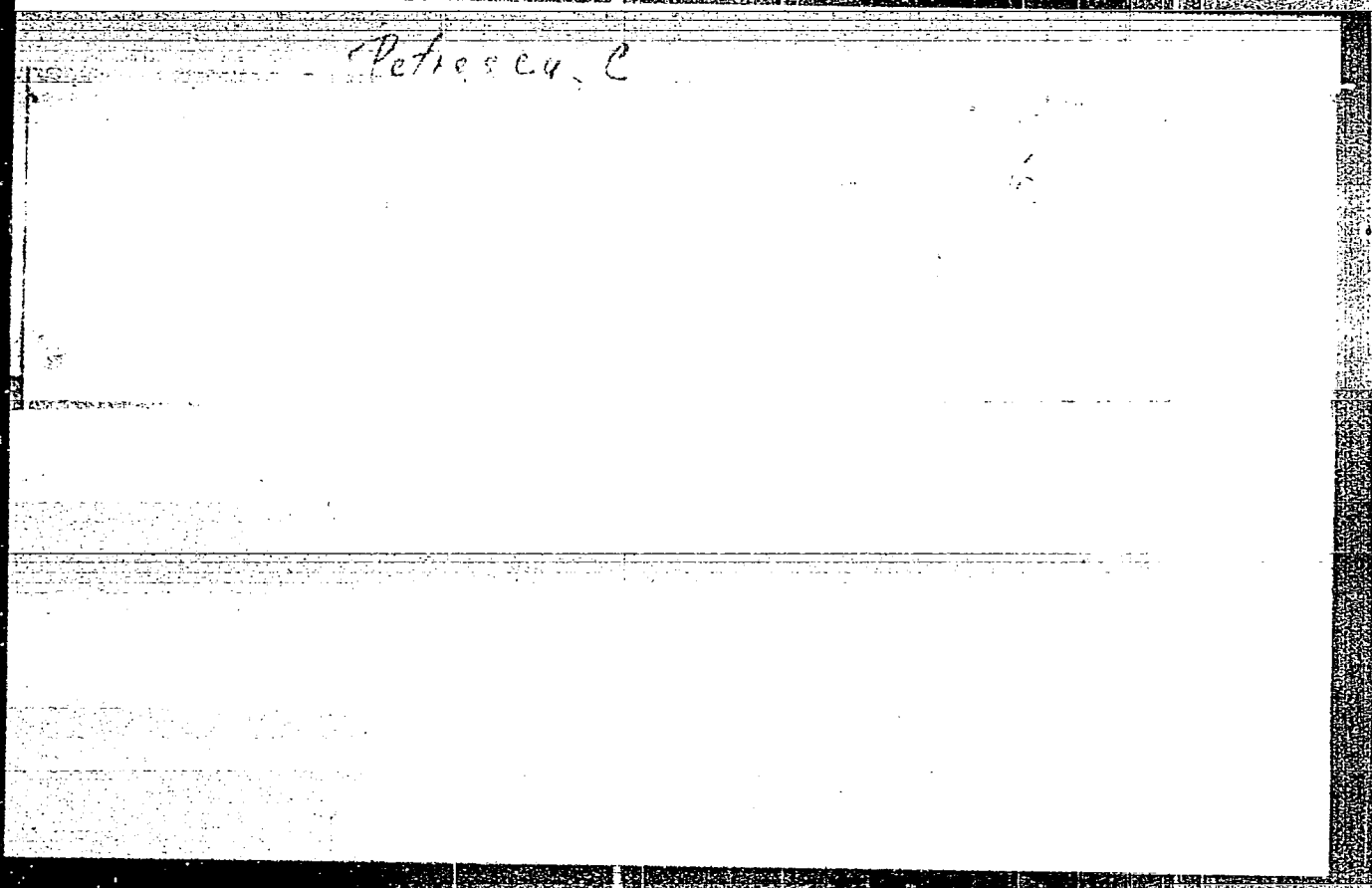
The action of chlorophenothiazine (Chlorpromazine) upon
 the concentration of radioiodine in the thyroid of al-
 bino rats. St. M. Milcu, I. Negocescu, N. Radian, Al.
 Bojinescu, C. Petrescu, Fl. Cocu, and H. Stancu. *Comun.
 acad. rep. populare Romine* 5, 1397-1401(1955).—Male
 albino rats were injected intraperitoneally with 0.84 μ c
 of I^{131} . The radioactivity in controls and exptl animals
 was measured with a Geiger Muller counter. Administra-
 tion of chloro-phenothiazine caused a significant drop of the
 I^{131} concn in the thyroid. The excretion of I^{131} by the
 treated animals (controls in parentheses) was 23.0 (39.9)
 after three hrs., 26.9 (39.2) after 24 hrs., 11.7 (24.7) after
 3 days, and 0.5 (22.0%) after 5 days. The time of the
 elimination of I^{131} was not influenced. This varied in treated
 and control animals. The loss of ability of the thyroid to
 bind the I^{131} could be due either to a neuroplegic or a narco-
 biotic action, but is probably neuroplegic. W. Jacobsen

