

Begin*
11
628

TUDOR, Dorin, ing. (Bucuresti)

"Flora indicatory of our forests. Contributions to the knowledge of the stational indications of vine beds" by Al. Beldie. Reviewed by Dorin Tudor. *Natura Biologie* 14 no. 1:86 Ja-F. '62.

MANEA, Gheorghe; MUSTAFA, Mustafa R.; TUDOR, Dumitru; VASILICA, Gheorghe

Aspects of the behavior of polyamide as bushing for
bearing materials, Bul Inst Politeh 26 no.1:79-98 Ja-F '64.

1. Chair of Parts of Machines, Polytechnic Institute, Bucharest.

MANEA, Gheorghe, prof., dr., ing.; TUDOR, Dumitru, sef laborator

Use of plastic materials, especially of polyamides, in the construction of aluminum bearings. Metalurgia constr mas 13 no.9:786-795 S '61.

(Bearings(Machinery)) (Plastics)

Tudor, Despina

PAPADOPOL, I.
SURNAME (in caps); Given Names

5

Country: Rumania

Academic Degree: Dr.

Affiliation: The Fattening Pen at Cazanești (Ingrasatoria Cazanești).

Source: Bucharest, Probleme Zootehnice si Veterinare, No 4, 1961,
pp 58-60.

Data: "The Behavior of Indigenous Anti-Aphtous Vaccines in Figs."

Co-authors:

TUDOR, Despina, Veterinarian, The Fattening Pen at Cazanești
(Ingrasatoria Cazanești).
PUCARU, I., Veterinarian, Veterinary Circumscription (Circum-
scriptia Veterinara), Cazanești.

TUDOR, D.

The treasure of Roman imperial denarii from Muntenești, community of
Buhăești, Department of Negrești, Iasi District. p. 379. STUDII SI CERCETARI
STIINTIFICE. Iasi. Vol. 5, no. 3/4, July/Dec. 1954.

So. East European Accessions List Vol. 5, No. 8 August, 1956

TUDOR, D.

"Accuracy of calculations in relation to the structure of timber". p. 35,
(REVISTA PADURIIOR, Vol. 69, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

POPOVICI, Gh.Gh.; MOISA, Lucia; NEGOITA, Margareta; MANOILA, Virginia;
TUDOR, Gh.

On the phenomenon of braking and adapting the nonconditioned inter-
ceptive reflexes during the action of antimalarial substances.
Studii cerc fiziol 6 no.1:47-62 '61. (EEAI 10:9)

1. Institutul de medicina, Iasi, Laboratorul de farmacologie.

(CONDITIONED RESPONSE) (VISCERA) (REFLEXES)
(QUININE) (PALUDRINE) (QUINACRINE)
(CHLORODIMETHYLAMINOMETHYL BUTYLAMINOQUINOLINE)
(SEDATIVE)

TUDOR, GHEORGHE
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Iriena, Vol IX, No 4, Sep-Oct 1961, pp 345-353.

Data: "Remarks on Certain Aspects of Chronic Oxy-carbonism in the Presence of Irritant Gases and High Temperatures."

Authors:

TAT, Mircea, -Dr.-

KELNER, Stefan, -Dr.-

GAMANESCU, Stefan, -Pharmacist.-

LALICI, Sofia, -Engineer.-

TUDOR, Gheorghe, #Hygienist.-

(4)

GPO 981643

TUDOR, G.; POPESCU, O.

The correlation between crude-oil production and the industrial reserve. p. 81.

PETROL SI GAZE. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului) Bucuresti, Rumania. Vol. 10, No. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI) *vol 8* LC/ no. 8, Aug. 1959

Uncl.

POPOVICI, G.G., prof.; MOISA, Lucia; NEGOITA, Margareta; MANOILA, Virginia;
TUDOR, G.

Concerning the phenomena of inhibition and adaptation of interoceptive reflexes to the action of antimalarial drugs. Rumanian M Rev. no.1: 231-233 Ja-Mr '61.

1. Medical Institute, Jassy, Laboratory of Pharmacology, Director:
Prof. Gh. Popovici.

(REFLEX pharmacology)

(ANTIMALARIALS pharmacology)

TUDOR, Gh.; TONU, Haralambie, tehnician; FAROGA, Emil, corespondent

From the prefabrication plants. Constr Buc 16 no. 739:2
7 March '64.

TUDOR, Ion

Three front-rankers in competition. Constr Buc 16 no.745:2
18 Ap '64.

1. Secretarul organizatiei de baza a Partidului Muncitoresc
Roman.

STAN, L.; OPREA, St.; ABRAMIUC, I.; MORCOV, I.; TUDOR, I., prof. (Bacau)

On the geography manual for the 9th class. Natura Geografie 15 no.2:
53-58 Mr-Apr '63.

TUDOR, I.; CALGAIANU, Gb.; SERBANESCU, T.

Special electro-clinical aspects of petit-mal epilepsy. Stud.
cercet. neurol. 10 no.2:125-134 Mr'65.

SERBANESCU, T., dr.; TUDOR, I., dr.; CALGAIANU, Gh., dr.

Activation with baytinal in electroencephalography. I. Activation in epilepsy. Neurologia (Bucur) 10 no.2:167-182 Mr-Ap'65.

1. Lucrare efectuata in Sectia clinica a Institutului de neurologie al Academiei Republicii Populare Romine.

STOICA, I.; MARCOVIGI, N.; TUDOR, I.

The influence of experimental cerebral hypoxia on convulsive responses to cardiazol. Rev. sci. med. 8 no.3/4:173-179 '63.

(CONVULSIONS) (PENTYLENETETRAZOLE)
(CEREBRAL ANOXIA) (CEREBROVASCULAR DISORDERS)
(EPILEPSY) (CAROTID ARTERY THROMBOSIS)
(ELECTROENCEPHALOGRAPHY)

TUDOR, Ion, correspondent

A beginning with promises. Constr Buc 16 no. 740:2
14 March 1964.

TUDOR, M.

Contributions to the knowledge of the Sarmatian in the
Rusavat region. Bul Inst Petrol Rum no. 10:23-31 '63.

