

Puzin, V. P.

GLYCOGEN OF THE CHOROID PLEXUSES OF THE
THIRD AND FOURTH CEREBRAL VENTRICLES IN
ONTOGENESIS. [1962] [9p. (1 fig. omitted) 11 refs.
Order from OTS or SLA \$1.10 62-14717

Trans. of Arkhiv Patologii (USSR) 1958 [v. 20] no. 6,
p. 25-31.

DESCRIPTORS: *Brain, *Cerebrospinal fluid, Cells
(Biology), *Glycogen, Embryos, Growth, Histology, Age,
Anatomy, Physiology.

The structure of the choroid plexuses of the brain differs
during various stages of ontogenic development. In the
embryos of cats the epithelial cells of the choroid
plexuses are comparatively large and are characterized
by a small amount of basophilic substances within the
cytoplasm and abundant glycogen inclusion. Together
(Biological Sciences--Physiology, TT, v. 8, no. 3)
(over)

62-14717

1. Title: Ontogenesis
2. Title: Choroid plexuses
3. Title: Cerebral ventricles
1. Puzin, V. P.

Office of Technical Services

(2244-N)

Reflex Effects From Internal Organs on the
Function of the Gastro-Intestinal Tract in
Irradiated Animals, by Ye. A. Brodskaya, 7 pp.

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JPRS L-639-N

Sci - Med
Mar 59

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BD #23

(DC-3131).

Yakov L'vovich Rapoport (On his 60th Birthday),
3 pp.

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JPRS-L-2021-¹~~2~~ D

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Sci - Misc

Feb 60

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/Aleksandr Pavlovich Avtsyn (On his 50th
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pp 88, 89.

JPRS-L-2021-D

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Sci - Misc

Feb 60

S-5156 a

(DC-2001).

Morphological Changes Due to the Effect of
Changes in Atmospheric Pressure Under Experi-
mental Conditions, by V. I. Nikolayeva, 6 pp.

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JPRS-L-1756-D

Sci - Medicine, Pathology
Jul 59

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(DC-3328).

Professor Ivan Ivanovich Medvedev, 2 pp.

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JPRS 3043

Sci - Misc

Mar 60

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YJPRS 2429

Sci - Med. Misc

Jan - 0

(NY-3903/3).

Regulation of Physiological Processes, by V. V.
Voronin, 16 pp.

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JPRS-2103-N

Sci - Med
Feb 60

106, 703

S-5883

(NY-4722).

Early Changes of Dogs' Skeletons Following
Radioactive Strontium and Yttrium Irradiation,
by N. N. Litvinov, 8 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XII, No 5,
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JPRS-1-901-8

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Sci - Biology, Radiobiology
Aug 79

8-5283

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**Demyelination of the Central Nerve Fibers
Produced by the Total Action of Ionizing Radiation
on Animal-Organisms, by A. F. Bibikova, 8 pp.**

**RUSSIAN, per, Arkhiv Radiologii, Vol XXI, No 5,
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JWS-1-902-2

**Sci - Biology, Radiobiology
Aug 79**

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S-5203

(NY-8722).

Changes in the Peripheral Nervous System of
Dogs in Acute Radiation Sickness Caused by the
Intravenous Administration of Radioactive
Strontium, by B. I. Lebedev, 9 pp.

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No 5, 1979, -- 83-90.

JMS-L-983-E

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Sci - Biology, Radiobiology
Aug 79

Problem of Specific Affections of
Lungs in Leukoses, by A. D. Soboleva.
RUSSIAN, per, Arkhiv Patologii,
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Sci-DEI
Jul 65

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The 60th Birthday of Pavel Pavlovich Dvishkov,
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pp 93, 94.

JPRS 3043

Sci - Misc
Mar 60

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(NY-2839).

Early Changes in the Bone Marrow of Irradiated
Animals, by A. L. Pozdnyakov, 10 pp.

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Sci - Med, Radiology
Sep 59

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S-5381

(NY-2952).