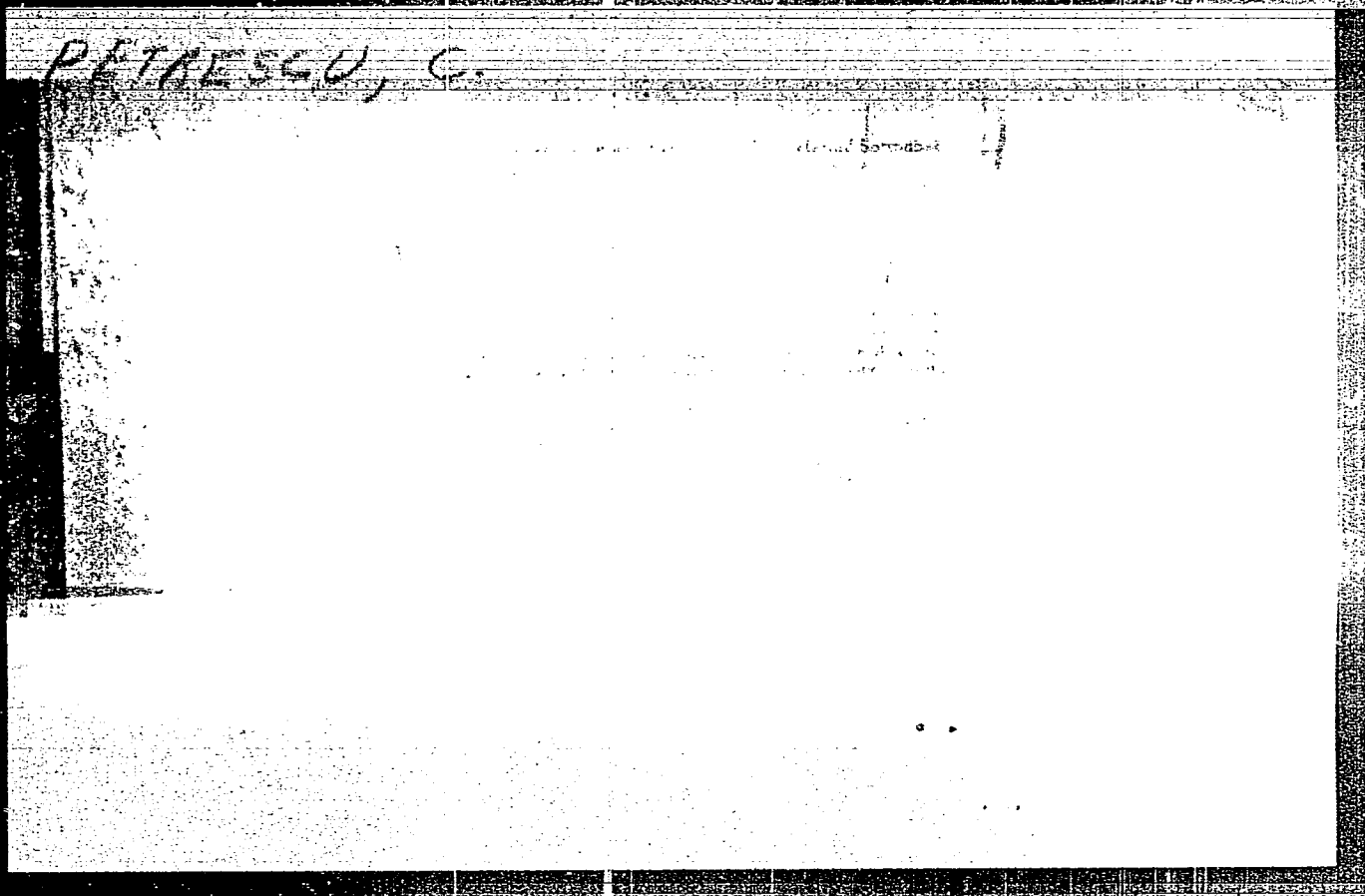
EXCERPTA MEDICA Sec.6 Vol.12/4 Internal Med. April 53

2433. THE MODIFICATIONS OF GASEOUS EXCHANGES IN HYPERTHYROIDISM UNDER THE INFLUENCE OF AN ALTITUDE CURE - Modificările schimbărilor gazoase la hipertiroiziemi sub influența curei de altitudine - Negoescu I., Petrescu C. and Cocu F. Clin. Endocrinol., I.M.F., București - ENDOCRINOLOGIA (București) 1956, 1/2 (160-165) Tables 3

