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S. A. Kraiko. UNCL

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MM 8-3-61

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NIII 6-35-61

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Sci - Med

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S-5242

(NY-2661).

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159, 188

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JPRS 2797

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Jul 60

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S. I. Kaplanskaya-Raiskay, 6 pp.
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1960, pp.45-48.
CFSTE TP 69-53025

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Relationship Between the Metabolism of Riboflavin
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Sci -
Jul 63

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The Problem of the Harmlessness of Using Food
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JPRS 2798

Sci - Med

Jul 60

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S-328/60

(NY-3945)

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JPRS 2832

Sci - Med - Sanitation and Hygiene

Jul 60

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JPRS 5015

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Oct 60

The Effect of Low Gamma-Ray Doses on the Preservation
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Sci - Phys
Jul 62

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S-624/60

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Some Data on the Radioactivity of Vegetables,
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1960, pp 83-85.

JPRS 3979

Sci - Biol

Sep 60

127,075

62-10255

I. Novotny, A.
II. Shtelovskaya, V.

Novotny, A. and Shtelovskaya, V.
DIET STUDIES IN A GROUP OF WORKERS AT A
PLANT FOR HEAVY MACHINERY, AND THE
POSSIBILITY TO ENRICH THEIR DAILY FOOD
RATIONS WITH VITAMINS UNDER PUBLIC SPON-
SORSHIP. [1961] 9p. (refs. 4 figs. omitted) 4 refs.
Order from OCS or SLA \$1.10 62-10255

Trans. of Voprosy Pitaniya (USSR) 1960, v. 19
[no. 5] p. 9-13.

DESCRIPTORS: *Nutrition, Food, *Diet, *Vitamins,
Ascorbic acid, Thiamine, Vitamin B, Additives,
Effectiveness.

Some 151 machine operators in a large industrial
plant served as experimental subjects. For 8 months
(Feb. to Oct.) the breakfasts of 76 of these subjects
were enriched with synthetic vitamins (130 mg of
vitamin C, 2.5 mg of B₁, and 1.5 mg of B₂). The
(Food, TT, v. 8, no. 1) (over)

Office of Technical Services

61-20863

I. Vankhanev, V. D

Vankhanev, V. D.
THE PROBLEM OF THE RATIONAL FEEDING OF
CHILDREN WITH VITAMINS WHEN THE CHILDREN
ARE IN THE PIONEER (i. e. COMMUNIST YOUTH
ORGANIZATION) CAMPS. [1961] 9p. (2 figs. 3 tables
omitted) 5 refs.

Order from OTS or SLA \$1.10 61-20863

Trans. of Voprosy Pitaniya (USSR) 1960, v. 19
[no 5] p. 13-28.

DESCRIPTORS: *Children, *Nutrition, *Vitamins,
Food, Ascorbic acid, Thiamine, Diet, Proteins,
Public health

(Food, TT, v. 7, no. 10)

Office of Technical Services

61-20202

Babadzhanyan, M. G., Kalnyn', V. R. and others.
THE INFLUENCE OF ADDITIONAL DOSES OF
VITAMINS UPON CERTAIN PHYSIOLOGICAL FUNC-
TIONS OF THE ORGANISM OF THE WORKERS OF
ELECTRO-LOCOMOTIVE TEAMS [Vliyanie Dopol-
nitel'nogo Priema Vitaminov na Nekotorye Fiziolgi-
cheskie Funktsii Organizma Rabotnikov Lokomotivnykh
Brigad Elektrovozov]. [1961] 12p. (3 figs. 1 table [Eng.
summary 1 ref.] omitted).

Order from OTS or SLA \$1.60

61-20202

Trans. of Vopros[y] Pitan[lya] (USSR) 1960, v. 19
[no. 5] p. 18-24.

DESCRIPTORS: *Nutrition, *Vitamins, *Fatigue (phys-
iology), Engineering personnel, Public health

Data were obtained showing that polyvitamin dosage
would cut down the fatigue as determined on the base
of perceptual analysis.

