

Danilin, V. T.
THE PATHOLOGICAL ANATOMY OF LEPTOSPIROSIS
IN DOGS. [1962] 103p. 25 refs. FASEB manuscript
no. 5140-2.

Order from ODS or NIA \$1.00

63-15997

Trans. of Arbivirology (USSR) 1962, v. 24, no. 3,
p. 39-44.

DESCRIPTORS: Anatomy. *Spirchetosis. *Dogs.
Pathology. Liver, Intestine. Spleen. Lymphatic system.

Two forms of leptospirosis were detected: the anicteric
(uremic) form caused by Leptospira canicola and the
icteric form, which sometimes proves fatal. Serious
pathological effects resulted in dogs afflicted with
leptospirosis icterohaemorrhagica. Anatomical investi-
gations revealed jaundice and multiple hemorrhages,
acute venous stasis and edema of the liver and lungs,
invagination of the intestine, and hyperplasia of the
(Biological Sciences-Pathology). TL, v. 10, no. 6)
(over)

63-15997

- I. Danilin, V. T.
- II. FASEB S-140-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Ulowich, A. L.
INCREASED SENSITIVITY AND LOWERED RESISTANCE TO NARCOTICS, SEDATIVES AND ANALGESICS IN ANOXIA. [1962] 19p. 64 refs. FASEB manuscript no. S-144-2.
Order from ODS or SLA \$1.00

63-15999

Trans. of Archiv Pathologia (USSR) 1962, v. 24, no. 3, p. 60-68.

DESCRIPTORS *Anoxia, *Analgesics and antipyretics, *Narcotics, *Hypnotics and sedatives, Resistance, *Sensitivity, Toxicity.

Anoxia was induced using a mixture of nitrogen and oxygen. Sodium amytal, urethane, and chloralose were injected intraperitoneally. The excitability of the pain reflex was recorded. The unanesthetized rabbits survived respiration of a gas mixture containing 13.4% (over)

63-15999

- I. Ulowich, A. L.
- II. FASEB S-144-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(NY-1878)

Vladimir Kaplanovich Zhgenti (On the Occasion
of his 70th Birthday, 4 pp.

R USSIAN, per, Arkhir Patologii, No 3, 1962,
pp 93, 94.

JPRS 15171

USSR
Biographic
Sep 62

Griahkin, G. I.
 NERVOUS STRUCTURES IN THE GRANULATION
 TISSUE OF A SKIN WOUND. [1962] [18]p. 20 refs.
 PASEB manuscript no. S 142-2.
 Order from ODS or SLA \$1.60 63-15998
 Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3,
 p. 53-60.

DESCRIPTORS: Nervous system. *Tissues (Biology).
 *Skin. *Wounds. *Nerves. Morphology. Healing.
 *Regeneration.

A study of the regeneration of the nervous elements of
 granulating wounds must consider the genesis of the
 wound (mechanical injury, burn, opening of an abscess),
 the course of the wound (normal or delayed healing), and
 its character (complicated or uncomplicated). Regener-
 ation of nerve fibers was not detected in any preparation
 from wounds after surgery; changes were observed in
 (Biological Sciences--Pathology. TT. v. 10, no. 7)
 (over)

63-15998

- I. Griahkin, G. I.
- II. PASEB S-142-2
- III. Federation of American
 Societies for
 Experimental Biology.
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Talbot, B. N.

A METHOD OF DEMONSTRATING THE BASAL MEMBRANES AND CONNECTIVE TISSUE OF THE RENAL GLomerulus. [1962] (7p. 6 refs. FASEB manuscript no. S 144-2.

Order from OHS or GSA \$1.10

63-19000

Trans. of Am. Soc. Pathol. (USP) 1962, v. 24, no. 3, p. 77-79.