At an altitude of 1,450 m. the authors made investigations on normal persons and on patients suffering from hyperthyroidism, concerning the modifications of the respiratory constants (vital air consumption, tidal air, respiratory volume, O₂ coefficient and O₂ respiratory equivalent, pulse rate, and strain test). Normal persons as well as those suffering from hyperthyroidism displayed the following reactions due to altitude: a lowering of the consumed vital air, an increase of the tidal air and of the respiratory minute volume, a lowering of the O₂ coefficient, a tendency to rise of the respiratory equivalent. These reactions are much stronger with those suffering from hyperthyroidism, being amplified after physical effort, a fact which makes it the more difficult for those suffering from hyperthyroidism to become acclimatized to altitude, especially if they have also visceral complications. As a practical conclusion of these researches, the authors consider that those suffering from hyperthyroidism can benefit from a climate of moderate altitude, on condition that it does not present visceral complications, the cardiovascular and respiratory systems being more subject to stress in high-altitude conditions. The patients' altitude cure must be accompanied by rest, cardiorespiratory strain being increased by physical efforts.

(VI, 3)





PETRESCU, C.

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24723

Author : Ceausescu, D., Petrescu, C.

Inst : Rumanian Academy.

Title : The System Iodate-Iodide-Acid in Conductometric Titration of Iodates and Strong Acids.

Orig Pub : Studii si cercetari chim. Acad. RPR Fil. Cluj, 1956, 7, No 1-4, 81-84

Abstract : On the basis of the equation $IO_3^- + 5I^- + 6H^+ \rightleftharpoons 3I_2 + 3H_2O$ it is possible to determine IO_3^- by conductometric titration with strong acid, and to determine the concentration of H^+ by titration with a solution of KIO_3 in the presence of an excess of I^- . Titration curves are characterized by the presence of well defined inflection points corresponding to the equivalence points (EP). In the case

Card 1/2

4

RUMANIA/Human and Animal Physiology (Normal and Pathological).
Internal Secretion. Thyroid Gland. T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79733.

Author : Negoescu, I.; Petrescu, C.; Cocu, Fl.

Inst :

Title : On the Pharmacodynamics of Dibromthyrosine.

Orig Pub: Studii si cercetari endocrinol. Acad. RPR, 1956, 7,
No 3, 325-336.

Abstract: The introduction of dibromthyrosine (I) caused a decrease of the basic metabolism in normal and hyperthyroid animals; body weight increased; the quantity of colloids in the thyroid gland increased. I is more active than diiodthyrosine and less active than thyouracil. The organic compounds of Br are more active than the inorganic. It is pro-

Card : 1/2

50

PETRESCU, C.

RUMANIA/Human and Animal Physiology (Normal and Pathological). Internal Secretion.
General Problems

T-9

Abs Jour : Ref Zhur - Biol., No. 11, 1958, 51016

Author : Milcu, St.-M., Negoescu, I., Lungu, Al, Petrescu, C., Cocu, Fl.

Inst : Academy of Sciences People's Republic of Rumania.

Title : Metabolism Test of Endocrinopathy during Physical Strain.

Orig. Pub. : Bul. stiint. Acad. RPR. Sec. med., 1956, 8, No. 3, 799-827.

Abstract : Five hundred patients were examined. The metabolism test during physical strain (according to the method of Durupt) is more conclusive than the basic metabolism test. This method makes it possible to differentiate between hyperthyroidism and a neurotic syndrome of pseudothyroidism, and to diagnose metabolism disturbances in diseases of the hypophysis and the suprarenal gland.--From the author's summary.

Card 1/1

80

PETRESCU, C.

ROMANIA / Human and Animal Morphology, Normal and Pathological.
 Nervous System/ 6
 Abs Jour : J. Evol. Biol., No 21, 1958, No 97065
 Authors : Nicolae, Ion, T.; Niciu-Purichioiu, Mihail; ~~Rijchshuber, I.~~
 Cosvovanu-Volbescu, S.; Cyprescu, I.; Boelmer, O.; Fotin, L.;
 Petrescu, C.; Ornat, V.
 Inst : ~~INSTITUTUL DE ANATOMIE~~
 Title : On Nerve Endings in the Prostate
 Orig Pub : Com. Acad. RPR, 1957, 7, No. 1, 131-134.

Abstract : In the prostate gland of the guinea pig, cat, dog and mouse,
 rich innervation of the gland itself, as well as its excre-
 tory duct, was discovered. In smooth musculature, by the
 method of impregnation, the prevalence of encapsulated sen-
 sory bodies described by Tinsford was detected.

Card 1/1

Petrescu, C.

2.

RUMANIA / Pharmacology, Toxicology, Tranquillizers. V

Abstr Jour : *Ref Usur - Biol.*, No 20, 1958, No 94144

Authors : Ianou, L.; Sahleanu, V.; Holban, R.; Bojinescu, Al.; Petrescu, C.

