

(2290-N)

Incorporation of Radioactive Methionine S^{35} In
The Proteins of the Ek-8 Blood Substitute Prepara-
tion in Vitro, by M. Yu. Penkratova, 8 pp.

UKRAINIAN, per, Ukrayins'kyi Biokhimichnyy
Zhurnal, Vol XIX, No 2, 1958, pp 212-218.

JPRS L-660-N

Sci - Med
Mar 59

82,403

(2290-N)

Conference on Questions of the Chemical Basis of
Genetics, by H. I. Syrakova, 3 pp.

UKRAINIAN, per, Ukrayins'kyy Biokhimichnyy Zhurnal,
Vol XXI, No 2, 1958, pp 317-318.

JPRS L-661-N

Sci - Med
Mar 59

82, 737

On the Effect of Starvation on Brain Proteins, by
A. V. Palladin, N. M. Polyakova, E. P. Gotortseva,
13 p.

RUSSIAN, per, Ukrayin Biokhim Zhur, 1958, Vol XXX,
No 3, pp 323,-331.

SLA 59-17434

Sci
Jan 60
Vol 2, No 9

105,996

Data on the Comparative Biochemistry of Humans
and Simians, by V. S. Asstiani, 15 pp.

RUSSIAN, per, Ukrainskiy Biekhiv Zhur, Vol XXX,
No 3, Kiev, May/Jun 1958, pp 392-401.

US/SFRS/EY-L-411

Sci - Biology

75,844

Allmova, E. K., Bolgova, G. D. and others.
SOME PROPERTIES OF BRUCELLA LIPIDS. [1961]
[7]p. 1 ref.
Order from OTS or SLA \$1.10

61-23653

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1958, v. 30, no. 4, p. 506-512.

DESCRIPTORS: *Brucella, *Lipids, *Microbiology,
*Spectrographic analysis, Biochemistry, *Organic
solvents, *Evaporation, Ethanol, Ethers, Benzenes,
Chloroform, Esters, Cholesterol, Phosphorus,
Arabinose, Ribose, Ribulose, Xylose.

Cells of 3-day and 30-day cultures of Br. suis, Br.
abortus, and Br. Melitensis were used. The free
lipids were extracted by ethyl alcohol, ether, acetone,
anhydrous ethyl alcohol, benzene, and chloroform.
The remaining residue of the bacterial mass was
(Biological Sciences--Microbiology, TT, v. 7, no. 7)
(over)

61-23653

I. Allmova, E. K.
II. Bolgova, G. D.
III. Translations, New York

Office of Technical Services

Effect of Body Temperature on the Decomposition of the Energetic Resources of the Brain ~~on Death~~, by M. S. Gayevskaya, 10 pp.

RUSSIAN, per, Ukrain Biokhimiia Zhur, Vol XXX, No 4, 1958, pp 513-520.

SLA 60-16425

Sci
Vol IV, No 11
May 62

197, 971

On the Metabolism of Phosphorus Compounds
in the Brain of Healthy and Tuberculous
Guinea Pigs With Various Typological Features,
By Z. Z. Kharakter, 9 pp.

RUSSIAN, per, Ukrain Biokhimi Zhur, Vol XXX,
No 4, 1958, pp 521-528.

SLA 60-18417

Sci
Vol IV, No 11
May 62

197,960

Intensity of Protein Renewal in the Blood,
Brain and Cerebellum of Rabbits on Arti-
ficial Cooling and Aminazine Narcosis,
by I/ P. Mityev.

RUSSIAN, per, Ukrain Biokhimi Zhurn.
Vol. XXX, No 5, 1958, pp 643-651.

SLA 60-18424

Sci
Vol IV, No 11
May 62

197, 967

(NY-2376)

Changes in the Physico-Chemical and Biological
Properties of Proteins Successively Irradiated
With Various Kinds of Radiation, by M. A.
Kolomychenko, 12 pp.

UKRAINIAN, per, Ukrains'kiy Biokhim Zhur, Vol XXX,
No 6, 1958, pp 803-812.

JPRS L-767-N

Sci - Med, Radiology
May 59

88, 017

On the ATP, Creatine Phosphate and Lactic
Acid Contents in the Brain and Muscles
of Rabbits in Hypothermal States, by
Z. M. Stutman, 9 pp.

RUSSIAN, per, ~~Ukrain Biokhim Zhur.~~
Vol XXX, No 6, 1958, pp 852-859.

SLA 60-18421

Sci
Vol IV, No 11
May 62

197,964

EFFECT of Sodium Bromide on Nitrogen Metabolism
in the Brain, by A. I. Safarov, R. B.
Khalilov, 6 pp.

RUSSIAN; per, Ukrain Biokhim Zhur,
Vol XIX, No 6, 1958, pp 850-854.

SLA 60-18420

Sci
Vol IV, No 11
May 62

197,962

Glutamic Decarboxylase of Dysentery Bacteria, by
Yu. V. Galayev.

UKRAINIAN, per, Ukrain'skyi Biokhim Zhur, Vol XXX,
No 6, 1958, pp 880-887. CIA 9071080

USDA

Sci - Medicine
Sep 60

124,742

S-5200

(DC-2882)

Editorial, 3 pp.

UKRAINIAN, per, Ukrains'kyy Biokhimichnyy Zhur,
Vol XXXI, No 1, 1959, Kiev, pp 3, 4.

JPRS-L-1765-D

Sci - Miscellaneous
Jul 59

Application of Agar-Agar Electrophoretic Method
to Isolation of Soluble Proteins, by A. V. Palladin,
N. M. Polyakova, 11 pp.
UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 3, 1959, pp 307-311.
Navy Tr 3807x
NMS 875

Sci - Biol & Med
Jun 64

261,186

Intensity of Methionine S³⁵ Incorporation
Into the Nuclear and Cytoplasmic Proteins
of Cat Brain Tissue, by Y. V. Belik, Y. L.
S. Krachko, 11 pp.

RUSSIAN, per, Ukrayinsky Biokhim Zhur,
Vol XXXI, No 3, 1959, pp 322-329.