DESCRIPTORS: *Biological strains, Histological sections, Morphology, *Kidneys, *Tissues (Biology), *Membranes (Biology)

(Biological Sciences - Medical Specialties, TT, v. 9, no. 10)

63-19000

I. Talbot, B. N.

II. FASEB S-144-2

III. Federation of American Societies for Experimental Biology, Washington, D. C.

IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

LUHR, L. L.
 PATHOGENESIS OF ACUTE CORONARY INSUFFI-
 CIENCY AND MYOCARDIAL INFARCTION IN HY-
 PERTENSION. [1964] 113p. (Trans. conf. at Johns
 FASEB manuscript no. S 61-2)
 Order from OHS or SEA 81, 607 63-15429
 Hgs. available on loan from OHS

Trans. of Arkansas Pathology (ASAP) 1964, v. 24, no. 4,
 p. 32-37.

DESCRIPTORS: Pathology, *Blood circulation, *Heart,
 *Cardiac muscle, Thrombosis, *Necrosis, *Hyperten-
 sion, Arteriosclerosis.

Acute coronary insufficiency, coronary thrombosis,
 and myocardial infarction in hypertension usually
 develop against a background of coronary atherosclero-
 sis. The most important pathogenic factor in the de-
 (Biological Sciences - Pathology, ET, v. 9, no. 9)(over)

63-15429

- I. Luhr, L. L.
- II. FASEB S 61-2
- III. Federation of American
 Societies for Experimental
 Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Volzhina, N. S.
RESULTS OF OCCLUSION OF THE GREAT CEREBRAL VEIN IN YOUNG ANIMALS. [1962] [11]p. (figs. omitted) 22 refs. FASEB manuscript no. S-42-2.
Order from OTS or SIA \$1.60 63-15430
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4, p. 55-61.

DESCRIPTORS: *Veins, *Brain, *Obstruction (Physiology), Pathology, Regeneration, Neurology, *Adaptation (Physiology).

The fairly complete reconstruction of venous circulation that takes place after occlusion of the great cerebral vein in puppies is largely complete within 3 weeks of the operation. The major role in the formation of collateral efferent pathways following occlusion of the great cerebral vein is played by the venous system. (over)

63-15430

- I. Volzhina, N. S.
- II. FASEB S-42-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

A Case of Berylliosis of the Lungs, by A. I. Kanevskaya,
7 pp.
RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 4, 1962,
pp 73-77.
JPRS 27031

Sci-Biol & Med
Dec 64

270,108

Goldburt, N. N.
HISTOTOPOGRAPHIC STUDY OF GASTROINTESTINAL
ORGANS. [1962] (4p. 5 refs. FASEB manuscript
no. S 340-2. 63-19025
Order from ITS or SLA \$1.10

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 4,
p. 78-79

DESCRIPTORS. "Gastrointestinal system, *Histology,
Freezing, Stomach, Intestines, Gelatin, Leukocytes,
Biological stains

Coburn's staining method was modified to examine
large fragments of the walls of the stomach and in-
testine and the vermiform appendix. The tissues were
mounted in gelatin and left for two days. Excess gelatin
outside the specimen can be trimmed off before the
specimen is cut on the freezing microtome. The gelatin
(Biological Sciences--Anatomy. TT, v. 10, no. 6)(over)

63-19025

- I. Goldburt, N. N.
- II. FASEB S-340-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(DC-6947)

CONCERNING THE CANCEROGENIC PROPERTIES OF SOME
RADIOACTIVE COMPOUNDS AT A REMOTE PERIOD OF
THEIR ACTION, BY T. A. KOCHETKOVA, G. A. AYRUNINA,
N. D. SAGAYDAK, 12 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV, NO 5,
1962, PP 3-7.

JPRS 14762

SCI - MED

AUG 62

206,208

Goncharova, V. K.
TRANSPLANTABILITY OF OVARIAN TUMORS IN-
DUCED BY HORMONAL DISTURBANCES IN ALBINO
RATS. (1963) [11]p. 20 refs. PASPB manuscript
no. S 186-2.

Order from OTS or SLA \$1.60
figs. available on loan from OTS

63-19378

Trans. of Archiv Pathologi (USSR) 1962, v. 24, no. 5,
p. 13-18.

DESCRIPTORS: *Transplantation, *Sex glands,
*Neoplasms, *Hormones, Pathology, Rats, Cells
(Biology), Spleen, Corticosteroid agents, Pituitary
hormones, Adrenocorticotrophic hormone.