Inst : MS Rumanian People's Republic

Title : The Study of the Effect of Meprobramate - a Ganglionblocking Compound (on the level of Thalamus) - on Blood and Iron of Inner Secretion.

Orig Pub : *Studii si cercetari endocrinol. Acad. RPR*, 1957, 8, No. 4, 470-473.

Abstract : Meprobramate (I) produces interneuronal blocking on the thalamus level, not causing any effect on the peripheral nerves and higher nervous system and not changing the reaction of the animals towards acetylcholine, adrenalin and histamine. The toxicity of I is 5 times less than the toxicity of barbiturates. For every day in the

course of 15 days the rats were perorally given 40 mg of I each. It is noted that under the effect of I there are no changes in white blood but there is considerable increase in the reticulocyte content (4.6% as compared with 1.79% in the control). The basic metabolism decreased to 15.4% compared with the normal level. Fixation of ^{131}I in the thyroid gland decreased. I had no effect on the fixation of ^{32}P in the thyroid gland and did not cause histological and histo-functional changes in the endocrine organs.

-- E. M. Chaynbaum.

Card 2/2

LUPULESCU, A.; PETRESCU, C.; COCU, Fl.

The action of the growth hormone and of several steroid hormones on connecting cartilage. Stud. cercet. endocr. 13 no.1:45-55 '62.

(CARTILAGE pharmacology) (SOMATOTROPIN pharmacology)
(ESTROGENS pharmacology) (TESTOSTERONE pharmacology)
(ADRENAL CORTEX HORMONES pharmacology)

STANCU, H.; BALAN, M.; PETRESCU, C.; DRAGOMIRESCU, Maria

Data on the utilization of glucose in hyperthyroidism. Stud. cercet.
endoor. 13 no.2:283-290 '62.

(HYPERTHYROIDISM metabolism) (GLUCOSE metabolism)
(OXYGEN metabolism)

NEGOESCU, I.; BALAN, M.; STANCU, H.; NICOLESCU-CATARGI, Al.; PETRESCU, C.

The value of metabolic, hormonal and functional tests
in incipient hyperthyroidism. Stud. cercet. endocr.
14 no. 3:313-325 '63.

(THYROID FUNCTION TESTS) (HYPERTHYROIDISM) (ELECTROENCEPHALOGRAPHY)
(THYROID HORMONES)

PETRESCU, C.

Role of the adrenal cortex in calorogenesis. Stud. cercet. endocr.
14 no.4/5/6:723-732 '63.

X

I 30142-66

ACC NR: AP6020324

SOURCE CODE: RU/0012/65/061/001/0009/0014

AUTHOR: Turai, I. (Professor; Doctor; Corresponding member of the RPR academy); Petrescu, G. (Doctor)

12
B

ORG: Surgery Clinic No. 2, Emergency Hospital, Bucharest (Clinica a II-a chirurgicala, Spitalul de urgenta)

TITLE: Traumas of the thorax²² (particular aspects)

SOURCE: Revista sanitara militara, v. 61, no. 1, 1965, 9-14

TOPIC TAGS: medicine, injury

ABSTRACT: The authors discuss three possible complications of thoracic trauma, namely thoracic instability, fracture of the base of the thorax, and disturbances in the electrical activity of the spinal cord arising from pressure or damage. Nine case studies illustrating the symptoms and treatment of the conditions are included. (Orig. art. has: 13 figures. [DPRS])

SUB CODE: 05 / SUBM DATE: none

Cord 1/1 *Th*

STANESCU, M., dr.; PURICE, S., dr.; PETTESCU, C., dr.; BELIGAN, Gr., dr.

The value of glyccorticoids and thiazide diuretics in the treatment of atrioventricular block and in prevention of Adams-Stokes crises. Med. intern. (Bucur.) 17 no.4:439-444 Ap '65.

1. Lucrare efectuata in Clinica medicala din Spitalul "Prof. dr. I. Cantacuzino", Institutul medico-farmaceutic, Bucuresti (director: prof. I. Bruckner).

NEGOESCU, I.; STANCU, H.; PETRESCU, C.; BALAN, M.

Contribution to the study of the role of the pituitary gland
in heat production. Studii cercet. endocr. 16 no.2:99-111 '65.

PETRESCU, C.

The island of Ada-Eleeh. Natura Geografie 16 no. 5:74-76 S-5161

SALZBERG, D., dr.; PETRESCU, C., dr.; TAUTU, C., dr.; SCHWARZ, B., dr.

Massive atrial thromboses. Diagnostic difficulties. Considerations on a clinical case. Med. intern. 15 no.8:1017-1020
Ag '63.