SLA 60-18419

Sci
Vol IV, No 11
May 62

197,969

Peculiarities of the Exchange of Phosphorus
 Compounds in the Rabbit Organism During
 Amine Action With Cooling, by Z. M.
 Stutman, 10 pp.

RUSSIAN, per, Ukrain Biokhim Zhur.
 Vol XXII, No 3, 1959, pp 405-413.

SLA 60-18422

Sci
Vol IV, No 11
May 62

197, 957

Metabolism of Microelements in the Brain
According to Sinusotomy Data in Excitation
of the Central Nervous System Activity,
by V. R. Soroka, 12 pp.

RUSSIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 3, 1959, pp 435-443.

SLA 60-18510

Sci
Vol IV, No 11
May 62

197, 963

(DC-5411)

Effect of Galascorbine and Thiamine on the
Recovery of Injured Muscles, by T. V. Fetisova,
E. F. Shamray, 8 pp.

UKRAINIAN, per, Ukrayins'kyy Biokhimi,
Vol XXXI, No 4, Sept-Oct 1959, pp 562-568.

JPRS 8054

Sci - Med

Apr 61

147,231

New Location of *Campocyon Chalybasus* Kerts,
in Ukraine, by G. M. Palmer, 5 pp.
RUSSIAN, per, Ukrayinskyi Botanichnyi Zhur,
Vol 31, No 5, 1959, pp 81-83.
NLL 7s 6d FBS-2251
NCH-203 121

324,297

USSR
Geo

Effect of Serotonins on the Incorporation of the
Radioactive Trace Into CNS Proteins of Intra-
cranial Introduction of Methionine S³⁵ and
Glycine ¹⁴C, by E. M. Kravczynski, 6 pp.

RUSSIAN, per, Ukrain Biokhim Zhur,
Vol XXXI, No 5, 1959, pp 665-670.

SLA 60-18415

Sci
Vol IV, No 11
May 62

197,966

Effect of α -Pinene of Oxygen Absorption and
Glutathione Activity in the Rat Brain in
Experiments in Vivo, by M. M. Epshteyn, 6 pp.

RUSSIAN, per, Ukrainakiy Biokhim Zhur, Vol XXXI,
No 5, 1959, pp 751-753.

SLA 60-18531

199,697

Sci
Jun 62

Vol 4, No 12

S-104/60

(NY-3661).

The Effect of Iodination of the Stability of the
Macrostructure of Egg Albumin, by V. Lobachevs'ka,
9 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI, No 6,
Kiev, 1959, pp 799-806.

JPRS 5003

Sci - Chem
Jul 60

119,709

Mison-Crighel, Nella, Constantinescu, Elisabeta,
and Crighel, E.

THE EFFECT OF THE PRECONVULSIVE FUNCTIONAL STATE UPON THE DEVELOPMENT OF A CONVULSIVE ATTACK AND UPON THE BIOCHEMICAL CHANGES CAUSED BY CONVULSIONS. [1962] [12]p. (2 figs. omitted) 17 refs.

Order from OTS or SLA \$1.60

62-14689

Trans. of Ukr[ayins'kyi] Biokh[imichnyi] Zhurn[al] (USSR) 1959, v. 31, no. 6, p. 834-848.

DESCRIPTORS: *Brain, *Metabolism, Glycogen, Lactic acid, *Convulsions, Biochemistry, Inhibition, Adenosine phosphates, Electroencephalography.

A state of stimulation in rats caused by an injection of four mg of sodium benzoic caffeine per 100 g of body weight produces an irregular curve on the EEG with rapid waves of a frequency of 25-30 y/c, predominant- (Biological Sciences--Pathology, TT, v. 8, no. 6)over

62-14689

I. Mison-Crighel, N.
II. Constantinescu, E.
III. Crighel, E.

Office of Technical Services

Incorporation of Radiomethionine and
Radiotyrosine into the Brain Tissue
in SE Single and Recurring Experimentally
Induced Epileptic Seizures, by K. I.
Pogodayev, N. F. Turova, 11 pp.

RUSSIAN, per, Ukrain Biokhim ~~XXX~~ Zhur,
Vol XXXI, No 6, 1959, pp 849-848.

SLA 60-18366

Sci
Feb 62
Vol 4, No 9

184, 672

Skvirskaya, E. B. and Babii, T. P.
COMPARATIVE DATA ON THE NUCLEIC ACID
COMPOSITION IN THE NERVOUS SYSTEM OF COWS
[1962] [9]p. 19 refs.
Order from OTS or SLA \$1.10

62-14763

Trans. of Ukr[ayins'kyi] Biokh[imichnyi] Zhurn[al]
(USSR) 1959, [v. 31] no. 6, p. 859-867.

DESCRIPTORS: *Nucleic acids, *Nervous system,
Cattle, *Brain, Nerves, Paper chromatography,
Ultraviolet spectroscopy.

The method of quantitative paper chromatography in
conjunction with ultraviolet spectrophotometry was
applied to a study of the nucleic acid composition in
nervous system tissues. RNA, derived from the brain
and peripheral nerve tissues of cows is typified by
different composition (different molar ratios of the
various nitrogenous components and a different coef-
ficient of specificity). The tissue and nuclear RNA's
(Biological Sciences--Biochemistry, TT, v. 8, no. 9)
(over)

62-14763

I. Skvirskaya, E. B.
II. Babii, T. P.

Office of Technical Services

S-104/60

(NY-3561).

The Effect of Ionizing Radiation on the Lipid
Composition of the Blood and Liver of the Rat, by
V. V. Nikol'skiy, N. A. Nakolayeva, L. M.
Chumakova, 7 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI, No 6,
Kiev, 1959, pp 877-882.

JPRS 5004

Sci - Chem
Jul 60

119,708

Effect of Vitamin B₅ Antagonists (Toxo-Pyrimidine and Isonicotinyl Hydrazine) on the Contents of NH₃, Glutamine, Glutamic and γ -Aminobutyric Acids in the Rat Brain, by Yu. V. Bukin, 6 pp.

RUSSIAN, per, Ev Ukrayins'kyy Bickhim Zhur, Vol XXXI, No 6, 1959, pp 905-911.

SLA 60-18365

Sci
May 62
Vol 4, No 10

193: 793

S-104/60

(NY-3661).