TUDOR, Mihai

Rumanian selection of the public control teams. Munca sindic 6 no. 12:
52-55 D '62.

1. Secretar al comitetului sindicatului de la Santierul Naval
"1 Mai", Braila.

RUMANIA/Human and Animal Physiology - Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31905

Author : Koppich Francisc, Blanc Golda, Tudor Rodica

Inst : -

Title : Investigation of the Clinical Value of the Bromosulphthalein Test for Diseases of the Liver.

Orig Pub : Viata med., 1957, 4, No 7, 34-51.

Abstract : On the basis of results of 309 tests in 225 patients with afflictions of the liver and bile tracts, the authors recommend the bromosylphthalein test as a simple, safe and sensitive test in doubtful cases and during unclear results of tests of the lability of albumins.

Card 1/1

- 84 -

TUDOR, Radu, ing.

Levels of the Dambe. St si Teh Buc 15 no.9:14-15 8 '63

TUDOR, R., ing.

Giants of the agricultural fields. St si Teh Buc 14 no. 7:30-31
J1 '62.

TUDOR, Radu, ing.

Simca 1300/1500. St si Teh Buc 17 no.3:37 Mr '65.

TUDOR, R. ✓

~~STUDIA~~ (in caps); Given Name

Country: Rumania

Academic Degrees: Engineer

Affiliation: not given

Sources: Bucharest, Stiinta si Tehnica, No 3, Mar 1961, pp 3-5.

Data: "Machines from Standardized Elements."

VARRO, A., ing.; TUDOR, Radu, ing.

Continuous improvement of technical and material supplying.
Probleme econ 16 no.6:143-144 Je '63.

1. Director tehnic, Uzina de constructii metalice si masini agricole Bocsa II (for Varro). 2. Director tehnic, Ministerul Metalurgiei si Constructiilor de Masini - D.G.M.R.C.N. - serviciul tehnic (for Tudor).

TUDOR, S., ing.

Systems of planting grapevines and trees on sloping soils.
Rev geodezie 8 no. 2:41-53 '64.

1. Higher Council of Agriculture.

TUDOR, S.

Dynamic behavior of electromagnetic relays in vibrations and shocks. p. 86

REVISTA CALOR FERATE. (Calle Ferate Romine) Bucuresti, Rumania; Vol. 7, no. 2,
Feb. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 9, Sept. 1959

Uncl.

L 1214-66 EWP(v)/T/EWP(k)/EWP(h)/EWP(l)/ETC(m) W

ACCESSION NR: AP5025835

RU/0005/65/000/005/0178/0179

AUTHOR: Tudor, Stefan Bebe (Engineer)

18

TITLE: Characteristics of technical labor-rating in the postal and telecommunica-
tion fields

SOURCE: Telecommunicatii, no. 5, 1965, 178-179

TOPIC TAGS: telecommunication industry, postal system, labor policy

ABSTRACT: A discussion of the essential characteristics involved in the setting of
work norms on the basis of technical criteria in the postal and telephone-telegraph
services of Rumania. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, EC

NR REF SOV: 000

OTHER: 000

JPRS

mlb
Card 1/1

TUDOR, T.

Contradictions in the agrarian policy of the "Common Market" countries.
Probleme econ 15 no.1:118-125 Ja '62.

TUDOR, Sh. N.

Construction of electric interlocking systems in Rumania. Avton.
telem. i sviaz' 4 no.11:26-27 N '60. (MIRA 13:11)

1. Nachal'nik 1-y seksii tsentralizatsii i teleupravleniya Stalinskoy
dorogi Rumynskoy Narodnoy Respubliki.
(Rumainia--Railroads--Signaling)

TUDOR, V.; DOGARU, D.; POPESCU, A.; DRAGOMIR, V.

Serological diagnosis of paratyphoid fever A after administration of reticulin to subjects of T.A.B. vaccination. Rev. igiena microb. epidem., Bucur. 1:48-58 Jan-Mar 55.

1. Lucrare efectuata ia Serviciul de boli contagioase al Spitalului militar ce central.

(PARATYPHOID FEVER, diagnosis serodiag. of paratyphoid A after admin. of reticulin to T.A.B. vaccinated subjects.)

(RETICULIN test in serodiag. of paratyphoid A, in T.A.B. vaccinated subjects.)

(VACCINES AND VACCINATION TAB vaccination for paratyphoid A reticulin test of vaccinated subjects.)

Tudor V.
CAJAL, H.; TUDOR, V.; BABA, C. LITMAN, S.; BOERU, V.

Study of the dynamics of serum aldolase activity in patients of epidemic hepatitis. Stud. cercet. inframicrobiol., Bucur. 8 no.3:335-340 1957.

1. Comunicare prezentata in sedinta Institutului de inframicrobiologie al Academiei R.P.R., din 28 aprilie 1957.

(HEPATITIS, INFECTIOUS, blood in
aldolase, diag. & progn. value of determ.)
(DESMOYASES, in blood
aldolase, in infect. hepatitis)

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59

374. EPIDEMIOLOGICAL CONSIDERATIONS ON ALIMENTARY TOXI-INFECTI-
TIONS DUE TO S. TYPHIMURIUM-INFECTED EGGS, WITH REFERENCE
TO AN ALIMENTARY TOXI-INFECTIOIN INVOLVING 200 CASES - Co-
siderații epidemiologice asupra toxiinfecțiilor alimentare cauzate de ouă
infectate cu S. typhi murium cu referințe la o toxiinfecție alimentară totaliz-
ând 200 de cazuri - Tudor V., Dogaru D., Ivănescu A. and
Mihalache Gh. - MICROBIOL. PARAZITOL. EPIDEMIOL. 1958, 3/1
(40-54)