1. Lucrare efectuata in Sectia medicala, Serviciul al II-lea de neurologie, Serviciul de anatomie patologica al Spitalului "Gh. Marinescu", Bucuresti.
(HEART DISEASES) (THROMBOSIS) (HEART SEPTUM)

MURESANU, P.L.; CZEISLER, Ghizela; VILCEANU, Nicoleta; RACUTIANU, Gh.;
PETRESCU, G.

Contributions to the knowledge of humus dynamics, the nature and characteristics of its components, in different kinds of soil in the western part of Rumania. Studii agr Timisoara 9 no.3/4:369-386 J1-D '62.

TURAI, I., prof.; PETRESCU, Cezar, dr.

Gastroscopy in digestive hemorrhages. Considerations on 28 cases.
Med. intern. 14 no.4:409-417 Ap '62.

1. Lucrare efectuată la Clinica a II-a chirurgicală "I.C. Frimu"
(director: prof. I. Turai).

(HEMORRHAGE, GASTROINTESTINAL) (GASTROSCOPY)
(PEPTIC ULCER) (GASTRITIS) (HYPERTENSION, PORTAL)

TURAI, I., prof.; PAPAAGI, E.; MAXIMILLIAN, V.; CIOCHINA-BANESCU, C.;
STEFANESCU, V.; JERCAN-ALBU, M.; PETRESCU, C.; CHIRDA, B.;
ROSALA, E.

Paresis of the right diaphragmatic dome. Rumanian M Rev. no.2:
63-66 Ap-Je '60.

(DIAPHRAGM diseases)

PETRESCU, A.; TAUTU, C.; PETRESCU, C.

Relationship between an anomaly of Willis' circle and obstruction of
the large cerebral arteries. Rumanian M Rev. no.3:49-54 '61.
(BRAIN abnormalities) (CEREBROVASCULAR DISORDERS case report)

PETRESCU, C.

SCIENCE

Periodicals: METROLOGIA APPLICATA. Vol. 5, no. 5, Sept/Oct. 1958

PETRESCU, C. Time measurement. p. 201.

Monthly List of East European Accessions (EEAI IC, Vol. 8, No. 2,
February 1959, Unclass.

Card 1/1

18

Country : RUMANIA
Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24879

Author : Petrescu, C.
Inst : Academy of Sciences RPR.
Title : On the Problem of Determining the Irrigation
Methods of Pepper, Tomatoes and Late Cabbage.
Orig Pub : Comun. Acad. RPR, 1958, 8, No. 1, 83-87

Abstract : Experimental results in 1954 at the Tsigeneshti and Kiskanf (RPR) stations on alluvial soil. The best pepper harvest was obtained at soil humidity of 66 percent of the entire water capacity in the beginning and the end of the vegetative period and of 77 percent in the period of fruit-bearing; tomatoes - 68 and 78 percent, and cabbage - 82 and 90 percent (in the period of the heads' development), respectively.

Card : 1/1

61.

MURESANU, P.L.; PETRESCU, C.; HANDRA, M.; VILCEANU, N.

Contributions to the knowledge of the tampon capacity of the soils in the western part of the country. Studii chim Timisoara 6 no.3/4: 111-125 J1-D '59. (EEAI 10:4)

1. Comitetul de redactie, Studii si cercetari Stiinte chimice, membru al Comitetului de redactie (for Muresanu)
(Rumania--Soils)

MURESANU, P.L., prof.; VILCEANU, N.; PETRESCU, C.

Contributions to the knowledge of the components of the humus from
bog soils. Studii chim Timisoara 6 no.1/2:101-114 Ja-Je '60.

(EEAI 10:3)

1. Comitetul de redactie, Studii si cercetari stinte chimice,
membru al Comitetului de redactie (for Muresanu).

(Rumania--Soils) (Humus) (Bogs)

MURESANU, P.L., prof.; SAMOILA, Z.; PETRESCU, C.

Contributions to the knowledge of the chemical composition of hay crops obtained from some mixtures of perennial grasses in the year of sowing. Studii mat Timisoara 7 no.1/2:193-204 Ja-Je '60.

(KRAI 10:4)

1. Comitetul de redactie, Studii si cercetari, Stiinte chimice, Baza de cercetari stiintifice Timisoara (for Muresanu).

(Grasses) (Hay)

MURESANU, P. L.; SAMOILA, Z.; FETRESCU, C.; STOIANOVICI, V.; VILCEANU,
Nicloeta

Chemical composition of hay harvest obtained in the second year
after sowing, and various mixtures of perennial herbs. Note II.
Studii agr Timisoara 8 no.1/2:89-103 '61.

(Plants—Chemical analysis) (Hay)

MURESANU, P. L., prof.; VILCEANU, Nicoleta; PETRESCU, C.

Contributions to the knowledge of the physicochemical properties of the humic acids in the soil of the western part of the country. Studii chim Timisoara 8 no.1/2:161-170 Ja-Je '61.