(Food, TT, v. 7, no. 10)

I. Babadzhanyan, M. G.
II. Kalnyn', V. R.

Office of Technical Services

(NY-5199)

Effect of Therapeutic Diet Upon the Functional Condition of the Cerebral Cortex in Patients With Coronary Atherosclerosis (Electroencephalographic Data), by E. O. Paramonova, 8 pp.

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JPRS 7186

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Sci - Med

Dec 60

(NY-5199)

The Hygienic Study of Grain Irradiated With
Radioactive Cobalt, by Ye. N. Vasil'yeva,
L. A. Okuneva, Yu. P. Kubel', 7 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XIX, No 5,
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JPRS 7169

Sci - Med

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Dec 60

Sanitary and Bacteriological Control Analysis in the
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Promyshlennosti), by Yu. A. Ravich-Shcherbo, *7 pp.*

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OTS 63-11119

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(SF-1673)

Effects of Irradiated Food Products on the Reproductive
Function of Rats and on Their Progeny, by G. I.
Bondarev, 6 pp.

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JPRS 4601

Sci - Med

153, 941

Jun 61

A Method for Determining Fluorine in Foodstuffs
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S. K. Gushchik, 9 pp.
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May 65

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(NY-5948)

Change of Certain Indices of the Blood
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Against a Background of Varying Diets, by K. M.
Loriya, 6 pp.

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JPRS 9043

Sci - Med

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Use of the Complement Fixation Reaction
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HEW NIH 2-53-66 (On Loan)

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Apr 66

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S-36/61

(NY-5948).

The Effect of Calcium and Potassium Salts on the
Higher Nervous Activity and Arterial Blood Pressure
of Dogs With Experimentally Induced Hypertension, by
L. F. Roshchina,

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*JPRS

Sci - Med

28 Feb 61

Mineral Content of Fish (Soderzhanie Mineral'
Nykh Elementov v Miase Ryb), by N. E. Kasinova, 4pp

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OTS-63-11113

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Metabolism During the Performance of Athletic Exercises and the Nutritional Requirements of Sportsmen, by N. N. Yakovlev, 15 pp.

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JPRS 9524

Sci. - Med

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Jul 61

Mineral Composition in Certain Types of Fish and
Verification of Correlations Between the Mineral
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*NTIS TT 71-51024

Dec 71

(IR-6345)

Complement Fixation Test in Quantitative
Determination of the A-Type Botulin Toxin, by
T. A. Kalitina, 5 pp.

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Mar/Apr 1961, pp 62-64.

JPRS 9525

Sci - Med

Jul 61

158, 588

(SF-1873)

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JPRS 11455

Sci - Med

Jan 62

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Iodine Content in Food Products and Alimentary Pattern
of the Population Within One of the Nidi of Endemic
Goitre, by Yu. N. Yeregin.

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pp 37-40.

*NTIS TT 72-51055

Aug 72

A New Method for Estimation of Copper Content in
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Interrelationship Between the Content of Some Trace
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pp 74-76.
*NTIS IT 72-51059

Aug 72

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JPRS 12098

Sci - Med

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Jan 62

The Effect of a Low Protein Diet and of a Deficiency
of Sulphur - Containing Amino Acids on the Quantity
of Phosphopyridinenucleotides in the Liver of Rats,
by H. M. Fil'chagin.

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ILL. RES 2244

Sci -
Jul 63

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Manganese Content in Vegetable Food Products of the
Tomsk Region, by A. I. Vorobieva.
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pp 35-38.
*NTIS ITI 71-51024

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Natural Copper and Zinc Content in Food Products
Originating From Primorie Territory, by G. P. Gurevish.
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*NTIS IT 71-51024

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Ways of Increasing the Biological Activity
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A. A. Schmidt, 14 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XX,
No 6, xh 1961, pp 3-11.

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Sci - Biol

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Mar 62

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The Hygienic Evaluation of Food Products
Treated With Antibiotics, by Yu. I.
Rubinshteyn, 7 pp.

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No 6, 1961, pp 18-22.