Ovarian tumors induced in mongrel albino rats by the
Malkhede' method are transplantable into castrated
mongrel albino rats, both male and female. Successful
transplantation was obtained in 6.6% of cases when
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-19378

- I. Goncharova, V. K.
- II. PASPB S-186-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Changes in the Central ~~NAN~~ Nervous Systems of
Monkeys Following Infection With Various Strains of
Poliovirus, by E. E. Rozina, A. M.
Anshakov, 7 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 5,
1962, pp 27-33.

ATB-57PGR n(RJ-4213)

SN 65-11571

230,616

Sci

May 23

(NY-7179)

EXPERIMENTAL CANCER OF THE LUNGS, BY L. M. SHABAD,
15 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 3-12.

JPRS 15044

SCI - MEDICINE

SEP 62

210,257

Neshitserva, A. V.
PNEUMONIA ASSOCIATED WITH CYTOMEGALY IN CHILDREN. [1963] [11]p. 13 refs. FASEB manuscript no. S 146-2.

Order from OTS or SLA \$1.60

63-19373

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 6, p. 12-17.

DESCRIPTORS: *Pneumonia, Lungs, Diseases, *Infants, *Salivary glands, Pathology, Virus diseases, Tissues (Biology), Cells (Biology).

Generalized cytomegaly in children during the first months of life may follow a severe course in some cases, and may lead to death. In children born at term and developing generalized cytomegaly with the presence of cytomegalic elements in the lungs, focal pneumonias are frequently observed, with marked interstitial changes, round-cell infiltration of the inter- (Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

63-19373

I. Title: Cytomegaly

I. Neshitserva, A. V.

II. FASEB S-146-2

III. Federation of American
Societies for Experimental
Biology, Washington, D. C.

IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Sluchenko, N. Z.
THE PATHOLOGICAL ANATOMY OF PNEUMOCOCCUS AMONG MINERS OF THE KRIVOI ROG IRON ORE DISTRICT. [1962] [17]p. 31 refs. FASEB manuscript no. S 147-2.
Order from OTS or SLA \$1.60 63-19001
Figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24
no. 6, p. 21-28.

DESCRIPTORS: Pathology, Anatomy, Iron industry,
Pneumococcus, Industrial medicine, *Ores,
*Dusts, *Iron, Lungs.

The object of the present research was to investigate the morphological changes in the lungs of miners engaged on the principal underground trades, and to elucidate certain problems in the morphogenesis of (Biological Sciences--Pathology, TT, v. 10, no. 3)
(over)

63-19001

- I. Sluchenko, N. Z.
- II. FASEB S-147-2
- III. Federation of American Societies for Experimental Biology. Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Pathomorphology of lungs in Leukoses of
Children, by Yu. G. Yudin.
RUSSIAN, per, Arkhiv Patologii,
Vol XXIV, No 6, 1962, pp 35-41.
NII 11-52-64

Sci- 8411

Jul 65

286,186

Bartlyak, R. A.
 THE MORPHOLOGY AND ORIGIN OF THE
 MIKULICZ CELLS. [1963] [14]p. (figs. omitted)
 47 refs. FASEB manuscript no. S 149-2.
 Order from OTS or SLA \$1.60 63-19374

Trans. of Arkhiv Pankhelli (USSR) 1962, v. 24,
 no. 6, p. 41-47.

DESCRIPTORS: Morphology, *Cells (Biology),
 *Histological techniques, Leukocytes, Phagocytosis,
 Diagnosis, Tissues (Biology).

The cytological method is very convenient for
 studying the cells of the sclerosing granuloma
 and for diagnosing the disease. According to cytolo-
 gical investigations, Mikulicz cells are larger than
 reported in the literature; they may attain a diameter
 of 60 μ or more. As a rule the nucleus of the
 (Biological Sciences--Pathology, TT, v. 10, no. 3)
 (over)

63-19374

1. Title: Mikulicz cells
2. Title: Scleroma
1. Bartlyak, R. A.
- II. FASEB S-149-2
- III. Federation of American
 Societies for
 Experimental Biology,
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

(NY-7179)

IMMUNOMORPHOLOGY OF CERTAIN ENDOCRINE GLANDS,
BY I. I. ZINKEL', 11 PP.