EXCERPTA MEDICA Sec. 6 Vol 13/12 Internal med. Dec 59
6952. EPIDEMIOLOGICAL VALUE OF THE ALDOLASE TEST IN INFECTIOUS
HEPATITIS - Valoarea epidemică a testului aldolazei serice în hepatită
epidemică - Tudor V., Litman S., Boeru V., Baba C. and
Cajal N. - VIATA MED. 1958, 5/9 (789-797) Graphs 1 Tables 1
By carrying out 326 serum aldolase tests in contacts of infectious hepatitis in 2
closed communities, it was possible to detect the cases of icterogenic infectious
hepatitis already during the incubation, and also the anicteric, ambulatory and in-
apparent cases, whose consequent isolation led to liquidation of the epidemic focus
by neutralization of the source of infection. At present, the serum aldolase test is
the only one permitting detection of the disease during the incubation, whereas
the usual routine tests are negative. By the early detection of the hepatitis, and by
the diagnosis of the anicteric or inapparent forms, it becomes possible to start
treatment early. Thus, the course is improved and the number of post-hepatic
sequelae reduced. The method can also be used for the detection of virus carriers,
so as to exclude them as blood donors. Pecurariu - Orasul Stalin (L, 6, 17)

EXCERPTA MEDICA Sec 6 Vol 13/0 Internal Med Sent 50

5203. CONTRIBUTIONS CONCERNING THE ELIMINATION OF 17-KETO-
STEROIDS IN VIRUS HEPATITIS - Contribuții asupra eliminării 17-ceto-
steroidilor în hepatita virotică - Tudor V., Litman S., Apreos-
tesei C. and Efanov A. - MED. INTERNA (București) 1958, 10/10
(1521-1528, Graphs 2

In 23 patients there was a considerable fall in excretion of these steroids in the
course of the disease, and a slight response 24 hr. after administration of 50 mg.
of ACTH. This test may give information on the course and prognosis of the dis-
ease. Nicolaeșco - Bucharest (L, 6)

RUMANIA

TUDOR, V., Colonel, Medical Corps; NICOLAU, Gh., Lieutenant-Colonel, Medical Corps; and DOGARU, D., Lieutenant-Colonel, Medical Corps.

"Criteria of Identification of Methods of Hospitalization in Patients with Epidemic Hepatitis in Military Units"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; p 325

Abstract: Brief data on 250 cases of epidemic hepatitis in soldiers hospitalized during the period of June 1963 to June 1965. Close medical supervision and convalescence with limited duties for 4 to 6 months is urged.

1/1

- 20 -

RUMANIA

DOGARU, D., Dr, Lt-Col, DEDIU, St., Dr, MIHAILESCU, Fl., Dr, and
TUDOR, V., Dr, Col [affiliation not given]

"Drug Hepatitis. In Connection with an Acute Intoxication with
'Suplin' ('Anapetol')."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66,
pp 225-235.

Abstract: After reviewing possible harmful effects of drugs
on the liver, the authors present and discuss a case history
of acute hepatitis caused by the use of Suplin, a phenometra-
zine drug widely used to treat obesity. Difficulties of esta-
blishing a correct diagnosis, especially of differentiating be-
tween various forms of epidemic hepatitis, are examined, and the
use of morphologic tests in addition to clinical examination
is strongly urged.

Includes a bibliography with 31 entries, of which 10
Rumanian, 2 Russian, 4 German, 2 French and 11 English-language.
-- Manuscript submitted 4 August 1965.

1/1

I 33224-66 T JK
ACC NR: AP6025160

SCURCE CODE: RU/0012/65/061/004/0617/0622

AUTHOR: Tudor, V. (Doctor; Colonel); Dogaru, D. (Doctor; Lieutenant colonel)

21
B

ORG: none

TITLE: Antirabies prophylaxis in military environment. Considerations on the results obtained in the past 5 years.

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 617-622

TOPIC TAGS: preventive medicine, military medicine, rabies, wound

ABSTRACT: During the past 5 years, the Central Military Hospital administered anti-rabies prophylaxis to 38 persons. Of these, 35 had been bitten, 2 scratched, and one licked on an existing wound by a suspect animal. The authors emphasize the importance of preventive treatment for rabies and of acquainting military physicians with the proper procedures. [JPRS: 33,500]

SUB CODE: 06/ SUBM DATE: 26Feb65/ ORIG REF: 010

LS
Card 1/1

0916

0509

RUMANIA

TUDOR, V., Col, Dr, and MIHAILESCU, Florica, Dr [affiliation not given]

"Clinical and Epidemiological Considerations of Cases of Epidemic Hepatitis of Parenteral Transmission in Patients Hospitalized in 1961 at the Section of Contagious Diseases of the Central Military Hospital."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 467-475.

Abstract: States that while the incidence of epidemic hepatitis increased in Rumania, there was a slight decrease among military personnel; this is attributed to "better conditions" in the military collectives. The authors emphasize the problems associated with the transmission of the disease, especially parenteral transmission. Of the total number of cases hospitalized in 1961, 178 cases (54.9 percent) were due to parenteral infection. Grouped in categories with regard to the certainty of parenteral infection are discussions as to the evolution of the disease, the icteric period, the clinical characteristics and the duration of the disease.

Includes 1 French and 8 Rumanian references.

1/1

22

MARINESCU, G.; GALEA, I.; IONESI, I.; TUDOR, V.; DOGARU, D.; NICOLAU, G.
MIKHAIILESCU, F.

Study of the elimination of 17-ketosteroids in mumps. Stud. cercet.
inframicrobiol. 13 no.2:197-201 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.
(MUMPS urine) (17-KETOSTEROIDS urine) (ADRENAL CORTEX physiology)

TUDOR, V., dr.; NICOLAU, Gh., dr.

Contribution to the use of method of dispensary outpatient treatment
in chronic post-viral hepatitis. Med. intern. 13 no.11:1515-1521
N '61.

(HEPATITIS INFECTIOUS therapy)
(HOSPITAL OUTPATIENT SERVICE)

TUDOR, V.; LITTMAN, S.; ENACHE, St.

Delta-cortisone in the treatment of viral hepatitis. Probl.
ter., Bucur. 10 no.3:63-69 '59.
(HEPATITIS INFECTION, therapy)
(PREDNISON, therapy)

CIRSTEA, D., ing. (Craiova); MATHE, B., ing. (Craiova); OGREZEANU, St.,
ing. (Craiova); PANOLU, A., ing. (Craiova); TUDORACHE, C., ing.
(Craiova).