Pathological Anatomy of Experimental Plague in
Camels, by V. N. Lobanov, 8 pp.

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pp 37-42.

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Sci - Med - Infectious Diseases
Oct 59

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Concerning the Immunological, Biological and
Cytological Properties of Malignant Tumors in
Hetero-Transplantation and Explanation, by
M. S. Lomakin, 19 pp.
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1959, pp 63-72. 9692759
FTD-TT-63-1172

Sci-Biol & Med Sci
June 64

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Effect of Sleep Disturbances on the Course and
Outcomes of Diphosgene Pulmonary Edema, by
V. P. Petrukhin.
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pp 45-49.
NTC-71-10231-06E

Nov 71

(NY-3442).

The 70th Birthday and 42nd Anniversary of Scientific
Activities of Mariya Alekseyevna Zakhar'yevskaya,
3 pp.

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pp 93, 94.

JPRS 2466

Sci - Misc
Apr 60

114,097

CR-284-12

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The 60th Birthday of Boris Ivanovich Miggunov,
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JPRS 2466

Sol - Misc
Apr 60

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Sci - Med, Misc

Jan 60

On the Morphogenesis of the Secondary
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NIN 3-28-65

Sci-Biol & Med Sci
May 65

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On the Physiological Mechanisms of the
Potentiation Effect of Types A and B Botu-
linal Toxins in the Organism, by
V. V. Mikhailov.

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Clinical Picture and Epidemiology of Certain Less
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Apr 60

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Jun 60

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Jun 60

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(NY-5002)

Aleksey Mikhaylovich Antonov (Anniversary Dates),
3 pp.

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(SF-1345).

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(NY-4135)

The Change in the Activity of the Endocrine
Glands in Experimental Radiation Pathology,
by P. D. Gorizontov, T. N. Protasova, 23 pp.

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Sci - Med

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S-400/60

(NY-4135)

Morphological Changes in the Central and
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JPRS 5760

Sci - Med

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S-408/60

(NY-4135)

Characteristic of the Reaction of the
Gastrointestinal Tract to Chemical Stimulation
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Radioactive Strontium, by G. A. Lebedeva, 12 pp.

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Sci - Med

Sep 60

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(NY-4135)

The Functional Morphology of the Heart in
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(NY-4135)

An Autoradiographic Study of the Process of
Hormone Formation in the Thyroid Gland Under
Various Experimental Conditions, by V. I.
Levenson, 13 pp.

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JPRS 5656

Sci - Med

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(NY-4655)

Disturbance of Carbohydrate Metabolism in the
Central Nervous System of Dogs With Experimental
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Investigation), by M. I. Razumov, A. I.
Makarychev, B. K. Skirko, Z. A. Kazakova, 16 pp.

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JPRS 5408

Sci - Med

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125, 280

S-561/60

(NY-4655)

The Morphology of Mitral Valve Commissures in
Rheumatic Heart Disease, by G. A. Chekareva, 10 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXII, No 5,
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JPRS 5409

Sci - Med

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(NY-4655)

The Methodology of Quantitative Evaluation of
Atherosclerosis, by S. A. Buvaylo, 3 pp.

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JPRS 5410

Sci - Med

Sep 60

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May 63

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Electron Microscopic Structure of the Pulmonary
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(DC-4736).

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skiy,

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*JPRS 6711

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Sci - Misc

Nov 60

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Electrogenic Action of Ionizing Radiation.
Radiation Tumors of Animals, by N. A. Krayevskiy,
N. N. Litvinov, 42 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXII, No 8,
1960, pp 3-17.

JPRS 7264

Sci - Med

Jan 61

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(NY-5184)

Experimental Morphological Analysis of Tissue
Systems of the Organism in Deacrated Animals, by I. V. Davydovskiy, K. M. Danilova,
L. A. Gulina, L. Ya. Pokrovskaya, et al, 34 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXII, No 8,
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JPRS 7265

Sci - Med

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Jan 61

(NY-5429)

Changes in the Organism of Animals Following
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Insecticides, by Yu. S. Kagan, Ye. I. Makovskaya,
10 pp.