JPRS 12837

Sci - Biol

187, 713

Mar 62

Content Level of Certain Microelements
(Iodine, Fluorine, cobalt, and copper) in Local
Food Products of the Altai Mountains, by
Kolomitsava, 5 pp.

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1961, pp 55-58.

NIH 10-24-63

Sci - Biol & Med
Nov 63

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(SF-2136)

Effect of KU-1 Cation Exchange Resin
Treatment of Cow's Milk on Several
Hygienic Indices of Such Milk, by
A. V. Bogolyubova, 6 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XX,
No 6, 1961, pp 67-70.

JPRS 12837

Sci - Biol

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Mar 62

(NY-6939)

Tube Feeding During Treatment of Patients
With Severe Burns, by V. I. Filatov,
T. I. ~~BEKHEB~~ Golubev, 9 pp.

RUSSIAN, par, Voprosy Pitaniya, Vol XXI,
No 1, 1962, pp 13-18.

JPRS 13127

Sci - Med
Apr 62

189, 341

(NY-6939)

Prophylactic Measures for Partial Vitamin
D Deficiency in Persons Living Under Arctic
Conditions During the Polar Night, by I.
M. Karkalitskiy, 6 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XII,
No 1, 1962, pp 45-48.

JPRS 13127

Sci - Med
Arp 62

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(NY-6939)

Food Products Exposed to Ionization
Radiation for Preservation and Problems
of Their Hygienic Evaluation, by Yu. I.
Shillinger, 11 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XXI,
No 1, 1962, pp 54-61.

JPRS 13127

Sci - Med
Apr 62

189,343

(NY-6939)

(NY-6939)

Hygienic Characterization of Certain
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by G. I. Kondarev, 5 pp.

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No 1, 1962, pp 61-64.

JPRS 13127

Sci - NSa
Apr 62

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(NY-6939)

The Effect of Gamma-Rays and Thermal
Processing on the Destruction of Antexi-
dants in Lard, by V. I. Plul'skaya,
6 pp.

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No 1, 1962, pp 65-68.

JPRS 13477

Sci - Med
Apr 62

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Effect of Propyl Gallate as Antioxidant on the
Nutritional Value of Fat, by N. D. Bukhman.
RUSSIAN, per, Vop Pitaniya, Vol 21, 1962,
pp 68-72.
ATS RJ-5476

Sci-B&M
June 70

Sanitary Characteristics of Aerated Bever-
ages (Standard Rates of Bacterial Con-
tamination.), by G. I. Yavelberg.

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No 1, 1962, pp 78-80.

GB/96

Sci-Biol
July 63

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(NY-6939)

Results of a Discussion on the Problem of
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O. P. Melchanova, 7 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XXI,
No 1, 1962, pp 87-91.

JPRS 15127

Sci - Med
Apr 62

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S-53/62

Review of Problems of Vitaminology, by M. F.
Merezhinskiy, (NY-69A9)
3

RUSSIA, per, Voprosy Pitaniya, Vol XXI, No 1,
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Sci - Med
2 Feb 62

63-15561

Lát, J.
FUNCTIONAL STATE OF THE CENTRAL NERVOUS
SYSTEM, NUTRITION AND GROWTH DURING
ONTOGENESIS. [1962] [11]p. 24 refs. FASEB manu-
script no. S 77-2.
Order from OTS or SLA \$1.60

63-15561

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 2,
p. 3-10.

DESCRIPTORS: Physiology, *Growth, *Nervous system,
*Nutrition, Psychology, *Genetics, *Reaction
(Psychology).

- I. Lát, J.
- II. FASEB S-77-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

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PROBLEM OF THE PHYSIOLOGICAL BASIS FOR THE
NURSING OF PHYSIOLOGICALLY MATURE AND IMMATURE
NEONATES, BY I. A. ARSHAVSKIY, 7 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 2,
1962, PP 26-32.

NIH 8-27-62.

SCI - BIOL

213,736

OCT 62

(DC-6761)

THE EFFECT OF INGESTION OF MALT EXTRACT ON
BIOCHEMICAL CHANGES IN THE BLOOD OF ATHLETES AFTER
COMPLETING VARIOUS KINDS OF EXERCISES, BY A. F. KRAS-
NOVA, N. R. CHAGOVETS, 6 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 2,
1962, PP 37-39.