Conversions of Phosphoric Acid Esters of Choline,
Ethanolamine, and Serine in the Brain, by P. A.
Kometiani, L. K. Tkeshelashvili, 30 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXI,
No 6, Kiev, 1959, pp 913-936.

JPRS 5005

Sci - Chem
Jul 60

Language In C.
119,710

Bukin, Yu. V.

ON THE CONVULSIVE AND LETHAL ACTION OF
VITAMIN B₆ ANTAGONISTS (TOXOPYRIMIDINE AND
ISONICOTINYL HYDRAZIDE). [1962] [10]p. 18 refs.
Order from OTS or SLA \$1.10 62-25113

Trans. of Ukrayins'kyl Blokhirnichnyl Zhurnal (USSR)
1960, v. 32 [no. 1] p. 67-76.

DESCRIPTORS: *Convulsions, *Poisoning, Inhibition,
*Vitamin B complex, *Pyrimidines, Toxicity, *Isoni-
azid, Drugs, Glutamic acid, Arginine.

When rats are intoxicated with toxopyridimine, the
administration of pyridoxal, even in the latest stages of
intoxication, suppresses convulsions and prevents the
lethal outcome of the intoxication. In contrast to toxo-
pyridimine intoxication, acute intoxication of rats by
isonicotinyl hydrazide cannot be suppressed or elimi-
(Biological Sciences--Toxicology, TT, v. 9, no. 6)
(over)

62-25113

H. Bukin, Yu. V.
H. Translations, New York

Office of Technical Services

Tsiperovich, O. S. and Loseva, A. L.
ROLE OF AMINO GROUPS IN THE MACROSTRUC-
TURE OF PROTEIN. [1962] [13]p. 28 refs.
Order from OTS or SLA \$1.60 62-33270

Trans. of Ukrayns'kyi Biokhimichnyi Zhurnal (USSR)
1960 [v. 32] no. 4, p. 491-506.

DESCRIPTORS: *Amines, *Molecular structure, Pro-
teins, *Plasma proteins, Biochemistry, Trypsin,
Trypsinogen, Egg white.

(Biological Sciences--Biochemistry, TT, v. 9, no. 6)

62-33270

I. Tsiperovich, O. S.
II. Loseva, A. L.
III. Translations, New York

Office of Technical Services

Mestechkina, A. Ya.
SOME CHEMICAL CHANGES IN THE BRAIN
UNDER THE EFFECT OF TUMORS. [1962] [18]p.
15 refs.

Order from OTS or SLA \$1.60 62-14762

Trans. of Ukr[ayins'kyi] Blokh[imichnyi] Zhurn[al]
(USSR) 1960, v. 32, no. 3, p. 381-391.

DESCRIPTORS: *Brain, Chemical analysis, *Tumors,
Water, Nitrogen, Phosphorus, *Cerebrospinal fluid.

In the white matter of the human brain located close
to a tumor the water content increases as observed
in macroscopic experiments with oedema and swelling.
At the same time the content of total nitrogen
and phosphorus, the precipitate nitrogen and the acid-
sol. phosphorus content of total nitrogen and phos-
phorus, the precipitate nitrogen and the acid-sol.
phosphorus content, computed on the dry matter, in-
creases. With the method of centrifugion we were
(Biological Sciences--Biochemistry, TT, v. 8, no. 9)
(over)

62-14762

I. Mestechkina, A. Ya.

Office of Technical Services

(DC 4319).

Seventh

~~7~~ Coordination Conference on the Problem "Biochemistry of the Nervous System", by Ya. V. Belik, *2 pp*

UKRAINIAN, per, Ukrainskiy Biokhimichnyy Zhur,
Vol XXXII, No 3, 1960, pp 483-484.

JPRS 6046

Sci-Chem

19 Aug 60

(NY-5431)

First Conference on the Study of Nucleic Acids and
Nucleo-Proteins, by O. P. Chesinoga, E. B.
Skvyrs'ka, 9 pp.

RUSSIAN, per, Ukrain Biokhii Zhur, Vol XXXII,
No 4, 1960, pp 614-618.

JPRS 7460

Sci - Biol

Feb 61

139, 089

Polyakova, N. M., Bellik, Y. V., and Tsaryuk, L. A.
PROTEINASE IN FUNCTIONALLY DIFFERENT
DIVISIONS OF THE CENTRAL NERVOUS SYSTEM
AND IN VARIOUS STRUCTURAL ELEMENTS OF THE
BRAIN CELLS. [1962] [8]p.
Order from OTS or SLA \$1.10 63-10173

Partial trans. (table only) of Ukrayins'kyi
Biokhimichnyi Zhurnal (USSR) 1960, v. 32, no. 5,
p. 623-634.

DESCRIPTORS: *Peptide hydrolases, *Nervous
system, *Brain, *Spinal cord, *Cells (Biology),
Cerebral cortex, Cerebellum, Microsomes,
Biochemistry.

(Biological Sciences--Biochemistry, TT, v. 9, no. 12)

63-10173

I. Polyakova, N. M.
II. Bellik, Y. V.
III. Tsaryuk, L. A.

Office of Technical Services

(NY-5689/1)

Effect of Radiant Energy on Changes in the
Aldolase Activity and the SH groups of Myogen A,
by M. A. Kolomyichenko, I. P. Stasevs'ka, 9 pp.

UKRAINIAN, per, Ukrayins'kyy Biokhim Zhur,
Vol XXXII, No 5, 1960, pp 645-652.

JPRS 7983

Sci - Med

Apr 61

147,237

(NY-5689/2)

On Certain Physico-Chemical Properties of Proteins
of Blood Serum During Malignant Growth, by V. P.
Korotkoruchko, 15 pp.

per,
UKRAINIAN, Ukrayins'kyi Biokhimichny Zhurnal,
Vol XXXII, No 5, 1960, pp 655-666.

JPRS 9005

Sci - Med

Apr 61

147,239

(NY-5689/3)

Age Changes in the Intensity of Radiomethionine
Incorporation in the Proteins of the Crystalline
Lens, by Ye. V. Cherevychna, I. I. Chykalo, 6 pp.