Studies on the commutating capacity of the IUP-110 switch, under
laboratory and network conditions. Pt. 1. Electrotehnica 12 no.4:
132-141 Ap '64.

1. "Electroputere" Plant, Craiova.

IONESCU, T.; FLOARNA, M.; STOICA, F.; TUDORACHE, G.

Recovery of vanadium from used catalysts with the aid of ion exchange. Bul Inst Politeh 25 no.6:77-81 N-D '63.

TUDORAN, C., candidat in stiinte economice; TEODORESCU, Gh.

"Publicity and advertising in socialist trade" by T. Pavel.
Reviewed by C. Tudoran, Gh. Teodorescu. Probleme econ. 16 no. 8:
149-154 Ag'63.

EXCERPTA MEDICA Sec.6 Vol.12/4 Internal Med. April 58
TUDORAN, Ch.

2330. THE PATHOGENESIS AND TREATMENT OF HAEMOPHILIA - Contributo
allo studio della patogenesi e del trattamento dell'emofilia - Tudoran Ch.
Pavelescu C., Niculescu M. and Brinzei P. 1^a Clin. Med.,
Ist. Med. -Farmaceut. di Bucarest - MINERVA MED. (Torino) 1957, 48(1)/
31 (1289-1291)

Transfusion of stored blood is efficacious. For prophylaxis of the affection, ad-
ministration of folliculin is recommended. Bounameaux - Liège

TUDORAN, C., candidat in stiinta economice

"Capital investment and fixed funds in the U.S.A. and U.S.S.R."
by I.B.Kvasa. Reviewed by C.Tudoran. Probleme econ 16 no.11:
150-152 N'63.

TUDORAN, C., candidat in stiinta economice

On the determination of socialist trade. Problema econ 16
no. 7:26-34 JI '63.

RUMANIA / Human and Animal Physiology. Blood.

T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41241.

Author : ~~Tudoran, Gh.~~; Niculescu, M.; Cahan, G.

Inst : Not Given.

Title : Anemia, Thrombocytopenia and Leucopenia of Immunological Origin.

Orig Pub: Med. interna, 1957, 9, No 6, 841-847.

Abstract: No Abstract.

Card 1/1

56

RUMANIA/Human and Animal Physiology - Blood. Blood Coagulation. T-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84077

Author : ~~Tudoran, Gh.~~ Pavelescu, C., Niculescu, M., Herscovici, R.,
Marculescu, Gr.

Inst : -

Title : New Discoveries in the Field of Study of Factors Accelerating Blood Coagulation.

Orig Pub : Mod. interna, 1956, 8, No 2, 189-192.

Abstract : No abstract.

Card 1/1

TUDORAN, Gh.; NICULESCU, M.; CAHAN, G.

Anemias, thrombopenias and leukopenias of an immunological nature.
Med. int., Bucur. 9 no.6:841-846 June 57.

1. Cercetari din Clinica I Medicala, Iasi.

(ANEMIA, immunol.

antibody detection & behavior, diag. & ther. significance)

(BLOOD PLATELETS

thrombopenia, immunol., diag. & ther.)

(LEUKOCYTES

leukopenia, immunol., diag. & ther.)

TUDORAN, Ch., Prof.; PAVELESCU, C., dr.; NICULESCU, M., dr.;
HERSCOVICI, R., dr.; MARCULESCU, Gr., dr.

Accelerating factors in blood coagulation. Med. int., Bucur.
8 no.2:189-192 Apr-May 56.

(BLOOD COAGULATION
accelerating factors in patients treated with ethyl
biscoumacetate)
(ETHYL BISCOUMACETATE, effects
on coagulation accelerating factors)

TUDORAN, I.

A year since the astronomical circle of the Cluj students
was founded. Gaz mat fiz 14 .5:275-278 My '62.

1. Conducatorul Cercului de astronomie al elevilor din orasul Cluj.

Tudoran, P.; RADU, A.

Frame-saw blades made of domestic steel. p. 364.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Tehnicienilor
din Romania si Ministerul Industriei Lemnului) Bucuresti, Rumania.
Vol. 8, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,
Feb. 1960

UNCL.

TUDORAN, Petre, ing.; LUCA, Gheorghe, ing.; APETREI, Gheorghe, ing.

Determining the adherence of some Rumanian and foreign
enamels by using a sensitive quantitative method. Industria
usoara 9 no.8:296-299 Ag '62.

TUDORAN, P., ing.; RADU, A., ing.; FITERAU, Victoria, ing.

Increasing the splintering capacity of woodprocessing tools.
by cyaniding treatment. Ind lemmului 15 no.6/7:231-236 Je-Jl
'64.

HOCIOTA, D.; TUDORAN, Stela

Emergency interventions in nephrosurgery. Rumanian med. rev. 19
no.1:78-83 Ap-Je'65.

HURMUZACHE, E., prof.; TUDORANU, A., dr.; FULGA, V., dr.; MANAILA, V., dr.;
VEXLER, T., dr.

Therapeutic and prophylactic treatment of rheumatic children in
the convalescent period. Med. intern. 14 no.7:877-882 J1 '62.

1. Lucrare efectuata in Clinica de pediatrie (director prof. E.Hurmuzache).
(RHEUMATIC FEVER) (RHEUMATIC HEART DISEASE)

HURMUZACHE, E., prof.; BARBUTA, R., dr.; TUDORANU, A., dr.; DOBRESCU, G., dr.;
MANAILA, V., dr.

Contribution to the study of essential hypertension with cerebral
hemorrhage in children. *Pediatria (Bucur)* 14 no.1:19-23 Ja-F'65.

1. Lucrare efectuata in Clinica de pediatrie, Iasi.

HURMUZACHE, E., prof.; BAREUTA, R., dr.; TUDORANU, Aurelia, dr.

Unusual dyschondroplasia associated with amyloidosis. *Pediatria*
(Bucur) 14 no. 2:161-164 Mr-Apr'65.

1. Lucrare efectuata in Clinica de pediatrie, Iasi (prof.
M. Hurmuzache).

TUDORANU, G., and others.