JPRS 13555

SCI - MED

L92,933

Mineral Composition of the Muscular Tissue in Meat
and Verification of the Correlation Between the Level
of Mineral Elements and Protein Therein, by
Ye. N. Vasilieva.
RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 2, 1962,
pp 56-60.
*NTIS TT 72-51076

Aug 72

(DC-6761)

THE EFFECT OF X-IRRADIATION ON THIAMINE
(VITAMIN B1) METABOLISM, BY M. M. KUBAREVA,
10 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 2,
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JPRS 13555

SCI - MED

192,934

63-15422

Lipovetskaya, E. I.
THE EFFECT OF AMINAZINE ON SOME ASPECTS
OF ASCORBIC ACID AND ADRENALIN METABOLISM
IN ANIMALS CAPABLE AND INCAPABLE OF SYN-
THESIZING VITAMIN C. [1962] [8]p. 8 refs. FASEB
manuscript no. S 32-2.

Order from OTS or SLA \$1.10 63-15422

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 2,
p. 81-84.

DESCRIPTORS: Drugs, *Chlorpromazine, *Ascorbic
acid, *Metabolism, *Epinephrine, Synthesis, Auto-
nomic agents.

This research indicates that the metabolism of ascorbic
acid and adrenalin is regulated both by the peripheral
nervous system and by the higher divisions of the cen-
tral nervous system. (Author)
(Biological Sciences--Physiology, TT, v. 9, no. 9)

- I. Lipovetskaya, E. I.
- II. FASEB S-32-2
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mental Biology,
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- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(DC-6939)

NEW POLYMER MATERIALS USED FOR FOOD PACKAGING,
BY S. V. GENEL, 12 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3,
MAY-JUN 1962, PP 3-8.

JPRS 14836

SCI - CHEM
AUG 62

HC SI I-1837
ID 2235117 207,100
525 H MI 611

63-19021

Avshalumova, A. D.
DETERMINATION OF FRESHNESS OF MEAT BY THE
PARTITION CHROMATOGRAPHY ON PAPER [1962]
[11]p. 7 refs. FASEB manuscript no. S 332-2.
Order from OTS or SLA \$1.60 63-19021

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 3, p. 22-28.

DESCRIPTORS: *Meat, *Chromatographic analysis,
Amino acids, Ammonia, Decomposition.

A quantitative analysis of the decomposition of meat
proteins is made to determine the freshness of meat
after prolonged storage. The individual amino acids
are studied via partition paper chromatography. The
procedure is described in detail. Other analytical
methods used include bacterioscopy; pH determination;
reaction with CuSO_4 peroxidase, and formol; and visual
fluorescence. The free amino acids as seen in the
chromatogram are listed. The presence of threonine
and methionine are noted.

- I. Avshalumova, A. D.
- II. FASEB S-332-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Food, TT, v. 10, no. 6)

Office of Technical Services

63-19022

Vozar, Libor.

ALUMINUM CONTENT IN AN ORDINARY DIET AND ITS BIOLOGICAL SIGNIFICANCE. [1962] [9]p.

18 refs. FASEB manuscript no. S 324-2.

Order from OTS or SLA \$1.10

63-19022

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 3, p. 28-31.

DESCRIPTORS: *Aluminum, *Diet, Metabolism, *Phosphorus, Food, Cooking devices,

Food products of plant origin in general contain more Al than those of animal origin. Relatively high amounts of Al were found in lentils, peas, mushrooms, and spinach; large quantities were found in flour and rice. The commonly used vegetables contained less Al, but more than fruits. Very low amounts of Al exist in meat and meat products. The largest amount of P was found in meat, and then flour; insignificant amounts were (Food, TT, v. 10, no. 6) (over)

- I. Vozar, L.
- II. FASEB S-324-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(DC-6939)

ADAPTATION OF ANIMAL ORGANISMS TO CONDITIONS
OF VARYING INTAKE OF SATURATED AND NON-SATURATED
FATTY ACIDS, BY M. F. MEREZHINSKIY, S. M.
NIKITINA, 7 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3,
MAY/JUN 1962, PP 38-40.