~~RUSSIAN~~

UKRAINIAN, per, Ukrayins'kyy Biokhim Zhur.
Vol XXXII, No 5, 1960, pp 678-681.

JPRS 7984

Sci - Med

147,230

Apr 61

Epstein, M. M. and Khilko, O. K.
THE EFFECT OF α -PINENE ON CARBON DIOXIDE
PHOSPHORUS-METABOLISM. [1962] [7]p. 15 refs.
Order from OTS or SLA \$1.10 63-10170

Partial trans. (tables, figs. refs. conclusion only)
of Ukr[ayins'kyi] Biokh[imichnyi] Zhurn[al] (USSR)
1960, v. 32, no. 3, p. 710-715.

DESCRIPTORS: Toxicity, *Terpenes, *Carbon dioxide,
Phosphorus, *Metabolism, Glycogen, Liver, Muscles,
Brain, *Oxygen consumption, *Phosphorylation,
Adenosine phosphates, Biochemistry.

Prolonged administration of α -pinene (70 to 80 days)
leads to an increase in the amount of glycogen in
liver tissue of animals (an average increase of 21%)
and in the skeletal muscles of rats (an average
increase of 131%). No marked differences in quantity
(Biological Sciences--Biochemistry, TT, v. 9, no. 12)
(over)

63-10170

1. Title: Pinene
I. Epstein, M. M.
II. Khilko, O. K.

Office of Technical Services

Veremeenko, K. N.
DEPRESSION OF TRYPSIN ACTIVITY BY BLOOD
PLASMA. [1962] [11]p. 24 refs.
Order from OTS or SLA \$1.60 62-33087

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1960, v. 32, no. 6, p. 793-807.

DESCRIPTORS: *Trypsin, *Drugs, Pharmacology,
Inhibition, *Blood plasma, *Enzymes, Decomposition,
Proteins, Fever, Therapy.

The present article supports the conception that the
binding of trypsin by the inhibitors in the plasma is
reversible and that this complex tends to dissociate.
The antifebrile action of trypsin is based on the decom-
position of certain proteins or peptides, which have a
strong affinity for the enzyme.

(Biological Sciences--Pharmacology, TT, v. 9, no. 7)

62-33087

I. Veremeenko, K. N.
II. Translations, New York

Office of Technical Services

Pogodaev, K. I. and others.
PROTEIN METABOLISM IN BRAIN TISSUES DURING
RECURRING EPILEPTIC FITS. [1962] [23]p. 47 refs.
Order from OTS or SLA \$2.60 62-20315

Trans. of Ukr[ayins'kyi] Biokh[imichnyi] Zhurn[al]
(USSR) 1966, v. 32, no. 6, p. 808-822.

DESCRIPTORS: *Proteins, *Metabolism, *Brain,
*Tissues (Biology), Convulsions, *Epilepsy

The intensity of protein metabolism in the brain of animals depends on the number and frequency of repeated convulsive attacks, induced by electricity: if attacks are frequently repeated without leading to deep exhaustion the metabolic processes are carried out more intensively than under normal circumstances and under conditions of a few repetitions only, taking into account at the same time the condition following convulsive attacks, which is characterized by an essentially (Biological Sciences--Pathology, TT, v. 9, no. 11) (over)

62-20315

I. Pogodaev, K. I.

Office of Technical Services

Udintsev, N. A.
EFFECT OF GLUTAMIC ACID ON THE ACTIVITY
OF CERTAIN TISSUE ENZYMES UNDER THE CON-
DITION OF HYPOXIA AND PHYSICAL EFFORT.
[1962] [11p. 24 refs.
Order from CTS or SLA \$1.60 63-10174

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1960, v. 32, no. 6, [p. 857-866].

DESCRIPTORS: *Glutamic acid, Tissues (Biology),
Enzymes, *Hypoxia, *Exercise, Hydrolases,
Oxidoreductases, Cytochrome oxidase, Biochemistry.

The injection of glutamic acid under conditions of
hypoxia intensifies the activity of some enzymes
associated with tissue respiration, namely cyto-
chrome oxidase, glutamic dehydrogenase, and
lactic dehydrogenase. In physical effort of short
(Biological Sciences - Biochemistry, IT, v. 9, no. 12)
(over)

63-10174

I. Udintsev, N. A.

Office of Technical Services

Kotkova, K. I., Orlovskaya, N. N., and Enevich,
T. F.
PHOTOSENSITIZED OXIDATION OF EGG ALBUMIN
AMINO ACIDS AND CHANGES IN THE MACRO-
STRUCTURE OF ITS MOLECULE. [1962] [9]p.
18 refs.
Order from OTS or SLA \$1.10 63-13033

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1961 [v. 33] no. 1, p. 3-13.

DESCRIPTORS: Photosensitivity, Oxidation, *Albumins,
*Eggs, *Amino acids, Photochemistry, Molecular
structure, Proteins.

It was found that in photosensitized oxidation of egg
albumin by methylene blue under conditions of weakly
alkaline reaction (pH 8.1--8.3) cysteine and histidine
are oxidized more rapidly, tyrosine and tryptophan
(Biological Sciences--Biochemistry, TT, v. 10, no. 4)
(over)

63-13033

I. Kotkova, K. I.
II. Orlovskaya, N. N.
III. Enevich, T. F.
IV. Translations, New York

Office of Technical Services

Gubenko, T. L.
OBTAINING GAMMA-GLOBULIN FROM PLACENTAL
SERUM BY THE RIVANOL-ALCOHOL METHOD
UNDER PRODUCTION CONDITIONS. [1962] [8p.
17 refs.

Order from OTS or SLA \$1.10

63-13034

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1961, v. 33, no. 1, p. 14-21.
Another trans. is available from ATS \$8.50 as
ATS-29P60U [1962] 6p.

DESCRIPTORS: *Blood proteins, Preparation, *Fetal
membranes, *Serum, Gamma globulin, Alcohols.