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1960, pp 44-49.

JPRS 7405

Sci - Med

136,522

Jan 61

(NY-5555/1)

On the Problem of Rotioulases, by R. D.
Shtern, 25 pp.

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JPRS 10018

167,875

Sci - Med
Sep 61

(NY-5555/2)

Types of Blood Supply to the Heart, by A. V.
Smol'yannikov, T. A. Medvedchina, 11 pp.

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JPRS 9626

Sci - Med
Aug 61

162,717

(NY-5555)

Pathohistological Changes in the Organs of White
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RUSSIAN, per, Arkhiv Patolog, Vol XXII, No 10,
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JPBS 9433

Sci - Med

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Jul 61

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JPRS 9083

NIM 3-21-64

Sol - M24

May 61

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(NY-5596)

The Nervous System and Atherosclerosis, by I. Ye.
Anselina, B. V. Il'inskiy, 26 pp.

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JPRS 7706

Sci - Med

Feb 61

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(NY-5596)

Myocardial Arterioles in Hypertensive Disease, by
E. G. Volkova, 18 pp.

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JPRS 7707

Sci - Med

Feb 61

140,459

(NY-5596)

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Occurring in Hypertensive Disease and Atherosclerosis,
by S. S. Vayl', 20 pp.

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JPRS 7708

Sci - Med

Feb 61

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(NY-5596)

Coronary Sclerosis, Collateral Cardiac Circulation
and Their Significance in Coronary Insufficiency, by
A. V. Skol'yannikov, T. A. Naddashina, 27 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXII, No 11,
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JPRS 7709

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Sci - Med

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(HT-5596)

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JPRS 7710

Sat - Wed

155,092

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(NI-5596)

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JPRS 7711

Sci - Med

Apr 61

144,962

(NY-5596)

Anatomo-Electrocardiographic Parallels in
Experimental Temporary Partial Interruption of
Coronary Circulation, by S. A. Vinogradov,
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JPRS 7712

150,288

Sci - Med

Apr 61

(NY-5596)

The Effect of Vitamin B₁ Upon Coronary Circulation
(Experimental Study), by B. A. Ovchinnikov, 19 pp.

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1960, pp 58-63.

JPRS 7713

Sci - Med

May 61

154,428

(NY-5596)

Effect of Castration Upon Experimental (Alimentary)
Atherosclerosis of the Coronary Arteries of the
Heart, by G. Kh. Sidorovich, I. M. Sapelkina,
12 pp.

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1960, pp 64-67.

JPRS 7714

Sci - Med

142,078

Mar 61

(NY-5596)

Comparative Study of Changes in the Smaller Arteries
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L. I. Gumsuyuk, 14 pp.

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JPRS 7715

Sci - Med

Mar 61

142,184

(NY-5596)

Peculiarities of the Affection of the Cerebrum in
Thrombosis of the Internal Carotid Artery at
Different Levels, by A. N. Koltover, I. G. Fomina,
I. V. Gannushkina, 19 pp.

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JPRS 7716

Sci - Med

142,079

Mar 61

(NY-5596/12)

On Arterial Thrombi in Atherosclerosis (in
Connection with the Duguid Theory), by T. N.
Khevin, 21 pp.

RUSSIAN, per, Archiv Patologii, Vol XXII, No 11,
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JPRS 7717

Sci - Med

Apr 61

147, 236

(NY-5536)

On the Structure and Compensatory Significance of
Thebesius Vessels in the Left Ventricle of the
Heart Affected by Myocardial Infarction, by V. D.
Arutyunov, 13 pp.

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1960, pp 85-91.