JPRS 14836

SCI - CHEM

AUG 62

207,101

(DC-6939)

SECRETION OF PANCREATIC ENZYMES AT HIGH
TEMPERATURE IN RESPONSE TO VARIOUS FOOD
STIMULANTS, BY YU. A. SHCHERBAKOV, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3,
MAY/JUN 1962, PP 61-66.

JPRS 14836

SCI - CHEM

AUG 62

207,102

63-19002

Alieva, V. I.
THE EFFECT OF EXPERIMENTAL GASTRITIS ON
THE RATE OF ENTRY INTO THE LARGE BOWEL
OF FOOD SUBJECTED TO VARIOUS TYPES OF
MECHANICAL PROCESSING. [1962] [12]p. 3 refs.
FASEB manuscript no. S 153-2.
Order from OTS or SIA \$1.60

63-19002

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 3, p. 66-71.

DESCRIPTORS: *Gastritis, Intestine, *Food, Process-
ing, *Gastrointestinal system, Stomach, Physical
properties, Physiology.

Two dogs were subjected to experimental gastritis by a
mixture of a 0.5% solution of HCl with natural gastric
juice. Instead of the usual mixed standard food ration,
the rations were ground in a meat grinder or homoge-
(Biological Sciences--Pathology, TT, v. 10, no. 6)(over)

- I. Alieva, V. I.
- II. FASEB S-153-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TABLE K OF CONTENTS OF PROBLEMS ON NUTRITION,
5 PP.

RUSSIAN, BK, VOPROSY PITANIYA, KIEV 1962.

JPRS 22493

SCI-MED
DEC 63

244,838

IONITE MILK -- A NEW PRODUCT FOR FEEDING YOUNG
CHILDREN, BY A. S. SKOROPOSTIZHNAYA, O. N. YAKOVLEVA,
ET AL, 5 PP.

RUSSIAN, BK, VOPROSY PITANIYA, KIEV, 1962,
PP 78-81.

JPRS 22493

SCI-MED
DEC 63

244,836

63-23028

Greben'kov, S. G.
THE EFFECT OF VITAMIN C DEFICIENCY ON THE
URINARY EXCRETION OF CREATINE AND CRE-
ATININE. [1963] [8p. FASEB manuscript no. S264-2.
Order from CTS or SDA \$1.00 63-23028

- I. Greben'kov, S. G.
- II. FASEB 5-364-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Trans. of Voprosy Biologii (USSR) 1962, v. 21, no. 3,
p. 80-81.

DESCRIPTORS: *Ascorbic acid, *Creatine, *Crea-
tinine, Urine, Excretion, Diagnosis, *Deficiency
disease.

The value of urinary excretion of creatine and cre-
atinine as an indicator of vitamin C deficiency was
evaluated. The 24 hour urinary excretion of 55 farm
workers was analyzed. The study was done in the
spring and summer. The workers ranged in age from
17 to 40. They had no clinical manifestation of vitamin
(Biological Sciences--Pathology, TT, v. 10, no. 9)
(over)

Office of Technical Services

S-1119/63

Problems of Nutrition, by A. T. Stovboon, ~~XXXXXXXXXXXX~~
V. G. Parteshko. (SF-2929)

RUSSIAN, bk, Voprosy Pitaniya, 1962, pp ~~25-37~~, 25-37,
~~25-37~~

Rec
*JPRS

Sci - Biol & Med Sci
Dec 63

(DC-6939)

SOME DATA ON THE NATURAL RADIOACTIVITY OF FOOD PRODUCTS, BY N. N. ~~EX~~ GRIGOR'YANTS, 4 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3, MAY/JUN 1962, PP 89, 90.

JPRS 14836

SCI - CHEM

OTS TT-63-23900

AUG 62

207,103

The Effects of Nervous Tension on the Requirement
of the Organism for Certain Vitamins, XX by
G. A. Arutyunov, I. I. Antuf'yev, 11 pp.