A combined Rivanol-alcohol method is recommended
for obtaining gamma-globulin from placental serum.
Employing the Rivanol-alcohol method makes it possible:
(1) to cut the fractionation time to less than half of that
required with the alcohol method; (2) to increase the
(Biological Sciences--Biochemistry, TT, v. 9, no. 11)
(over)

63-13034

1. Title: Rivanol-
alcohol method
- I. Gubenko, T. L.
- II. Translations, New York

Office of Technical Services

<p>Gubenko, T. L. THE PREPARATION OF GAMMA-GLOBULIN FROM PLACENTAL SERUM BY THE RIVANOL-ALCOHOL METHOD UNDER INDUSTRIAL CONDITIONS. [1962] 6p. Order from ATS \$8.50</p> <p>Trans. of Ukrayin[s'kyl] Blokhim[ichnyl] Zhur[naal] (USSR) 1961, v. 33, no. 1, p. 14-20.</p> <p>DESCRIPTORS: *Blood proteins, Preparation, *Fetal membranes, *Serum.</p> <p>(Biological Sciences--Biochemistry, TT, v. 8, no. 4)</p>	<p>62-17274</p> <p>I. Gubenko, T. L. II. ATS-29P60U III. Associated Technical Services, Inc., East Orange, N. J.</p> <p>ATS UJ-4216</p> <p>Office of Technical Services</p>
--	---

(NY-6426)

Effect of Radioactive Phosphorus on the Content of
Proteins, Residual Nitrogen, and Urea in the Blood
Under Conditions of Medically Induced Sleep, by
I. V. Savyts'kiy, 12 pp.

Ukrainian, per, Ukrain Biokhim Zhur, Vol XXXII, No 1,
1961, pp 22-29.

JPRS 9412

158,635

Sci - Med

Jul 61

Nucleotide Composition of Desoxyribonucleic Acid in
Various Animal Breeds and Strains of the Same
Species, by I. P. Kok, 9 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXII, No 1,
1961, pp 37-43.

JPRS 9413

Sci - Med

Jul 61

158,634

(NY-6426)

Effect of Vitamins B₁ and PP on the Metabolism of Citric and Fumaric Acids in Radiation Sickness, by Ye. F. Sopin, V. M. Gayday, 13 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXII, No 1, 1961, pp 57-62.

JPRS 9456

Sci - Med

157,093

Jul 61

(NY-6426)

Effect of Irradiation on the Physico-Chemical
Properties of the Proteins in the Blood Serum, b
A. P. Maydanov, I. K. Felikh, I. P. Makarenko,
8 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXII,
No 1, 1961, pp 88-93.

JPRS 9457

Sci - Med

Jul 61

157,100

DC-5879 ()

"Chamber for Work with Radioactive Carbon," by
G. KH. Mapuka

Ukrainian, Per., Ukrainskiy Biokhimicheskiy Zhurnal,
Vol 33, Series 1, Kiev, Jan/61, PP 111-113.

~~XXX~~ No

*JPRS

Sci/Med
May 61

Carothene-containing Alga *Dunaliella*
Salina Teod. in Saline Basins of the
Crimean Region, by N. P. Massyuk.
RUSSIAN, per, Ukrains'ki Biokhichnii
Zhurnal, 1961, Vol 18, No 4, pp 100-109.
NLI RTS 2211 (On Loan or Purchase)

Aug 65

288,863

(NY-6625)

The Causes of Titer Reduction During Storage of
"Diaferm-3" Antitoxic Sera, by M. A. Torban,
7 pp.

UKRAINIAN
RUSSIAN, per, Ukrayinskyy Biokhim Zhur, Vol XXXIII,
No 2, 1961, pp 175-179.

JPRS 9954

Sci - Biology

169,191

Sep 61

(NY-6538/1)

Influence of Low-Intensity Ultrasonic Waves on
Tissue Respiration and Glycolysis in the Brains
of Albino Rats, by N. F. Svadkovskaya, 11 pp.

RUSSIAN, per, Ukrainskiy Biokhim Zhurn.
Vol XXXIII, No 2, 1961, pp 187-194.

JPRS 9733

Sci - Med

Jul 61

160,393

(NY-6538/2)

Content of Free Fatty Acids in the Blood in
Radiation Sickness, by N. A. Nekovaleva, 7 pp.

UKRAINIAN, per, Ukrainskiy Biokhim Zhur, Vol XXXIII,
No 2, 1961, pp 195-199.

JPRS 9734

Sci - Med

Aug 61

²
16X,056

(NY-6538/3)

Influence of Ionizing Radiation on Metabolism of
Brain Phospholipids, by O. A. Smirnova, 8 pp.

RUSSIAN, per, Ukrainskiy Biokhim Zhur, Vol XXVIII,
No 2, 1961, pp 208-213.

JPRS 9735

Sci - Med

Jul 61

160,379

(NY-6538/4)

The Influence of Whole-Body X-Irradiation on
Protein and Water Metabolism in the Brain,
by O. N. Barmina, 6 pp.

UKRAINIAN, per, Ukrainskiy Biokhim Zhur.
Vol XXXIII, ~~XXXX~~ No 2, 1961, pp 215-219.

JPRS 9736

Sci - Med
Aug 61

163,118

A Method for the Determination of Vitamin D
in Solutions of Irradiated Ergosterol,
7-Dehydrocholesterol and in Irradiated Yeast,
by V. N. Bukin, I. N. Garkina, V. Fominakiy,
16 pp.

RUSSIAN, per, Ukrayinskiy Biokhimiya Zhur,
Vol 33, No 2, 1961, pp 239-247.
CFBTI TT-66-61496

324,294

Q-4 - 112M

(NY-6538/5)

Carbohydrate Metabolism in the Nervous System,
by B. I. Khaykina, 32 pp.

RUSSIAN, per, Ukrainskiy Biokhim Zhur,
Vol XXXIII, No 2, 1961, pp 272-297.

JPRS 9737

Sci - Med

Jul 61

160,392

(NY-6630)

Effect of Ionizing Radiation on the Blood Lipid
Composition in Dogs and the Role of Highly Un-
saturated Acids During the Course of Radiation
Sickness, by N. A. Nekovalova, 6 pp.

RUSSIAN, per, Ukrainskiy Biokhicheskiy Zhur,
Vol XXXIII, No 3, 1961, pp 348-351.

JPRS 10446

Sci - Med

173,583

Nov 61

(NY-6630)

Changes in Lipoproteins of Tumors Under the
Effect of Gamma Rays, by A. M. D'yakova, 14 pp.