RUSSIAN, PER, ARHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 53-60.

JPRS 15044

SCI - MEDICINE

SEP 62

210,258

8-539/62

Basic Results of Pathological Study of Processes of
Dying and Resuscitation of the Organism, by V. A.
Negovskiy. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 3-9.

✓
JPRS 15985

Sci - Med

7 Sep 62

S-539/62

On the Pathogenesis of Atherosclerosis in the Light
of Morphological Information, by I. V. Davydovskiy,
L. A. Gulina, A. I. Ozaray. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 10-18.

~~X~~JPRS 15,955

Sci - MED

7 Sep 62

Agapova, E. N.
 ATHEROSCLEROTIC CHANGES IN THE DISTAL
 PORTIONS OF CORONARY VESSELS OF THE HEART
 AND IN THE MYOCARDIUM. [1963] [21 p. (figs.
 omitted) 43 refs. PASER manuscript no. S 319-2.
 Order from OTS or SLA \$2.60 63-19365
 figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 7,
 p. 19-20.

DESCRIPTORS: *Atherosclerosis, *Blood vessels,
 *Heart, Arteries, Muscles, Growth, Edema.

In narrowed atherosclerosis of the coronary arteries,
 plaques are found up to the middle third of the descend-
 ing branches. The lower third exhibits pyknosis of the
 endothelium, thickening of the intima, and sclerosis
 of the vascular walls. A variety of changes, often
 (Biological Sciences: Pathology, TT. v. 10, no. 5)
 (over)

63-19365

- I. Agapova, E. N.
- II. PASER S-319-2
- III. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Gornak, K. A. and Yastrebnova, N. I.
MORPHOGENESIS OF EXPERIMENTAL ATHERO-
SCLEROSIS IN DOGS (HISTOCHEMICAL INVESTIGA-
TION). [1963] [26]p. 15 refs. VASPB manuscript
 no. 5 321-2.

Order from OTS or SLA \$2.60 63-23026
 figs available separately on loan from OTS

Trans. of Arkhiv' Patologii (USSR) 1962, v. 24, no. 7,
 p. 34-42.

DESCRIPTORS: Morphology. *Atherosclerosis, Dogs,
 Histology. Cells (Biology). Blood vessels.

The highly varied changes noted in the walls of blood
 vessels in experimental atherosclerosis (in the form
 of tissue disorganization, reaction to this disorganiza-
 tion, and regeneration of structural elements) are
 caused both in infiltration of lipids from the blood and
 by metabolic disturbances in the vascular wall proper
 (Biological Sciences--Pathology, TT, v. 10, no. 7)
 (over)

63-23026

- I. Gornak, K. A.
- II. Yastrebnova, N. I.
- III. VASPB S-321-2
- IV. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- V. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

S-539/62

Atherosclerotic ~~mi~~ Infection of the Vessels
During Cancer (Statistical Investigation), by
P. N. Sementsov. (NY-7224)

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7,
1962, pp 49-54.

~~TOPS~~ 15,785

Sci - M d

7 Sep 62

Biological Aspects of Compensatory Adaptive
Processes by I. V. Davydovskiy, 19 pp.

RUSSIAN, per. Arkhiv Patolog, Vol XXIV,
No 8, 1962, pp 7-18.

JPRS 15621

Sci - Biol, Med
Oct 62

215,575

Kolover, A. N., Lyubovskaya, I. G., and
Vereshchagin, N. V.
THE PATHOGENESIS AND MORPHOLOGY OF
CEREBROVASCULAR DISTURBANCES DUE TO
LESIONS OF THE CAROTID AND VERTEBRAL
ARTERIES. [1963] [16]p. (figs. omitted) 28 refs. FASEB
manuscript no. 5 189-2.
Order from OTS or SLA \$1.60 63-19380
figs. available on loan from OTS

Travels of Andrei Pavlovskii (USSR) 1963, v. 24, no. 8,
p. 18-20.