RUSSIAN, per, Voprosy Pitanya, Vol XII,
No 4, 1962, pp 3-10.

JERS 15427

Sci - Med
Oct 62

212,476

Patilin, N. L. and Staritskaya, L. N.
EFFECT OF VARIOUS DIETS ON GASTRIC SE-
CRETION WITH LONG INTERVALS BETWEEN MEALS
AND WHEN MEALS ARE TAKEN HAPHAZARDLY.
[1962] [11]p. 4 refs. FASEB manuscript no. S 83-2.
Order from OES or SJA \$1.00 63-15988

Trans. of Voprosy Pitanija (USSR) 1962, v. 21,
no. 4, p. 25-30.

DESCRIPTORS: *Diet, *Gastrointestinal system,
Stomach, *Secretion, Starvation.

The effect of feeding patterns, long intervals between
meals, and a haphazard arrangement of meals on
gastric secretion was studied. Long intervals between
meals resulted in a lower level of secretion and lower
volume, digestive power, and acidity of the gastric
juice due to the uneven strain on the stomach's
functioning and its subsequent disturbances. Other
(Food, IT, p. 10, no. 6) (over)

63-15988

- I. Patilin, N. L.
- II. Staritskaya, L. N.
- III. FASEB S-83-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Application of Protein Hydrolysate in
Certain Diseases of the Digestive Organs by
the Order of Lenin Institute of Blood Trans-
fusions, by V. A. Gleneva, N. M. Gruzdeva,
4 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XII,
No 4, 1962, pp 42-45.

JPRS 1527

212,477

Sci - Med
Oct 62

Zhmeido, A. T., Grafskaya, Z. S., and Chernikova, N. V.

THE PRODUCTION OF A PURE AVITAMINOSIS-D IN RATS. [1962] [7], 2 refs. FASEB manuscript no. S 106-2.

Order from CTS or SLA \$1.10

63-15989

Trans. of Voprasy Pitaniya (USSR) 1962, v. 21, no. 4, p. 71-74.

DESCRIPTORS: *Deficiency diseases, *Vitamin D, *Diet, Phosphatases.

Avitaminosis-D was developed in rats in about one month on a balanced diet lacking only in vitamin D. This deficiency caused growth to be retarded or to cease. Ration Ia consisted of 20g casein heated for 15 to 16 hours at 100°, 60g corn starch, 10g brewers' yeast, 4g Osborne-McClend salt mixture (*CuSO₄), (Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-15989

- I. Zhmeido, A. T.
- II. Grafskaya, Z. S.
- III. Chernikova, N. V.
- IV. FASEB S-106-2
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Effects of Temperature and Sterilization Time on the
Tryptophan Content in Beef, by A. A. Sokolov.

RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 4, 1962,
pp 82-84.

*NTIS TT 71-51024

Dec 71

TT-63-24498

Loranskaya, T. I.
THE EFFECT OF DIETS WITH VARYING AMOUNTS
OF PROTEIN ON THE COURSE OF CHRONIC
HEPATITIS (Vliyaniye Diet s Razlichnym Soderzhanem
Belka na Techenie Khronicheskogo Gepatita). [1963]
[18p] 15refs FASEB manuscript no. S 262-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24498

Trans. of ~~Voprosy Pataniya~~ (USSR) 1962, v. 21, no. 5,
p. 13-20. (Abstract available)

DESCRIPTORS: *Diet, Nutrition, Proteins, *Hepatitis,
*Liver cirrhosis.

Keeping chronic hepatitis patients for two weeks on
diets containing 100 and 180 g of protein results in im-
proved condition and shifts towards normalization of the
protein formula and the lipidogram. Transaminase
activity in some patients with active hepatitis falls to
(Biological Sciences--Pathology, TT, v. 11, no. 5)(over)

- I. Loranskaya, T. I.
- II. FASEB-S-262-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Berezovskaya, N. N., Tseitina, A. Ya., and
Lapina, S. A.