RUSSIAN, per, Ukrainskiy Biokhimicheskiy Zhur,
Vol XXXIII, No 3, 1961, pp 352-361.

JPRS 10440

Sci - Med

173,580

Nov 61

Biochemical Changes in Rat Muscles During Work
of Various Durations Under Conditions of
Supplementary Introduction into the Ration of
Malt Extract, Maltose and Glucose, by A. F.
Krasnova, N. R. Chagovets.
RUSSIAN, per, Ukrains 'Kii Biokhimichnii
Zhurnal, Vol 33, No 3, 1961, pp 402-406.
NIL/RTS 12s 6a.

Sci -
Aug 67

334,947

(NY-6630)

Effect of Hypothermia on Ammonia and Glutamine
Content in the Cerebral Cortex of Dogs During
Their Dying and Subsequent Revivification, by
M. S. S Gayevskaya, Ye. A. Nosova, 15 pp.

~~RUSSKI~~ UKRAINIAN, per, Ukrainskiy Biokhimi
Zhur, Vol XXXIII, No 3, 1961, pp 407-416.

JPRS 10442

172,659

Sci - Med
Oct 61

(NY-6630)

Separation of Brain Proteins Via Paper ~~Electrophoresis~~
Electrophoresis, by P. F. Minayev, A. I. Chukhrova,
6 pp.

RUSSIAN, per, Ukrainskiy Biokhicheskiy Zhur,
Vol XXXIII, No 3, 1961, pp 431-435.

JPRS 10443

Sci - Med

173,574

Nov 61

(NY-6680)

Distribution, in the Blood and Organs, and
Excretion From the Organism of Polyglucine
Introduced Into the Blood Stream, by G. V.
Derviz, A. G. Stepanenko, 10 pp.

RUSSIAN, per, Ukrayinskyy Biokhimechnyy Zhur,
Vol XXXIII, No 4, 1961, pp 467-474.

JPRS 10441

Sci - Med

173,578

Seregina, L. M.
ON ALTERATIONS IN THE CARBOHYDRATE
METABOLISM IN RATS DUE TO DIFFERENT DOSES
OF INSULIN. [1962] [6]p.
Order from OTS or SLA \$1.10 63-10172

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1961, v. 33, no. 4, p. 563-568.

DESCRIPTORS: *Carbohydrates, *Metabolism, Rats,
Dosage, *Insulin, Hormones, Drugs, *Shock
(Pathology), Brain, Blood, Blood chemistry, Lactic
acid, Glycogen, Organic acids.

(Biological Sciences--Biochemistry, TT, v. 9, no. 12)

63-10172

I. Seregina, L. M.

Office of Technical Services

Skvirskaya, E. B. and Babli, T. P.
COMPOSITION AND METABOLISM OF NUCLEIC
ACIDS IN FUNCTIONALLY DIFFERENT PARTS OF
THE NERVOUS SYSTEM AND IN THE BRAIN OF
ANIMALS OF DIFFERENT AGES. [1962] [19]p.
(Eng. refs. omitted) 3 refs.
Order from OTS or SLA \$1.10 62-20320

[Condensed] trans. of Ukr[ayins'kyl] Blokhimichnyi
Zhurnal (USSR) [1961] v. 33, no. 5, p. 647-656.

DESCRIPTORS: Nucleic acids, *Brain, *Ribonucleic
acids, *Desoxyribonucleic acids, Animals, *Age,
Nucleotides, Metabolism, Phosphorus, Tracer studies,
*Nucleic acids.

It was established that ribonucleic acid (RNA) in the
central nervous system (CNS) and the peripheral system
of cats is heterogeneous in its nucleotides. The compo-
sition of RNA and deoxyribonucleic (DNA) and the pro-
(Biological Sciences--Biochemistry, TT, v. 9, no. 10)

62-20320

I. Skvirskaya, E. B.
II. Babli, T. P.

Office of Technical Services

Turova, N. F.
RIBONUCLEIC ACID IN THE BRAIN OF ANIMALS
DURING ELECTRICALLY INDUCED CONVULSIONS.
[1962] [5]p.
Order from OTS or SLA \$1.10

62-20305

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1961, v. 33, no. 6, p. 805-809.

DESCRIPTORS: *Ribonucleic acids, *Brain, Animals,
*Electroshock, *Convulsions, Biochemistry, Micro-
photography, Cytochemistry, Nucleic acids

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

62-20305

I. Turova, N. F.

Office of Technical Services

Korotkorucho, V. P. and Fedorova, G. P.
PHYSICO-CHEMICAL PROPERTIES OF SERUM
PROTEINS IN RABBITS WITH BROWN-PEARCE
CARCINOMA. [1963] [16p] 21 refs FASEB Manuscript
no.: S 395-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-24522

Trans. of *Ukrayins'kyi Biokhimichnyi Zhurnal* (USSR)
1962, v. 34, no. 1, p. 23-31. (Abstract available)

DESCRIPTORS: Physical chemistry, *Blood proteins,
Rabbits, *Cancer, Blood chemistry, Diagnostic agents,
Diagnosis,

A substantial decrease in the quantity of reactive SH-
groups in natural blood serum of carcinomatous rabbits
as compared with that of healthy rabbits was shown,
both per 100 ml of serum and per 1 g of protein. In
protein precipitated by nitric acid from the serum of
(Biological Sciences--Pathology, TT, v. 11, no. 6)(over)

TT-63-24522

1. Title: Brown-Pearce carcinoma
- I. Korotkorucho, V. P.
- II. Fedorova, G. P.
- III. FASEB-S-395-2
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(NY-7038)

THE POLAROGRAPHIC ACTIVITY OF BLOOD SERUM PROTEINS,
DURING ACTIVE RADIATION SICKNESS AND THE
PROPHYLACTIC ADMINISTRATION OF PROPYL CALLATE,
BY V. A. BARABY, S. A. BERSHTEYN, 8 PP.

RUSSIAN, PER, URBALN BICHIM ZHUR, VOL XXXIV,
NO 1, 1962, PP 32-38.