Effect of excitation of duodenal chemoreceptors by histamine on the
motility of the stomach in ulcerous diseases. p. 771
COMUNICARILE. Bucuresti,
Vol. 5, no. 4, Apr. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2,
February 1956

✓ Studies of the chloro-glycemic equilibrium in ulcerous
disease. *Napolsen, G. and Brind, E. P. (1963), C.*
Pavlescu, and E. Brind. Acad. rep. populare-Romana
Filiala Iasi, Studii cercetari stiint. 3, No. 1/4, 289-94 (1963).
The variations of the chloro-glycemic equil. was studied in
24 patients with ulcers in whom artificial hypoglycemia was
induced. The results show that the increase of glucose in the blood
the increase of glucose in the blood is similar to that found
found in diabetic persons. It was concluded that previous
hypoglycemia is a factor in the development of diabetes.

5
Handwritten mark

11E

CA

The influence of the intestinal absorption of the vitamins A, B₁, C and D on the motility of the human stomach (viscerography). G. Tudoranu and C. C. Dimitriu; *Bull. acad. med. Roumanie* 6, 126-9 (1941) (in French); *Cl. C. A.* 33, 8309^a, 8755^a, 8816^a.—The duodenal absorption of vitamin A (Vogau) and B₁ (Betabion) produces an increase in the gastric motility almost immediately after the injection, that of vitamin C (Cantan) and D (Vigantol) produces this increase after a period of inhibition of the motility. The tonicity of the stomach, however, remains high. George Nachod

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PROCESSES AND EXPERIMENTAL

117

ca

Effect of intestinal absorption on gastric chemism in man. G. Tudoranu, C. C. Dimitriu, L. Wasserman and B. Heimann. *Rev. med. Roumanie* 3, 399-408 (1958) (in French); cf. C. A. 53, 8889. --The duodenal absorption of broth, glucose, olive oil, NaHCO₃, HCl, water of Slanic (No. 3), gastric juice and NaCl inhibits the secretion of the stomach. Glycerol, histamine, water, MgSO₄, ext. of spinach, ethylac. and pentose stimulating action on the total acidity and on the lactic acid production. George Nachev

ASMA-SLA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED

FILED

HURMUZACHE, F.; BRATIANU, S.; BURDEA, M.; BRITIANU, A.; TUDORANU, A.; DOBRESCU,
C.

Musculo-cutaneous biopsy in diagnosis of latent forms of infantile
rheumatism. Probl. reumat., Bucur. no.5:83-84 1958.

1. Clinica de pediatrie si Laboratorul de anatomie patologica Iasi.

(RHEUMATIC HEART DISEASE, diagnosis

musculo-cutaneous biopsy of musculo-tendinous region of
knee, in child.)

(MUSCLES, pathology

biopsy of musculo-tendinous region of knee in rheum. dis. in
child.)

1ST AND 2ND ORDERS 3RD AND 4TH ORDERS

PROCESSED AND PROPERTIES INDEX

CV

Influence of rectal absorption on the motor reactions of the human stomach (viscerography). G. Luchianu, C. C. Dimitriu and M. Vasilin. *Bull. Acad. Sci. Roumanie* 4, 315-19(1969)(in French); cf. preceding abstr. The effects of rectal absorption of carbonic acid in the form of carbonated water, alk. (10%), sodium chloride in physiol. concn., water of Slane No. 3, magnesium sulfate (4%) and sodium bicarbonate (3%) were studied. There is a latent period of 3-20 min. after their introduction in the rectum before effects are observed. Most of them produce at first an increase of gastric motility followed by a decrease. Magnesium sulfate and sodium bicarbonate show only the latter effect. G. N.

118

ABB. S.C.A. METALLURGICAL LITERATURE CLASSIFICATION

SECTION SYMBOLS SECTION SYMBOLS

| | | | |
|---|---|---|---|
| SECTION #2 | SECTION #1 ONLY ONE | SECTION ONE | SECTION ONE ONLY ONE |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |

PROCESS AND PROPERTIES - 604

114

The influence of gastric and duodenal absorption of the water of Slanic (No. 3) on the motility of the stomach. G. Tudoranu, C. C. Dimitriu and T. Tanasoca. *Bull Acad. med. Roumanie* 3, 504-8(1938)(in French).—The action of the water of Slanic No. 3 (an alk. water contg. chlorine, sodium and bicarbonate) introduced into the duodenum and stomach (150 cc. heated to 37°), resp., is studied in the full period of gastric contractions by the viscerographic method of D. Danielopolu on subjects with normal digestion. A double action on the gastric motility is observed, i. e., a short period of inhibition followed by an increase of the gastric contractility. Explanations of the phenomena are suggested. The influence of gastric absorption of the water of Slanic (source No. 3) on the motility of the duodenum. *Ibid.* 509-10.—The effect of the water of Slanic No. 3 administered orally (200 g. heated to 37°) to individuals with normal digestion is studied on the duodenum by the viscerographic method of Danielopolu. A period of increase of the duodenal contractions is observed and explanations of its mechanism are suggested. George Nachol

A.S.B.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| A.S.B.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION | | | | | | | | | |
| MATERIALS INDEX | | | | | | | | | |
| A.V. INDEX | | | | | | | | | |
| 1ST AND 2ND GROUPS | | | | | | | | | |
| 3RD AND 4TH GROUPS | | | | | | | | | |

TUDORANU, Gh., prof.; POPA, Gh., dr.; DOBRESCU, Gioconda, dr.

Contributions to the study of osteomyelosclerosis. Med. intern. 15
no.1:31-37 Ja '63.

1. Clinica I medicala, Institutul de medicina, Iasi.
(MYELOFIBROSIS) (OSTEOSCLEROSIS)

TUDORANU, Gh., prof., dr.; POPA, Gh., dr.; POPOVICI, Maria, dr.; ROSIN, Angela,
dr.; MIHAIL, E., dr.; VACARU, Olimpia, dr.

The concept of leucosarcomatosis. Med. intern. 14 no.10:1153-1159
0 '62.

1. Lucrare efectuata in Institutul de medicina Iasi Clinica I
medicala (prof. Gh. Tudoranu).
(LEUCOSARCOMA) (LYMPHOSARCOMA)

TUDORANU, Gh., prof.; POPA, Gh., dr.; ROZIN, A., dr.; BERNEAGA, O., dr.