THE INTERRELATIONSHIP OF VITAMINS C AND P
(K Voprosu o Vzaïmosvyazi Vitaminov C and P). [1963]
[12p] 11 refs; FASEB Manuscript no. S 104-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24453

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5,
p. 26-31. (Abstract available)

DESCRIPTORS: Nutrition, Vitamins, Diet, Synergism,
*Ascorbic acid, Vitamins, *Vitamin P, *Cholesterol,
*Epinephrine, *Catechic acids, Food,

Experimental animals (guinea pigs) grew satisfactorily
on our modifications of Lecocq's diet. Administering
catechins to the guinea pigs against a background of
Lecocq's diet with 1 and 25 mg of ascorbic acid had no
influence on the ascorbic acid level in the adrenals,
(Biological Sciences--Physiology, TT, v. 11, no. 4)
(over)

TT-63-24453

- I. Berezovskaya, N. N.
- II. Tseitina, A. Ya.
- III. Lapina, S. A.
- IV. FASEB-S-104-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Kulikova, L. I.
EFFECT OF DIFFERENT AMOUNTS OF DIETARY
MANGANESE ON BONE GROWTH AND DEVELOP-
MENT IN ALBINO RATS (Vliyanie Raslichnykh
Kolichestv Margantsa v Pishche Belykh Krya na Rost
i Razviti Kosti). [1963] [15p] 6refs FASEB
manuscript no. S 105-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13501

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 5, p. 47-52.

DESCRIPTORS: *Diet, *Nutrition, *Manganese,
Bone, Rats, Growth (Physiology).

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13501

- I. Kulikova, L. I.
- II. FASEB-S-105-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-24454

Zakrivdoroga, S. P., Zakrivdoroga, Z. S., Lipsits, D. V., Lyubovskaya, N. I., and Polotai, V. A.
THE TOXICITY OF CANCEROUS POTATO TO ANIMALS (O Toksichnosti dlya Zhivotnykh Porazhennogo Rakom Kartofelya). [1963] [20p] 6refs
FASEB Manuscript no.: S 106-3
Order from OTS, SLA, or ETC \$1.60 TT-63-24454

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5, p. 58-66. (Abstract available)

DESCRIPTORS: *Potatoes, *Toxicity, *Cancer, Animals, Feeding.

Feeding the animals for a month with cancerous tubers and, in particular, cancerous growths exerted an indubitable toxic effect on the organism. This was indicated above all by the emaciation, weakness, and deterioration of the outward appearance of the animals, especially noticeable in the cancerous growth-fed (Biological Sciences--Toxicology, TT, v. 11, no. 5)
(over)

- I. Zakrivdoroga, S. P.
- II. Zakrivdoroga, Z. S.
- III. Lipsits, D. V.
- IV. Lyubovskaya, N. I.
- V. FASEB-S-106-3
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.
- VII. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

PHYSIOLOGICAL AND HYGIENIC EVALUATION OF RATION
DEVELOPED BY TsNIIKOP FOR INDIVIDUAL USE, BY
I. D. YERTANOV, 6 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 5,
1962, PP 71-75.

JPRS 16531

SCI - MED

DEC 62

215,009

THE PROBLEM OF THE FOOD VALUE OF UNICELLULAR
ALGAE, BY N. N. BOYKO, V. P. BYCHKOV, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 5,
1962, PP 76-81.

JPRS 16531

SCI - ~~MEB~~

DEC 62

210,010

Ripak, E. N.
COBALT CONTENT OF THE MOST WIDELY
DISTRIBUTED FOOD PRODUCTS IN THE DNEPRO-
PETROVSK OBLAST (Soderzhanie Kobal'ta v Naibolee
Rasprostranennykh Pishchevykh Produktakh
Dnepropetrovskoi Oblasti). [1963] [3p] Iref FASEB
Manuscript no.: S 107-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24455

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5,
p. 85-86.

DESCRIPTORS: Food, *Cobalt, Chemical analysis.