DESCRIPTORS: Pathology, Etiology, Morphology, Blood
vessels, *Brain, *Arteries,

Various forms of lesions of the carotid and vertebral
arteries are found in more than half the number of
persons dying from cerebrovascular disturbances. Com-
biological Sciences--Pathology, TT, v. 10, no. 8
(over)

63-19380

1. Title: Carotid artery
2. Title: Vertebral artery
- I. Kolover, A. N.
- II. Lyubovskaya, I. G.
- III. Vereshchagin, N. V.
- IV. FASEB 189-2
- V. Publication of American
Society for the
Experimental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

MIRNIN, S. Ya.
EFFECT OF EXPERIMENTAL FOLIC ACID DEFICIENCY (CAUSED BY AMINOPTERIN) ON ENZY-MATIC SECRETION OF THE MAIN DIGESTIVE GLANDS. 1963, 3p
Order from EASB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Arkhyr Paologhi (USSR) 1962, v. 21, no. 9, p. 210 (Abstract only)

DESCRIPTORS: *Folic acid, *Deficiency diseases, Enzymes, Secretion, Gastrointestinal system, *Antimetabolites, *Drugs

Taking into consideration the nature of the action of analog antagonists of folic acid such as aminopterin, and also the data in the literature on the basic similarity of the effects of aminopterin and alimentary folic acid de- (Biological Sciences, IT v. 11, no. 1) (over)

TT-61-17973-5
(p. T918-T922)

- I. Title: Aminopterin
- I. MIRNIN, S. Ya.
- II. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

Lobko, A. P.
 KARYOMETRIC INVESTIGATIONS OF LIVER TAP
 MATTER IN DISEASES OF THE DIGESTIVE TRACT.
 [1963] [17]p. 8 refs. PASEB manuscript no. S 381-2.
 Order from OTS or SLA \$1.60 63-23029

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 9,
 p. 33-39.

DESCRIPTORS: *Mitosis, *Cells (Biology), *Liver,
 Diagnosis, Diseases, Gastrointestinal system,
 *Histological techniques.

Karyometry together with morphological, laboratory,
 and general clinical investigation of liver tap matter
 may facilitate the differential diagnostics of a number
 of diseases of the organs of the abdominal cavity. The
 karyometric curve in cancer of the stomach and of the
 pancreas without metastases to the liver is commonly
 (Biological Sciences--Pathology, TT, v. 10, no. 6)
 (over)

63-23029

- I. Lobko, A. P.
- II. *SFB S-381-2
- III. Proceedings of American
 Laboratory, no. 1, 1961,
 Medical Biology,
 Washington, D. C.
- IV. Scripta Technica Inc.,
 Washington, D. C.

Office of Technical Services

Lagova, M. D. and Konoplev, V. P.
 MORPHOLOGICAL CHANGES IN A TRANSPLANTABLE
 CARCINOMA OF THE MAMMARY GLANDS OF RATS
 (CMU-1) AFTER HORMONE THERAPY. [1963] [16p]
 (2pgs omitted) 32rds FASEB Manuscript no. S-18-3.
 Order from OTS or SLA \$1.60 69-2881
 Also available on loan from OTS

Trans. of Arthy Pathology (USSR) 1962, v. 24, no. 10,
 p. 38-44.

DESCRIPTORS: Morphology, *Carcinoma, *Mammary
 glands, Rats, *Hormones, Therapy, *Antineoplastic
 agents, Testosterone, Stilbestrol derivatives

Rats with transplantable mammary gland tumors from
 the second, eighteenth and thirty-second generations w
 were treated before and after ovariectomy with cyano-
 rel, cortisone and testosterone. One group received
 testosterone following removal of the adrenal glands.
 (Biological Sciences - Pathology, TT, v. 10, no. 12)(over)

69-2881

I. Title: Synestrol
 I. Lagova, M. D.
 II. Konoplev, V. P.
 III. FASEB S-18-3
 IV. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
 V. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Aptekar, S. G.