Eosinophilic leukemoid syndrome of allergic origin. Med. intern.,
Bucur 12 no.7:1107-1109 J1 '60.

1. Lucrare efectuata in Clinica I medicala, Iasi, director prof.
Gh. Tudoranu.
(ALLERGY, case reports) (EOSINOPHILIA, case reports)
(LEUKEMIA, diagnosis)

TUDORANU, Gh., prof.; POPA, Gh., dr.; ROZIN, Angela, dr.; HERSCOVICI,
Basela; POPESCU, Olimpia, dr.

Contribution to the study of non-pernicious megaloblastosis.
Med. intern., Bucur 12 no.11:1609-1617 N '60.

1. Lucrare efectuata in Clinica I medicala, Iasi, director: prof.
Gh. Tudoranu.

(ANEMIA, HYPERCHROMIC etiology)
(ANEMIA, APLASTIC, case reports)
(LEUKEMIA case reports)

EXCERPTA MEDICA Sec 6 Vol 14/6 Internal Med. June 60

3865: THE EFFECT OF IONIZING RADIATIONS ON THE ANTITHROMBO-
PLASTIN IN HAEMOPHILIC PATIENTS. (PRELIMINARY NOTE) -
Actiunea radiațiilor ionizante asupra antitromboplastinei hemofilicilor.
(Notă preliminară) - Tudoranu Gh., Mageru V., Pavelescu C.,
Enescu I., Niculescu M., Hergovici R. and Marculescu
G. - COM. ACAD. R. P. R. 1958, 8/12 (1323-1327) Tables 3

A study was made of the effect of ionizing radiations (uranium, cobalt) on the
oxalated plasma of patients with haemophilia. It was found that in haemophiliacs
the antithromboplastin is considerably decreased by such radiations. The anti-
thromboplastin activity was determined by titration. (XIV, 6)

TUDORANU, Gh., prof.; BARAN, Elena, dr.; NICULESCU, Gr.; MORARESCU, St., dr.;
Considerations on 2 cases of paroxysmal hemoglobinuria "a frigore".
Med. intern. 13 no.10:1395-1400 0 '61.

1. Institutul de medicina Iasi, Clinica I medicala (prof. Gh. Tudoranu)

(HEMOGLOBINURIA, PAROXYSMAL case reports)

PROCESSES AND PROPERTIES INDEX

11a

CA

The action of urethan and heat in the coagulation of blood with some vitamin systems. Gh. Tudorana, I. Poni, and Gh. Creteanu. *Bull.icole polytech. Jassy* 3, 463-8(1948)(in French).—Urethan and heat were employed as inhibitors of the anticoagulation of 2 vitamin systems: nicotinic-ascorbic acid, pH 5.8, and nicotinic acid-thiamine, pH 6.2. To 5 cc. nicotinic acid, 10 cc. ascorbic acid, and 1.1 ml. 100% ethylurethan, in a water bath 30 min. at 45°, was added 4.5 ml. fresh blood, which coagulated in 3 min. When the mixt. was centrifuged before adding the urethan, coagulation took place in 90 sec. With 5 cc. nicotinic acid, 2.5 cc. thiamine, 1.1 ml. ethylurethan, and 4.5 ml. fresh blood, there was coagulation in 3 min. at 45°, and in 45 sec. when the mixt. was centrifuged before the urethan was added. When 3 ml. plasma of the nicotinic-ascorbic acid system was heated in a water bath to 45° coagulation did not take place. When 3 ml. plasma of the nicotinic acid-thiamine system was heated in a water bath to 45°, flocculation took place in 8-10 min. Urethan presumably caused coagulation because of the oxidation of the -SH groups.

W. T. S., Jr.

A 53-51A METALLURGICAL LITERATURE CLASSIFICATION

E 2

REGIONAL SOCIETY

MATERIALS INDEX

COMMON VARIANTS INDEX

COUNCIL ELEMENTS

OPEN

MATERIALS INDEX

TUDORANU, Gh., prof.; BERNEAGA, Ortansa, dr.; TURCANU, H., dr.; NEGOITA, Margereta, dr.; VACARU, Olimpia, dr.; MARINESCU, C., dr.; BORGovan, Lucia, dr.

Experience of the Medical Clinic I of Iasi in the problem of bone marrow transplantation. Med. intern. 14 no.10:1245-1251 0 '62.

1. Lucrare efectuata la Clinica I medicala Iasi si Centrul de transfuzie Iasi.

(BONE MARROW) (LEUKOPENIA) (BONE MARROW DISEASES)
(RADIATION INJURY) (LEUKEMIA)

RUMANIA / Microbiology - Sanitary Microbiology. F-3

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38427.

Author : Tudoranu, H., Stavri, Gr., Cuciureanu, G., Nutescu,
O., Ionescu, M., Birzu, N., Ovanescu, A.

Inst : Not given.

Title : Some Data on Occurrence of Hemolytic Streptococci
in the Air of Classrooms and Rooms of a Scarlet
Fever Hospital.

Orig Pub: Rev. microbiol., parazitol. si epidemiol., 1956,
1, No 1, 51-56.

Abstract: During a scarlet fever epidemic and during the non-
epidemic period, the prevalence of hemolytic strep-
tococci was determined in the air of classrooms and

Card 1/2

RUMANIA / Microbiology - Sanitary Microbiology.

F-3

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38427.

Abstract: scarlet fever hospital rooms. Petri dishes with blood agar were exposed for 1 hour in the rooms under study; hemolytic streptococci isolated were identified serologically. The authors concluded that by isolating hemolytic streptococci on plates only a very approximate picture of the degree of air contamination in rooms can be obtained. Epidemiological investigation should always be accompanied by a serological identification of strains isolated. It should always be borne in mind that at different times different strains of hemolytic streptococci are found. The relationship between endemic strains of hemolytic streptococci and strains isolated during the period of scarlet fever epidemic should also be taken into account.

Card 2/2

3

TUDORANU H.