(Food, TT, v. 11, no. 5)

TT-63-24455

- I. Ripak, E. N.
- II. FASEB-S-107-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Copper Content of Some Plant Products of Tomask Oblast,
by A. I. Vorobieva.
RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 5, 1962,
pp 86-87.
*NTIS TT 72-51100

Aug 72

63-23055

Nikitin, Yu. P.
THE EFFECT OF VITAMIN E ON LIPIDS AND
BLOOD COAGULABILITY IN PATIENTS WITH
ATHEROSCLEROSIS. [1963] [18] p. 44 refs. FASEB
manuscript no. S 63-3.
Order from OTS or SLA \$1.60 63-23055

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 6, p. 22-27.

DESCRIPTORS: *Vitamin E, Lipids, *Atherosclerosis,
*Blood coagulation, Heparin, Cholesterol, Hematology.

Lipid metabolism was studied in 37 patients with dif-
ferent, but mostly coronary, symptoms of athero-
sclerosis, 32 in the hospital, 14 on an outpatient basis.
Soviet produced vitamin E was administered to 26
persons in a daily dose of 50 mg of tocopherol. Eleven
persons were administered the Czech vitamin E, Erevit,
in the form of daily intramuscular injections of 60 and
(Biological Sciences - Pathology, TT, v. 10, no. 7)(over)

- I. Nikitin, Yu. P.
- II. FASEB S-63-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, inc.,
Washington, D. C.

Office of Technical Services

TT-63-24451

Nesterin, M. F.
INTESTINAL SECRETION IN DOGS MAINTAINED ON
DIFFERENT DIETS DURING EXPERIMENTAL
RADIATION SICKNESS. [1963] [18p] 29refs FASEB
Manuscript no.: S 64-3
Order from GTS, SLA, or ETC \$1.60 TT-63-24451

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6,
p. 27-33. (Abstract available)

DESCRIPTORS: *Radiation sickness, *Secretion, *Diet,
Dogs, Fats, *Enzymes, *Gastrointestinal system,
X-rays.

The effects of a diet containing unsaturated fats supple-
ment. with pyridoxine were studied. A diet containing
flaxseed oil and pyridoxine caused a 1 1/2 to 2-fold de-
crease in juice secretion during the first 10 to 14 days.
During the next two weeks the amount of juice was about
(Biological Sciences--Radiobiology, TT. v. 11, no. 6)
(over)

- I. Nesterin, M. F.
- II. FASEB-S-64-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Kukes, V. G. and Vlasova, M. N.
BLOOD SERUM CHOLESTEROL CONTENT AND THE
DAILY DIET OF THE INDIGENOUS POPULATION IN
THE FAR NORTH. [1963] [10p] 13refs FASEB

Manuscript no. S 65-3.

Order from OTS or SLA \$1.10

63-23846

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6,
p. 33-36.

DESCRIPTORS: *Cholesterol, *Blood serum, *Diet,
Population, *Arctic regions.

A study was made of the cholesterol content of the
blood serum and food of 1021 comparatively healthy
adult inhabitants of the Far North living along the
coasts of the Okhotsk, Bering, and Chukotsk Seas.
These included Chukchia, Eskimos, Orochons, Koryalce,
and Kamchadals. It was found that the blood serum of
(Biological Sciences--Physiology, TT, v. 10, no. 12)
(over)

63-23846

- I. Kukes, V. G.
- II. Vlasova, M. N.
- III. FASEB S-65-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Isaeva, G. Ya., Enoshevskaya, K. K., and
Trotsenko, M. A.

SEPARATE DETERMINATION OF SEVERAL ORGANIC
PHOSPHORUS INSECTICIDES PRESENT IN FOOD
PRODUCTS OF PLANT ORIGIN. [1963] [14]p. 1 ref.
FASEB manuscript no. S67-3.
Order from OTS or SLA \$1.60

63-23054

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6,
p. 64-67.

DESCRIPTORS: Chemical analysis, Organic compounds,
*Phosphorus, *Insecticides, *Food, Plants (Biology).

(Food, TT, v. 10, no. 7)

63-23054

- I. Isaeva, G. Ya.
- II. Enoshevskaya, K. K.
- III. Trotsenko, M. A.
- IV. FASEB S-67-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
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