JPRS 13639

SCI - MED
MAY 68

193,306

Ribina, A. O.
EFFECT OF 2,4-DINITROPHENOL ON THAMINE
UPTAKE AND METABOLISM IN RABBIT LIVER.
[1963] [10p] 15refs FASEB Manuscript no. S 396-2.
Order from OTS, SLA, or ETC \$1.10 TT-63-23891

Trans. of Ukrayins'kyl Biokhimichnyl Zurnal (USSR)
1962, v. 34, no. 1, p. 47-55. (Abstract available)

DESCRIPTORS: *Nitrophenols, *Thiamine, *Absorption
(Biological), *Metabolism, Liver, Vitamins, Tracer
studies.

Four-hour action of DNP in vivo experiments produces a
decrease in the content of thiamine phosphate fractions
in the rabbit liver without marked disturbance of
radiothiamine uptake. The decreased content of phos-
phorylated thiamine is primarily associated with a
decrease in TTP radioactivity. Changes in the radio-
(Biological Sciences--Biochemistry, TT, v. 11, no. 6)
(over)

TT-63-23891

- I. Ribina, A. O.
- II. FASEB S-396-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

New Species of Blue-Green Algae-*Nostoc*
Elaphicum sp. n., by N. V. Kondratyeva.
RUSSIAN, per, Ukrains'kii Biokhimichnii
Zhurnal, 1962, Vol. 19, No 1, pp 58-65.
NLL RTS 2212 (On Loan or Purchase)

Aug 65

288,864

Isolation and Purification of Brain Proteinase,
by N. M. Poliakova, V. K. Lishko, 8 pp.

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXIV,
No 2, 1962, pp 208-216.

NIH 12-17-62

Sci - Med

222,489

Feb 63

Effect of Adenosinetriphosphoric Acid (ATP) on
the Metabolism of Phosphoproteins in the Liver
at Radiation Inflection, by R. P. Vinogradova, 9 pp.
UKRAINIAN, per, Ukrains'kyi Blok Zhur,
Vol XXXV, 1963, pp 274-279. 9698758
FTD-TT-64-1163

Sci - Biol & Med Sci
May 65

280,463

Effect of Whole-Body X-Irradiation on
Iron Metabolism in Animals, by A. B.
Uteshev, 7 pp.

RUSSIAN, per, Ukrain Biokhim Zhur,
Vol XXXIV, No 3, 1962, pp 371-378.
9069036

AEC Tr-5354

Sci - Med
Dec 62

217.5866

Dietary Amino Acid Deficiency in Relation to Blood
Sugar, by P. V. Simakov.

RUSSIAN, per, Ukrain Biokh Zhur, Vol XXXIV, No 3,
1962, pp 400-407.

NIL RTS 2245 (Loren)

Sci - Biol & Med Sci
Feb 64

248,281

The Ammonia-Glutamic Acid-Glutamine System
in the Rat Brain During Various Phases of
Hypothermia, by Ya. I. Veksler, Z. S. Gershenovich. 1
14 pp.

RUSSIAN, per, Ukrayin'skyi Biokhimichnyi
Zhurnal, Vol XXXIV, No 3, 1962, pp 406-418.
SLA TT-64-18755.

Sept 66

309,774

Formation of Acetyl Phosphate in Animal Liver
Homogenates, by M. F. Gulya, T. M. Pechonova, et al,
12 pp.
UKRAINIAN, per, Ukrain Biokhim Zhur, No 6, 1962,
pp 848-851. 9226784
AEC-UCRL-Tr-1137(L)

Sci-B/M
Feb 65

273,209

Effecy of X-Ray Radiation and Prophylactic Treatment
with Propyl Gallate on Nucleic Acid Content in Rat
Organs, by M. F. Lipkan, V. A. Baraboy, 7 pp.

RUSSIAN, per, Ukrain Biokhin Zhur Vol XXXIV, No 2,
1962, pp 167-175. 9666829

FD- TT-62-918

Sci - Med
Nov 62

216,877

Enzymatic Classification of Poisons, by A. A. Pokrovsky,
33 pp.
RUSSIAN, per, Uspekhi Biol Khim, No 4, 1962, pp 61-80.
JPRS 26966

Sci - Chem
Dec 64

269,888

Denaturation and Fragmentation of DNA in
Cells of the Animal Organism, by B. I.
Gol'dshtein, V. V. Gerasimova.
RUSSIAN, per, Ukrayin'kyi Biokhimichnyi
Zhurnal, Vol 35, No 1, 1963, pp 3ff.
FASEB

Sci-B&M
Jul 66

306,458

Ivanyuta, O. M.
CARBOHYDRATE-PHOSPHORUS METABOLISM IN
THE SKELETAL MUSCLES OF EPINEPHREC-
TOMIZED ANIMALS TREATED WITH CORTISONE
AND VITAMINS C AND P (Vuglevodno-Fosforniy
Obmin Skeletnykh M'язiv Epinefektomovannykh
Tvaryn pri Terapii Kortyzonom i Vitaminamy C i P).
[1963] [8p] 4refs FASEB Ms no. S411-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-13904

Trans. of Ukrayins'kyi Biokhimichniy Zhurnal (USSR)
1963, v. 35, no. 1, p. 30-34.

DESCRIPTORS: Carbohydrates, Phosphorus,
*Metabolism, *Muscles, Excision, Adrenal glands,
*Corticosteroid agents, *Ascorbic acid, *Vitamin P.

(Biological Sciences--Biochemistry, TT, v. 11, no. 10)

TT-64-13904

- I. Ivanyuta, O. M.
- II. FASEB-S-411-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

THE EFFECT OF SODIUM GALLATE ON THE NUCLEIC
ACID CONTENT IN THE ORGANS OF HEALTHY AND
IRRADIATED RATS, BY V. A. BARABOY, S. P. MATSUY,
8 PP.

UKRAINIAN, PER, UKRAYNS'KIY BIOKHMICHNIY ZHURNAL,
VOL XXXV, NO 1, 1963, PP 84-90.