RIBOFLAVIN CONTENT IN ORGANS OF RATS WITH
TRANSPLANTED TUMORS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963,
v. 24, no. 5, pt. 2, \$2.00

Trans. of Archiv Patologii (USSR) 1962, v. 21, no. 10,
p. 1511. (Abstract available)

DESCRIPTORS: *Riboflavin, Vitamin B complex,
*Tumors, Transplantation, *Liver, Kidney,
Heart

Transplantation of ascites hepatoma C into rats causes
a decrease in the riboflavin content of the liver, kidneys
and heart. The concentration of FAD is decreased in
these organs, the concentration of free riboflavin and
FMN is unchanged. Transplantation of Yoshida's
(Biological Sciences, TT, v. 11, no. 1) (over)

TT-61-17971-4
(p. T923-T927)

I. Aptekar, S. G.
II. Federation of American
Societies for Exper-
imental Biology,
Washington, D. C.

Office of Technical Services

Gladstein, A. I.

PAS-POSITIVE SUBSTANCES AND ACID POLYSACCHARIDES IN THE SYNOVIAL FLUID IN SOME PATHOLOGICAL PROCESSES IN THE KNEE JOINT. [1963] [14p] (figs omitted) 20re

PASBB Manuscript no. S 21-3.

Order from OTS, S.A., or ETC \$1.60 TT-63-23890
figs available on loan from OTS

Trans. of Arthritis Pathology (USSR) 1962, v. 24, no. 10, p. 64-69. (Abstract available)

DESCRIPTORS: *Aminosalicylic acid, *Mucopolysaccharides, *Joints (Physiology), Legs, *Body fluids, Cells (Biology)

PAS-positive substances were found in the cytoplasm of the cells (neutrophils, monocytes, histiocytes, macrophages) of the synovial fluid but not in the intercellular substance. The character of the distribution and the (Biological Sciences--Pathology. TT, v.11, no.6) (over)

TT-63-23890

- I. Title: Synovial fluid
- I. Gladstein, A. I.
- II. PASBB S-21-3
- III. Federation of American Societies for Experimental Biology. Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Balchman, M., Siner, Zh., and Krishna, O.
A METHOD OF CULTURING TUMORS IN CHICK
EMBRYO (K Metodike Kul'tivirovaniya Opukhatoi v
Kurionom Embrione). [1963] [8]p. 18 refs. FASEB
manuscript no. S 22-3.

Order from OTS or SLA \$1.10

63-23058

Trans. of Archiv Pathologi (USSR) 1962, v. 24, no. 10,
p. 80-82.

DESCRIPTORS: *Histological techniques, *Tumors,
Tissue cultures, Embryonated egg technique, Tissues
(Biology), Cells (Biology), *Transplantation, Growth.

In order to study the extramural action of different sub-
stances on the development of tumors transplanted into
the egg during incubation, it is necessary to use a
method giving a high percentage of positive transplan-
tations. Homogenization of the tumor tissue with Potter's
apparatus considerably facilitates transplantation and
simultaneously increases the percentage of takes.
(Author)

63-23058

- I. Balchman, M.
- II. Siner, Zh.
- III. Krishna, O.
- IV. FASEB S-22-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology,
TT, v. 10, no. 7)

Office of Technical Services

LATE CHANGES IN THE OSSEOUS SYSTEM OF DOGS IN
RADIOACTIVE STRONTIUM AFFECTION, BY N. N.
LITVINOV, 7 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, NO 11,
1962, PP 23-28.

JPRS 17161

SCI - MED

JAN 63

219,665

Lebedev, G. A.

DEVELOPMENT OF INTESTINAL POLYPOSES IN
RATS UNDER THE INFLUENCE OF RADIOACTIVE
CERIUM. [1963] [17p] 30rds FASEB manuscript
no. S 88-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13502
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
p. 29-34.