1. Comitetul de redactie, Studii si cercetari, stiinte chimice [Academia Republicii Populare Romine, Baza de Cercetari Stiintifice Timisoara] (for Muresanu).

(Rumania--Soils) (Humic acid)

OPREA, C. V., prof.; MURESANU, P. L.; DRAGAN, I.; CRISAN, I.; OPRIS, L.;
MIHOC, ~~Ema~~; BALAN, S.; BAUMSTARK, I.; PETRESCU, C.; VILCEANU, Nicoleta

Studies on the soils of the western part of our country. Studii agr
Timisoara 8 no.3/4:163-169 J1-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct,
"Studii si cercetari, Biologie si stiinte agricole" (for Oprea).

NEGOESCU, I.; BALAN, M.; STANCU, H.; VOIGULET, N.; PETRESCU, C.

Data on the feedback mechanism in hyperthyroidism and Basedow's disease. Stud. cercet. endocr. 15 no. 6:547-553 '64.

PETRESCU, Cornel, asist.

New successes of vegetable amelioration in Bulgaria. St si Ter.
Buc 15 no.6:21-22 Je '63.

1. "N. Balcescu" Agronomic Institute, Bucharest.

MURESANU, P.L.; CZERNISLER, Ghizela; VILCENIU, Nicoleta; RACUTIANU, Gh.;
PETRESCU, C.

Contributions to the knowledge of humus dynamics, nature, and characteristics of its components. in different types of soil in the western part of Rumania. Studia Univ B-B S Chem 8 no.1: 507-508 '63

1. Institute of Agriculture, Timisoara.

MILITARU, Paul, ing.; PETRESCU, Constantin; MARINESCU, Cristian, ing.
(Bucuresti)

The planning of the Bicz-Singorgiu-Ludus 220 kv. electric line. Energetica Rum 10 no.5:181-189 My '62.

1. Inginer sef la Institutul de studii si proiectari energetice (for Militaru). 2. Sef de atelier la Institutul de studii si proiectari energetice (for Petrescu). 3. Inginer proiectant sef la Institutul de studii si proiectari energetice (for Marinescu).

PETRESCU, Constantin, ing.; MANOLACHE, Victor

Self-controlled cash of transport fees in town transport. Rev transport
10 no.4:162-165 Ap '63.

BODI, Alexandru; LASZLO, T., prof. dr.; IONESCU, T.V., prof. dr. (Bucuresti);
CISMAN, A., prof. dr. (Timisoara); PETRESCU, D., prof. dr. (Iasi)

Contribution to the study and use of rectangular tension in
the technology of measurements. Studia Univ B-B S. Math-Phys
9 no.2:139-140 '64.

1. "Babes-Bolyai" University, Cluj (for Laszlo). 2. Corresponding
Member of the Rumanian Academy (for Ionescu, Cisman).

PETRESCU, D.; BOROS, I.; SCHIAU, S.; STOENESCU, R.; CORNECI, I.

Influence of ionizing radiations on the adrenal cortex evaluated
by determination of potasemia in rabbits. Stud. cercet. fiziol.
10 no.1:89-95 '65.

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; STOENESCU, R.;
DEBAU, M.

Formation of agglutinins in the primary immunization of the rabbits
radiated with roentgen rays. Studii cerc fiziol 6 no.1:91-98 '61.
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R.

(AGGLUTININS) (IMMUNITY) (ROENTGEN RAYS)

PETRESCU, Dorin; SCHIAU, S.; BOROS, I.; CHIZARI, Eugenia; DEBAU, D.;
STOENESCU, R.

Changes in immunity reactions due to the effect of ionizing rays.
Importance of dose and moment of irradiation. Rumanian M Rev. no.1:
225-230 Ja-Mr '61.

1. The "Prof. D. Danielopolu" Institute of Normal and Pathological
Physiology of the R.F.R. Academy. Director: Gr. Benetato, Member of
the Academy.

(RADIATION EFFECTS experimental)
(ANTIGEN-ANTIBODY REACTIONS experimental)

PETRESCU, D.

"Hemagglutinins in extracts of Israel plants" by U. Bachrach,
J. Gurevitch, D. Zaitschek. Reviewed by D. Petrescu.
Microbiologia (Bucur) 3 no.5:410 S- 58.

PETRESCU, D.; SCHIAU, S.; BROS, I.; GHIZARI, Eugenia; STONENESCU, R.;
DEBAU, M.

Alexinic variations during the secondary immune reaction
in the rabbits exposed to roentgen rays. Studii cerc fiziol
5 no. 4:731-737 '60.

(1. Complements(Immunity) 2. X rays)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D. Danieloplu" al Academiei R.P.R.

BRUCKNER, I.; ROSENZWEIG, S.; PETRESCU, D.; BUZI, T.