JPRS 19355

OTS 77-64-13837

SCI - BIOL & MED SCI

MAY 63

231,349

Fibrinogen Fractions, by T. V. Varetskaya. 15 pp.
RUSSIAN, per, Ukrayins'kyi Biokhimichnyi Zhurnal,
Vol 35, No 1, 1963, pp 104-112.
SLA TT-64-19228

Sci/B&M
Jul 66

303,832

The Free Amino Acid Content of the Cerebral
Hemispheres, by N. S. Nilova, 11 pp.
RUSSIAN, per, Ukrain Biokim Zhur, Vol XXXV,
No 2, 1963, pp 220-226.
NIH 5-4-64

Sci - Biol & Med
Jul 64

262,194

Uric Acid Content in the Tissues and Its
Formation From RNA and Nucleotides, by
Yu. L. Hermanyuk.
RUSSIAN, per, Ukrayins'kyi Biokhimichnyi
Zhurnal, Vol XXXV, 1963, pp 377-384, No 3.
CFSTI TT 65-60202

Sci
Jun 67

327,337

Bone Tissue Trace Element Content During
Immobilization, by V. M. Gordienko, A. M. Bilous.,
RUSSIAN, per, Ukrayins'kyi Biokhimichnyi Zhurnal,
Vol XXXV, No 3-1963, pp 428-435.

CFSII TT 65-60158

Sci

Jun 67

327,336

NUCLEIC ACID CONTENT IN NERVE CELLS IN VARIOUS
FUNCTIONAL STATES (ACCORDING TO DATA FROM QUANTI-
TATIVE CYTOCHEMICAL INVESTIGATIONS), BY L. Z. PEVZNER
31 PP

RUSSIAN, PER, UKRAINSKIY BIOKHMICHESKIY ZHURNAL,
VOL XXXV, NO 3, 1963, PP 448-477.

JPRS 20868

USSR
SCI-BIOL & MED SCI
SEP. 63

342,915

NUCLEIC ACID CONTENT IN THE TISSUES OF ANIMALS
IRRADIATED AND TREATED WITH AN ANTI-RADIATION COMPLEX,
BY M. F. LIPKAN, M. T. PINDICH, 7 PP.

UKRAINIAN, PER, UKRAYINS'KIY BIOKHMICHNIY ZHURNAL,
VOL XXXV, NO 4, 1963, PP 514-518.

JPRS 21472

SCI-BIOL & MED
OCT. 63

346,497

EFFECT OF IPRASIDE ON THE NITROGEN METABOLISM OF
THE RABBIT BRAIN, BY YA. T. TERLETS'KA, 7 PP.

UKRAINIAN, PER, UKRAYINS'KIY BIOKHMICHNIY ZHURNAL,
VOL XXXV, NO 4, 1963, PP. 542-547.

JPRS 21472

SCI-BIOL & MED
OCT. 63

346,498

Effect of Cortisone on the Metabolism of Ribonucleic
Acid and Its Nucleotides in Liver Development,
by Ts. M. Shereshevskaya, 16 pp.
RUSSIAN, per, Ukrayn Biokhim Zhur, Vol XXXV,
No 5, 1963, pp 656-667. 9223420
NASA TT F-224

Sci - B & M Sci
Aug 64

265,575

Anti-Radiation and Anti-Oxidation Properties of Certain
Polyphenols, by V. A. Baraboi, B. Ya. Medovar, 9 pp. (SFR 30/5)
UKRAINIAN, per, Ukrayinskyi Biokhimichniy Zhur, Vol XXXV,
No 6, 1963, pp 924-929.

Sci - Chem
Mar 64

JPRS 23567
CFSTI TT 64-21134
251, 595

Bio Lab T-459-1

R-7443-D
6 Sept. 1966

FRACTIONATION OF BOVINE GAMMA-GLOBULIN ON COLUMNS OF
CARBOXYMETHYL- AND DIETHYLAMINETHYL-CELLULOSE

Author: A.S. Tsyperovich & I.P. Galich

Source: Ukrainian Biochemical Journal, 35, 6, 1963
pp 931-941

Language: Russian

Est for wds:

Type one camera ready copy. Document may be cut.
T-459-1

Incorporation of Radiomethionine in the Protein
Fractions of Blood Serum Under the Effect of
X-Ray Irradiation and Thiophosphamide, by
I. V. Savitskiy, V. G. Zelinskiy, 8 pp.
RUSSIAN, per, *Ukrayin Biokhim Zhur*, Vol XXXVI,
No 1, 1964, pp 14-20.
JPRS 24164

Sci - Med
Apr 64

254, 405

Rupture of Disulfide Bonds of Fibrinogen by
Cysteine, by A. K. Khomenko, V. A. Beltser, 10 pp.
RUSSIAN, per, Ukrayin Biokhim Zhur, Vol XXXVI,
No 1, 1964, pp 22-31.
JPRS 24164

Sci - Med
Apr 64

254, 406

Changes in Certain Physico-Chemical Properties of
Cerebral Proteins Under eExcitation of Nervous
Activity, by Ye. F. Ivanenko, V. F. Dunayeva, 10 pp.
RUSSKRAINIAN, per, Ukrayins'ky Biokhimi Zhur,
Vol XXXVI, No 1, 1964, pp 72-79.
JPRS 24119

Sci - Biol & Med
Apr 64

254, 343

Effect of Ischemia on the Indices of
Energy and Protein Metabolism of the
Myocardium, by T. V. Fetisova, L. F. Khomitska,
RUSSIAN, per, Ukrayins'kyi Biokhimichnyi Zhurn,
Vol XXXVI, No 1, 1964, pp 80-87.
CFSTI TT 65-60235

Sci
Jun 67

327,335

Synthesis and Transformation of Amino Acids and
Other Organic Compounds by the Effect of
Irradiation and Other Types of Energy, by
M. A. Kolomychenko, 23 pp.
RUSSIAN, per, Ukrain Biokhim Zhur, Vol XXXVI,
No 1, 1964, pp 132-155.
JPRS 24164

Sci - Med

Apr 64

254, 407

Sarcoplasm Proteins and Serum Proteins During
Prolonged Muscular Activity and at Rest, by
A. F. Krasnova, 8 pp.

~~KHESK~~

UKRAINIAN, per, Ukrain Biokhim Zhur, Vol XXXVI,
No 2, 1964, pp 209-215.
JPRS 24744

Sci-Med
Jun 64

260,436