JPRS 7718

Sci - Med

155,090

Jun 61

(NY-5946/1)

Causation of Anomalies and the Specificity of the
Teratogenic Effect, by Yu. V. Gul'kevich, G. M. I.
Lasyuk, K. Yu. Gul'kevich, 28 pp.

RUSSIAN, per, Arkhiv Patologii, Vol 22, No 12, Dec
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JPFB 9038

Sc1 - Med
Apr 61

147,242

(NY-5946/2)

Aortic Changes in Hypertension, by M. D. Zlateva,
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RUSSIAN, per, Arkhiv Patologii, Vol 22, No 12,
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JPRS 9039

Sci - Med

Apr 61

147,249

(NY-5946/3)

The Sequelae of Deep Hypothermia, Ye. V. Oubler,
G. A. Akinov, N. V. Alishov, V. N. Likhota, 11 pp.

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JPRS 9040

Sci - Med

Apr 61

147,248

(NY-6039)

The Problem of Atherosclerosis, by I. V.
Goryunovskiy, L. A. Gulina, 37 pp.

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JPRS 9117

1 - Med

Jan 61

153, 718

(NY-6039)

Morphological Changes in the Central Nervous System
Under the Effect of Centimetric Waves on the Organism,
by L. A. Solina, 14 pp.

RUSSIAN, par, Arkhiv Patolog, Vol XXIII, No 1,
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JPRS 9118

Sci - Med

153, 717

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Experimental Liver Tumors Under Conditions of
Protein-Choline Deficiency, by V. P. Shirkov.
RUSSIAN, per, Arch Exp, Vol 23, No 2, 1961,
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HHH HHH

6-25-69

JPRS 9526

Sci-BM

Sept 69

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JPRS DC-6171

Sci - Med

Aug 61

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(NY-6341)

The Significance of Changes in Enzyme Activity in the Development of Certain Pathological Processes, by R. N. Shastin, 11 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIII, No 3, 1961, pp 3-8.

JPRS 9663

Sci - Med
Aug 61

162,642

(NY-6341)

Liver Tumors Developing Under the Influence of
Cerium-144, by V. N. Strel'tsova, 10 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIII,
No 3, 1961, pp 9-15..

JPRS 9663

Sci - Med
Aug 61

162,635

(NY-6341)

Development of Early Morphologic Changes of
the ~~XXXXXXXXXXXXXXXXXXXX~~ Gastrointestinal
Tract after the Administration of Polonium,
by G. A. Lebedeva, 8 pp.

RUSSIAN, per, Archiv Patolog, Vol XXIII,
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JPRS 9663

Sci - Med
Aug 61

162,637

(NY-6341)

Investigation of the Role of the Reflex
Component in the Body's Reaction to the
Effect of External Ionizing Radiation, by
A. G. Sverilov, 8 pp.

RUSSIAN, per, Arkhiv Patolog. Vol XXIII,
No 3, 1961, pp 21-25.

JPRS 9663

Sci - Med
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162,636

(NY-6341)

Acute Radiation Necrosis of the Skin, by
L. A. Afrikanova, 12 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIII,
No 3, 1961, pp 26-33.

JPRS 9663

Sci - Med
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162,638

Changes of the Thyroid Gland^{Al} in Cancer of the
Stomach and Cancer of the Lung, by V. I.
Iakovleva, 6 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXIII,
No 3, 1961, pp 34-37. 9099120

MIN 3-77-62

Sci - Med

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Jun;62

(NY-6522)

Experimental Vitamin E Deficiency as a Model
of Progressive Muscular Dystrophy in Man,
by M. G. Shecherbakova, 13 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIII,
No 4, 1961, pp 15-23.

JPRS 9701

Sci - Med
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162,807

(NY-6522)

The Problem of Differential Diagnosis of
Age and Pathological Changes in the Pineal
Gland, by A. M. Khelinskiy, 7 pp.

RUSSIAN, per, Arkhiv Patolog. Vol XXIII,
No 4, 1961, pp 76-79.