DESCRIPTORS: *Intestines, Radioactive isotopes,
*Cerium, *Carcinogenic agents, Inflammation,

TT-64-13502

I. Title: Polyposis

I. Lebedev, G. A.

II. FASEB-S-88-3

III. Federation of American
Societies for Experimental
Biology, Washington, D. C.

IV. Scripta Technica, Inc.,
Washington, D. C.

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

Office of Technical Services

Abramova, L. A.
SKIN REPAIR AFTER ACUTE RADIATION NECROSIS.
[1963] [11]p. 9 refs. FASEB manuscript no. S 90-3.
Order from OTS or SLA \$1.60 63-23844

Trans. of Archiv Patologii (USSR) 1962, v. 24, no. 11,
p. 42-46.

DESCRIPTORS: *Skin, Wounds and injuries, *Ra-
diation sickness, *Necrosis, Radiation effects,
*Healing.

The development of a focus of radiation necrosis is
characterized by a slow tempo, the absence of a clear
cut picture of inflammation, and the development of
necrotic changes in the zone of injury. At the time of
formation of a focus of radiation necrosis, ready-
formed layer of proliferating epidermis and young
connective tissue are present at its edges and base. A
(Biological Sciences--Radiobiology, TT, v. 10, no. 11)
(over)

63-23844

- I. Abramova, L. A.
- II. FASEB S-90-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Moliseev, E. A., Shurygin, D. Ya. and others.
 THE EFFECT OF CYTOSTATIC SUBSTANCES ON
 THE ORGANS OF INTERNAL SECRETION. [1963]
 [12p. 11 refs. FASEB manuscript no. S 91-3.
 Order from UTS or SLA \$1.60 63-23843
 Figs. available on loan from UTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 11,
 p. 57-63.

DESCRIPTORS: *Endocrine glands, Drugs, *Myleran,
 Levokemil, Tualofy, *Tolerances (Physiology), Cells
 (Biology), *Antineoplastic agents

The character of the morphological changes in the
 endocrine glands, and their severity depend on the type
 of cytostatic substance, its dose and the duration of its
 action, and also on the individual peculiarities of the
 organism. After the brief administration of therapeutic
 (Biological Sciences - Pharmacology, TT, v. 10, no. 11)
 (over)

63-23843

1. Title: Chlorbutin
2. Title: Cytostatic agents
3. Title: Emblicin

1. Moliseev, E. A.
- II. Shurygin, D. Ya.
- III. FASEB S-91-3
- IV. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- V. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Lebedev, G. A.,
**DAMAGE TO THE GASTROINTESTINAL TRACT IN
 CHRONIC RADIATION SICKNESS PRODUCED BY RE-
 PEATED X-IRRADIATION.** (1963) 114p 11 refs.
 FASEB Manuscript no.: S 145-1.
 Order from OTS, SLA, or ETC \$1.60 TT-63-24467
 Also available on loan from OTS
 Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
 p. 21-26. (Abstract Available)

DESCRIPTORS: Radiation effects, X-rays, *Gastro-
 intestinal system, *Radiation sickness.

Sclerotic changes, disturbances in the neurovascular and
 lymphatic apparatus and changes in the cell composition
 of the stroma were discovered in the stomach and intes-
 tines of dogs in chronic radiation sickness and radiation
 leukemia produced by repeated exposure to X-rays in a
 total dose of 1540 - 6950 r. In addition to the general
 disturbances certain special features in the damage to
 (Biological Sciences--Radiobiology, TT, v. 11, no. 6) (over)

TT-63-24467

- I. Lebedev, G. A.
- II. FASEB-S-145-1
- III. Federation of American
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 mental Biology.
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Soboleva, A. D.
**ORGANOSPECIFIC FEATURES OF PULMONARY
 CONNECTIVE TISSUE REACTIONS IN LEUKEMIA,
 CANCER AND NONSPECIFIC CHRONIC INFLAMMA-
 TION.** [1963] [18p] 17 refs PASEB Manuscript no.:
 S 146-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24468
 figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
 p. 26-[31]. (Abstract available)

DESCRIPTORS: *Connective tissues, *Lungs,
 *Leukemia, *Cancer, Inflammation, Antigen-antibody
 reactions,

Two types of connective tissues (fibrous and definitive
 reticular) can be distinguished in the lungs. Both types
 of tissues have distinctive biological reactions.