CORNELSON, Da.; ZAMFIR, Gh.; SECHTER, I.; TUDORANU, H.; STAVRI, Gr., in collaboration with M. Cotrau, V. Nastase, P. Ababei, I. Wanta, M. Ionescu, M. Filipine, A. Sechter, V. Copel, A. Balasopol si E. Bostan

Studies of methods of control of water systems with intermittent distribution. Probl. ter., Bucur. no.7:7-18 1957.

1. Laboratoral de igiena generala si sommunala, Institutul de Medicina Iasi, Institutul de igiena R.P.R., Filiala Iasi, Sanepidul orasenese Iasi si Laboratoral sanepidului regional Iasi.

(WATER SUPPLY, microbiology testing of systems with intermittent distribution, problems & methods)

CHELARESCU, Al., prof.; NICHITA, O.; PAUNEL, Elisabeta; TUDORAS, A.

Study of the oolitic limestones of Scheia, in the region of Iasi.
Studii fiz tehn Iasi ll no.1:51-58 '60. (EEAI 10:3)

1. Comitetul de redactie, Studii si cercetari stiintifice, Fizica
si stiinte tehnice, Membru (for Chelarescu).
(Rumania--Oolite)

TUDORAS, A.

| | | |
|------------------|--|-------|
| COUNTRY CATEGORY | Rumania | B-13 |
| ABS. JOUR. | ALPHA., No. 21 1959, 50. | 79619 |
| AUTHOR | Chelarescu, A., Ursescu, G., Nicita, O., Mihalac | |
| TITLE | Inst Polytechnic Institute A Method for the Determination of the Composition of Large-Pore Concrete. I, II. | |
| ORIG. PUB. | Bul Inst Politehn Iasi, 3, No 3-4, 271-280 (1957) | |
| ABSTRACT | The results from laboratory studies undertaken for the purpose of determining the effect of various factors on the thickness of the film of hydrated cement surrounding the particles of aggregate are given. The data obtained permit a calculation of the optimum cement/water ratio for a given grade of large-pore concrete. Ye. Matlis | |
| CARD: 1/1 | A. Pannel, K. Diaz, V. Tudoras, A. Dumitrescu, I. Ciobotaru, V., and Orlovskii, N. | |

TUDORAS, A.

RELEVANCE / Cosmochemistry, Geochemistry, Hydrochemistry.

Abstr Jour : Ref Zhur - Khim., No 15, 1958, No 49905

Author : Cholaroscu, N.I. / Nichita Orest, Paunel Elisabeta, Mihail
Anatolie, Tudora ~~Andra~~ Dumitrescu, I., Ciobotaru, Victor;
Constantin, Florin.

Inst : Polytechnical Institute, Iasi.
Title : Study of Building Materials from Napoca-Iasi Range.

Orig Pub :

Abstract : Detailed technical and geological description and results of
lithological and chemical analyses and of physico-mechani-
cal tests of natural building materials from the region of
the town of Iasi, as limestones, sands and clays, are
presented. -- G. Verob'yov.

Card 1/1

VASILESCU, V.; TUDORAS, T.

Experimental researches on the influence of physical effort and conditions of environment upon basal metabolism. Studii cerc fiziol (EEAI 10:2) 5 no.2:315-320 '60.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii si cercetari de fiziologie, redactor responsabil adjunct (for Vasilescu)
(MAN) (METABOLISM)

EXCERPTA MEDICA Sec 3 Vol 13/19 Endocrinology Oct 50

1861. THE ROLE OF THE CNS IN THE REGULATION OF THE SECRETORY
ACTIVITY OF THE PARATHYROID GLANDS (Russian text) - Benetato
G., Oprishiu K., Tudorash T. and Kon-Derevenko V. - PROBL.
ENDOKR. 1957, 2 (26-32)

The existence of a central nervous mechanism in regulation of the activity of the
parathyroid glands was established by experiments performed on 40 dogs. The
method of isolated head with preserved spinal cord, combined with perfusion of the
isolated parathyroid glands with preserved nerve connections, and the method of
conditioned reflexes were employed.

(6)

TUDORASH, T.

HEMETATO, Gr., akademik (Rumyniya, g.Kluzh); OPRISHIU, K. (Rumynia, g.Kluzh);
TUDORASH, T. (Rumyniya, g.Kluzh); KON-DEREVENKO, V. (Rumyniya ,
g. Kluzh)

Role of the central nervous system in regulating the secretory activity
of the parathyroid glands. [with summary in English, p.124-125
Mr-Apr '57. (MIRA 10:10)

1. Iz kafedry fiziologii Kluzhskogo meditsinskogo instituta
(Rumynskaya Narodnaya Respublika).
(PARATHYROID GLANDS, physiol.
role of CNS in regulation of secretory activity (Rus))
(CENTRAL NERVOUS SYSTEM, physiol.
role in regulation of secretory activity of parathyroid
glands (Rus))

TUDORICA, D. M., ing.

Cyclamen culture. St si Teh Buc 13 no.7:27 J1 '61.

FEDERICA, D. M.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 7, Jul 1961, pp 27.

Data: "The Cultivation of Cyclamen."

TUDORICA, G.

TUDORICA, G. Packaging its function and the conditions it must to fulfill. p. 31.
International standardization of units of measure. p. 34.

Vol. 7, no. 12 Dec. 1955
STANDARDIZAREA
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

TUDORICA, S.

Efficient and economical means for the increase of steel production. p. 91.

METALURGIA SI CONSTRUCTIA DE MASINI

Vcl. 8, no. 1, Jan. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

PAVEL, I.; CHISIU, N.; TUDORIN, E.

The effect of pellagra on the development of offspring conceived
after clinical cure. (Experimental study). Stud. cercet. med.
intern. 3 no.5:647-652 '62.

(PELLAGRA)

(GENETICS)

(GROWTH)

(GRAIN)

TUDORU, C.D.