JPRS 9701

Sci - Med
Aug 61

162,808

(DC-6040)

Sixtieth Birthday of Mikhail Konstantinovich
Del', 4 pp.

RUSSIAN, per, Archiv Patologii, No 4, 1961,
pp 92, 93.

JPRS 8951

173,688

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(DC-6040).

Fiftieth Birthday of Asadulla Ikramovich Magrupov,
RUSSIAN, per, Arkhiv Patologii, No 4, 1961,
p 93.

*JFRS

~~29~~ - Blog

29 May 61

(DC-6040).

Fiftieth Birthday of Rudol'f Davidovich Shtern,
RUSSIAN, per, Arkhiv Patologii, No 4, 1961,
p 94.

*JPRS

9 - BIOG

29 May 61

(NY-6548)

Autoimmunization and the Significance of
Autoantibodies in Pathology, by A. M.
Vikbert, 26 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXIII,
No 5, 1961, pp 3-18.

JPRS 9727

Sci - Med

179,116

Jan 62

(NY-6548)

Morphology of the Kidneys in Certain Forms
of Experimental Sensitization, by A. G.
Beglaryan, V. V. Serov, 14 pp.

RUSSIAN, per, Arkhiv Patolog,
Vol XXIII, No 5, 1961, pp 19-26.

JPRS 9728

Sci - Med

179, 115

Jan 62

(NY-6601)

Morphogenesis of Leukemic Cells in the Focus
of Transplantation of Leukemia in Mice, by
F. B. Yerzhakova, 12 pp.

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RUSSIAN, per, Arkhiv Patologii, Vol XXIII,
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JPRS 9902

167,897

Sci - Med
Sep 61

Lupa, N. G. and Volina, K.
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DESCRIPTORS: "Lungs. "Tobacco. Tissues (Biology).

(Biological Sciences--Pathology, TT, v. 3, no. 6)

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JPRS 18329

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Nov/Dec 63, 9p 133refs
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DESCRIPTORS: Pathology, *Anomalies, Anatomy,
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Manuscript no. S 326-2.

Order from OTS, SLA, or ETC \$1.60 TT-63-23904

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p. 35-41. (Abstract available)

DESCRIPTORS *Liver cirrhosis, Regeneration,
Connective tissues.

Pronounced cirrhotic changes accompanied by
considerable reorganization of the parenchyma and
the formation of regenerative hepatomas, as well as
necrosis and, in some cases, splenomegaly, take
place in the liver of rabbits after prolonged (8-11
months) administration of carbon tetrachloride with
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v. 22, no. 5, pp. 21. \$2.00

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DESCRIPTORS: Cytology, *Cells (Biology),
*Thrombosis, *Cardiac muscle, Tissues (Biology),
Obstruction (Physiology), Heart, Blood circulation,
*Nervous, Glucose, Oxidation-reduction reactions

The first stage of ischemia of the myocardium after
ligation of a coronary artery in rabbits is the disap-
pearance of glycogen from muscle fibers in the affected
area. This is accompanied by PAS positive material. The
Bull. Acad. Sci. USSR, (1962, v. 11, no. 1) (over)

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 ELECTRON MICROSCOPY OF THE CEREBRAL
 CORTEX IN ALBINO RATS SUBJECTED TO
 NUMBER OF PATHOLOGICAL CONDITIONS (1962)
 (15)p. 15 refs. PASEB manuscript no. 8 23077
 Order from OTS or SLA \$1.60

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 1,
 p. 70-78.

DESCRIPTORS: *Electron microscopy. *Cerebral
 cortex, Rats, Pathology, Cells (Biology), Anesthesia,
 Toxicity, Alcohols.

In white rats which have been under anesthesia there is
 an increase in the degree of dispersion of the nuclear
 and cytoplasmic contents of many of the cells in the
 cerebral cortex. Under conditions of excitation, the
 opposite picture is observed: the nuclear contents are
 (Biological Sciences--Pathology. TT. v. 10, no. 6)
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