Study of complement in rheumatic diseases. Probl. reumat.,
Bucur. 4:83-89 1956.

(RHEUMATISM, blood in
complement, variations & progn. value of fixation tests)
(COMPLEMENT
fixation in rheum. dis., progn. value)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; STOENESCU, R.;
DEBAU, M.

Formation of hemolysins within the secondary immune response in rabbits exposed to roentgen rays. Studii cerc fiziol 6 no.2:295-300 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

(HEMOLYSIS AND HEMOLYSINS) (X RAYS)

L 01787-67 T JK

ACC NR: AF6035137

(A)

SOURCE CODE: FO/0081/65/019/002/0154/0156

BUSZILIA, V. T.; PETRESCU, E.; and WENTULINI, E.; Clinic of Infectious Diseases of the Medical Institute in Timisoara (Rumania).

25
B

"Electroencephalographic Changes during the Course of Pertussis."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; pp 154-156.

TOPIC TAGS: respiratory system disease, EEG, pediatrics

Abstract: Electroencephalographic study in 35 children with pertussis repeated in 25 of these during the period of 1-5 years after the disease.

The number of normal, asymmetric, activated, and abnormal patterns in each of three groups (according to severity of pertussis) is tabulated; also correlated with corticotherapy. 2 Tables. Paper presented at the 3rd Scientific

Assembly of Polish Epidemiologists and Infectologists, Krakow, 5-6 Oct 64.

Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 P.H.

0921 1327

ABUREL, Ye.B.; ~~PETRESCU~~^P, V.D. [Petrescu, V.]

Some problems in the diagnosis and treatment of tuberculosis of the female genital organs; clinical lecture. Akush.i gin. no.6: 68-75 '60. (MIRA 14:1)

1. Iz akushersko-ginekologicheskoy kliniki (dir. - prof. Ye.B. Aburel) Bukharestakogo bol'nitsy "Filantropiya."
(GENERATIVE ORGANS, FEMALE--TUBERCULOSIS)

CARAPANEA, M.; SIMIONESCU-CARAPANEA, Silvia; PETRESCU, D.; BOROS, I.

Ocular modifications in the nonparaphylactic acetylcholinic and the paraphylactic shocks. Studii cerc fiziol 5 no.1:147-152 '60.

(EEAI 9:12)

1. Institutul de fiziologie normala si patologica " Prof. Dr. D.Danielopolu" al Academiei R.P.R.

(EYE) (SHOCK THERAPY) (ACETYLCHOLINE)
(ATROPINE) (MILK)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; DEBAU, M.
STOENESCU, R.

Studies on the hemolysin formation inside the limits of the primary
immune response in the rabbits irradiated with the roentgen rays.
Studii cerc fiziol 5 no.1:219-227 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(HEMOLYSIS AND HEMOLYSINS)
(AGGLUTINATION)
(X RAYS)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; DEBAU, M.
STOENESCU, R.

Variations of the hemolytic complement of serum during the primary
immunization of rabbits treated with the Roentgen rays. Studii
cerc fiziol 5 no.2:421-428 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(HEMOLYSIS AND HEMOLYSINS) (COMPLEMENT FIXATION)
(IMMUNIZATION) (X RAYS)

GHIZARI, Eugenia; SCHIAU, S.; STOENESCU, R.; BOROS, I.; DEBAU, M.;
PETRESCU, D.

Researches on the variations of proteinemia during the process of
active immunization in rabbits radiated with the Roentgen rays.
Studii cerc fiziol 5 no.2:435-444 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(PROTEINS) (BLOOD) (X RAYS) (IMMUNIZATION)

RUMANIA/General Problems of Pathology. Immunity

U-1

Abs Jour : Ref Zhur - No 13, 1958, No 60963

Author : Petrescu Dorin, Mitrica Natalia., Boros Ion., Sahleanu Victor., Romascu Eugenia

Inst : Acad. RPR

Title : Decrease of Immunological Reaction When Homological non-Specific Gamma Globulins are Introduced