12

ROMANIA

POPESCU-BAJAN, M., Dr., CIORBEA, Gr., Dr., IONICA, C., Dr.,
TEODORU, C.D., Dr., VIOR, G., Veterinarian, EDU, Eug., Veteri-
narian, MARCEA, E., Veterinarian, JIVCIN, P., Dr., GAMBIR, S.,
Dr., MITOIU, E., Dr., and PREDOLU, I., Dr., of the "Pasteur"
Veterinary and Biological Products Research Institute (Ins-
titutul de Cercetari Veterinare si Biopreparate "Pasteur",
GREANSA, E., Dr., PAUR, Ga., Veterinarian, and DIACONU, M.,
Veterinarian, of the Scientific Control Laboratory for Bio-
logical Products and Drugs for Veterinary Use (Laboratorul
de Control Stiintific al Produselor Biologice si Medicamen-
toase de Uz Veterinar), and VOINOV, E., Dr., of the Central
Agricultural Research Institute (Institutul Central de
Cercetari Agricole).

"Improvement of Animal Tuberculosis Allergical Diagnosis in
Rumania by Single and Simultaneous Tests Using Purified
Tuberculine (PPD)."

Eucharest, Revista de Zootehnie si Medicina Veterinara,
Vol 13, No 1, Jan 1963, pp 50-53.

1/2

RUMANIA

Bucharest, Revista de Zootehnie si Medicina Veterinara,
Vol 13, No 1, Jan 1963, pp 50-63

Abstract: [Author's English summary modified]: Two types of purified tuberculin (PPD) were prepared; that for mammals was standardized to a content of 100,000 T.U./ml, and that for birds to 25,000 T.U./ml. The results of large-scale tests on epizootically different animals permitted the practical application of the single tuberculin test with PPD to cattle, pigs and birds. The use of PPD allowed the introduction of the simultaneous testing of cattle for tuberculosis diagnosis, bringing about a clarification of the tuberculin reactions, a saving of time and the fact that only the animals suffering from tuberculosis, among those reacting to tuberculin, have to be sacrificed. Includes 1 Russian, 7 Western and 11 Rumanian references.

2/2

RUMANIA

TUDORIU, C.D., Dr, IONICA, C., Dr, CAMBIR, S., Dr, and PREDOIU, A., Dr, of the "Pasteur" Institute of Veterinary Research and Biological Products (Institutul de Cercetari Veterinare si Biopreparate "Pasteur"), PARASCHIVESCU, M., Veterinarian, SESERMAN, O., Eng, and PARASCHIVESCU, G. of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice), and ANDREI, M., Dr, of the Constanta Regiune Veterinary Laboratory (Laboratorul Veterinar Regional Constanta).

"Aspects of Br. ovis Infection in Reproducing Rams."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No. 9, Sep 63, pp 74-80.

Abstract [Authors' English summary modified]: One of the main causes of ram infertility is infection with Br. ovis which brings about partial or complete degradation of the sperm. As the most dangerous epizootic moment for transmitting the disease is natural interbreeding, artificial insemination in infected flocks is recommended. The changes in the sperm diagram of infected animals involve the density, mobility and presence of materials other than the sperm, such as epithelial and white cells and Br. ovis. Volume changes are not characteristic, but there may be color changes in the ejaculated sperm.

Includes 1 table and 23 Eastern-European and Russian references.

1/1

1 33076-25 1964-10-10 1838-1843

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 10, 1964, 1838-1843

TOPIC TAGS: diphenylchloroborane; diphenylchloroborane dimethylformamide

product $(C_6H_5)_2BCl \cdot HCON(CH_3)_2$ was stable at 100-130C and melted at 181-185C. It was hygroscopic, hydrolysing in moist air or water to form free DMF, diphenyl-

Card 1/2

Card 2/2

ACCESSION NR: AP4037290

S/0190/64/006/005/0934/0939

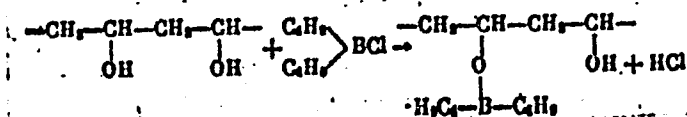
AUTHORS: Ushakov, S. N.; Tudoriu, P.

TITLE: Synthesis of the ester of polyvinylalcohol and di-n-butylboric acid

SOURCE: Vyssokomolekulyarnyye soyedineniya, v. 6, no. 5, 1964, 934-939

TOPIC TAGS: polyvinylalcohol butylboric acid ester, dibutylboroxyl group, ester formation, ionizing solvent, pyridine ionizing, dimethylformamide ionizing, dimethylsulfoxide ionizing, polyvinylalcohol butylboron chloride reaction

ABSTRACT: The ester was synthesized by the interaction of polyvinylalcohol with di-n-butylboron chloride according to the scheme



Card 1/3

ACCESSION NR: AP4037290

Polyvinylalcohol of 48 000 molecular weight was dissolved in one of the electronodonor polar solvents (pyridine, dimethylformamide, or dimethylsulfoxide) and was treated with various amounts of di-n-butylboron chloride (DBBC). The mixture was heated to the desired temperature for different lengths of time and the resulting polyesters were subjected to elementary and infrared spectral analysis. They were also tested for hydroxyl group content and solubility in various solvents. It was found that at 80-100C and a 12- to 24-hour duration of the reaction the degree of esterification amounted to 13.6-36.5%. In a pyridine and dimethylformamide media the percentage of hydroxyl group substitution was little affected by the ratio of the reactants, while in dimethylsulfoxide it showed a marked rise with increased DBBC content. Another series of experiments revealed a slow acceleration of the reaction rate with time in a pyridine medium. In dimethylformamide, and especially in dimethylsulfoxide, the esterification proceeded at a much higher rate and at a faster acceleration. Calculation of the vitrification temperatures for the copolymers of polyvinylalcohol and vinyl ester of DBBC showed that the T_g for the compound containing 6.2 mole/% DBBC was 76C, as against 27C for the copolymer with a 49.5 mol/% substitution. Orig. art. has: 2 formulas and 4 tables.

Card 2/3

ACCESSION NR: AP4037290

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensoveta (Leningrad
Technological Institute)

SUBMITTED: 01Jul63

DATE ACQ: 09Jun61

ENCL: 00

SUB CODE: MT,00

NO REF SOV: 003

OTHER: 006

Card 3/3