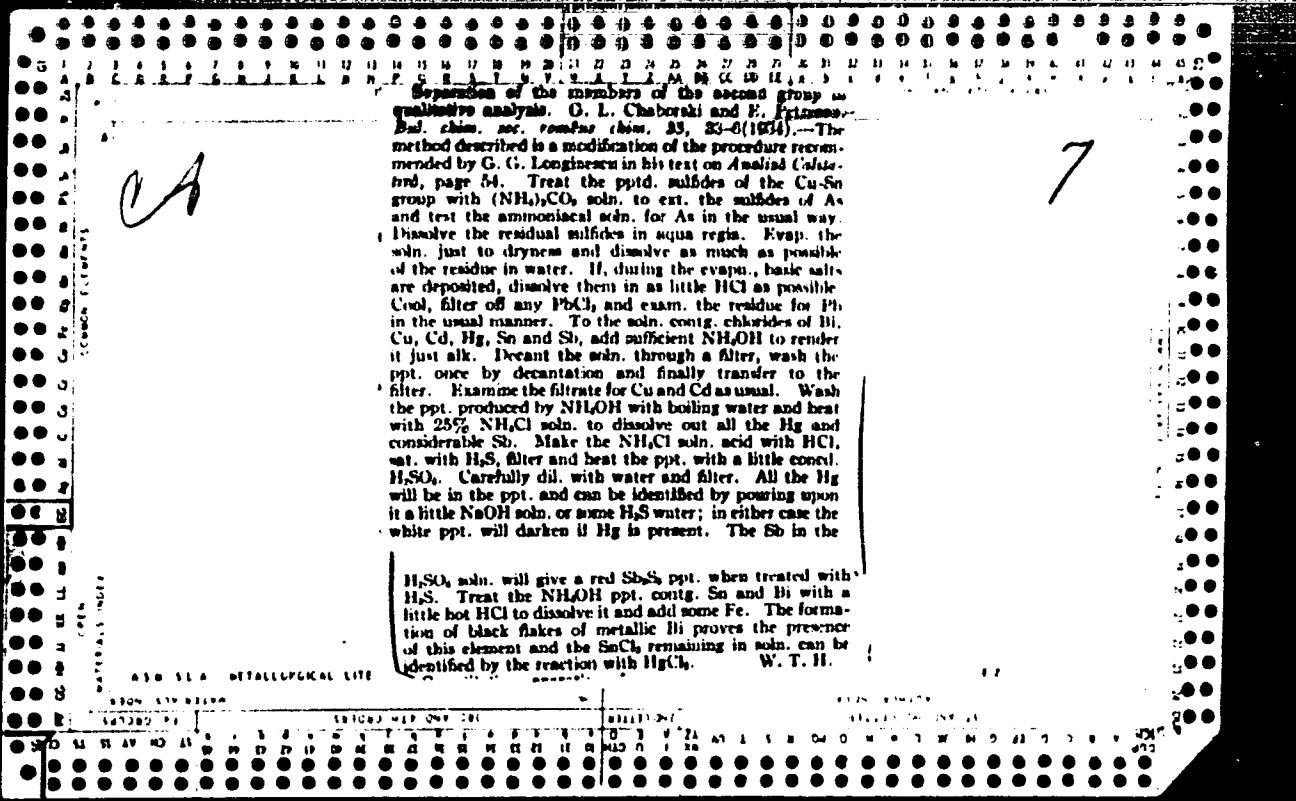
Orig Pub : Studii si cercetari fiziol. Acad. RPR, 1957, 2, No 1-2, 175-185

Abstract : Rabbits (8) when immunized with Proteus X₁₉ received non-specific gamma-globulin. Control animals (8) were only immunized. The production of antibodies in experimental animals was less pronounced than in control animals.

Card : 1/1

BOGDAN, Mircea, ing.; FARSCH, Hans, ing.; OPINCA, Doru, ing.;
PETRESCU, Dumitru, ing.; TAVTA, Ioan, ing.

Tests for improving the variation law of ignition advance in
the TR-211 engine. Constr mas lb no. 1:22-26 Ja '64.



PETRESCU E.

Romania/Pharmacology. Toxicology. Narcotic Drugs

U-1

Abs Jour : Ref Ahur-Biol., No 7, 1958, 32787

Author : Danelopolu D., Corneanu M., Palac M., Fotino S., Stoiculescu P.,
Radescu S., Popescu I., Petrescu E.

Inst : Medical Academy of the Rumanian People's Republic.

Title : Investigation of the Nonspecific Pharmacodynamics of the Action of Soporific
Drugs. Their Application in Experimental Physiology and Therapy.

Orig Pub : Sucrarile Sesiunii stiint. sec. stiinte med. Acad. R. P. R., 1954,
Bucuresti, 1955, 9-48

Abstract : The premise that soporifics affect only the higher nervous centers is contradictory to the premise that all these preparations as a rule act equally on all sections of the neuron. Danielopolu thinks that 2 types of action by the drugs and physical agents should be distinguished: "the interstimulating antagonistic mechanism" and "the corticoendocrine affector mechanism." In order to clarify the mechanism of the action of soporifics the authors investigated the actions of chloral, chloralose, paraldehyde, and luminal. Their influence on the action of the mediators-acetylcholine (I) and histamine (II), and also of the ions of potassium on the uterus of a virgin guinea pig; on the terminal section of the iliac of the same animal; on the straight muscle of frog's abdomen; on the stimulation of the excretion of adrenalin (III) in a dog induced by KCl of 1; on the effect of lll on the blood pressure of animal; and on

Card 1/2