Cellular-hyperplastic reactions are concentrated in
 (Biological Sciences--Pathology. TT. v. 11, no. 5)

(over)

TT-63-24468

- I. Soboleva, A. D.
- II. PASEB-S-146-3
- III. Federation of American
 Societies for Experimental
 Biology, Washington,
 D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Gusman, V. S. and Migulina, T. V.
MORPHOLOGY OF THE VACCINAL PROCESS IN
GUINEA PIGS INOCULATED WITH DIPHThERIA-
PERTUSSIS AND PERTUSSIS VACCINES AND
DIPHThERIA TOXOID. [1963] [16p] 35refs FASEB
Manuscript no.: S 147-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24469
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 12,
p. 32-38. (Abstract available)

DESCRIPTORS: *Vaccines, Immunity, *Antigen-
antibody reactions, Toxins and antitoxins, *Diphtheria
toxoid, Diphtheria, *Whooping cough, Morphology
(Biology).

Following the administration of diphtheria-pertussis
or pertussis vaccine and of diphtheria toxoid to guinea
pigs, changes concerned with the morphology of the
(Biological Sciences--Pathology. TT, v. 11, no. 9)
(over)

TT-63-24469

- I. Gusman, V. S.
- II. Migulina, T. V.
- III. FASEB-S-147-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

THE SIGNIFICANCE OF PLASMA CELLS IN ANTIBODY
FORMATION PROCESS DURING IONIZING RADIATION,
BY L. G. KOVTUNOVICH, A. YU. RUBNITSKAYA, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 12, 1962, PP 15-21.

JPRS 18020

SCI - BIOL - MET SC

MAR 63

224,925

CYCLIC CHANGES IN THE HAIR FOLLICLES AND THEIR
ROLE IN EXPERIMENTAL CARCINOGENESIS, BY
Y. S. TURUSOV, 19 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 1,
1963, PP 3-13.

JPRS 18656

SCI - BIOL-MED SCI

APR 63

228,365

Amelin, A. Z., Anshelovich, Yu. V., and
Meisels, M. Ya.

**EXPERIMENTAL INFARCTION-LIKE CHANGES IN
THE MYOCARDIUM BROUGHT ABOUT BY ISADREN
(ISOPROPYLNORADREN. LDOL. [1963] [14p] 14refs**

FASIS manuscript no. S 154-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13307
figs available on loan from OTS

Trans. of Archiv Pathology (USSR) 1963, v. 23, no. 1,
p. 23-29.

DESCRIPTORS: Heart, Necrosis, Drugs,
Obstruction (Physiology), Coronary vessels,
Epinephrine.

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

TT-64-13307

1. Title: Isadren
2. Title: Isopropylnor-
adrenalin

- I. Amelin, A. Z.
- II. Anshelovich, Yu. V.
- III. Meisels, M. Ya.
- IV. FASIS-S-154-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

NI- 13602

21 Jan 67

Study of the carcinogenic activity of polyoma
virus in rats. Preliminary analysis of morpholo-
gical changes by T.D. Dordaladze, & P.I. Adzhigirer,
pp 40-46,
Arkhiv Patologii, Vol. 25, Moscow, 1963
Russian
USSR/Sci-Med ed
pp=

10/11

Dyablovol, V. D.

THE STATE OF THE NERVOUS APPARATUS OF CERTAIN INTERNAL ORGANS OF MICE IN TRANSPLANTABLE MALIGNANT TUMORS. [1963] [14p]

Briefs FASEB Manuscript no. S 159-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24472

Fig. 1 available on basis from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 1, p. 60-65. (Abstract available)

DESCRIPTORS: Nervous system, Tumors, *Cancer, Transplantation, *Autonomic nervous system, Tissue culture, Mice.

Changes observed in the peripheral nervous system of mice with transplantable malignant tumors are not diffuse but selective. The most constant and pronounced changes are to be found in the lungs, stomach and muscles. (Author)
(Biological Sciences--Pathology, TT, v. 11, no. 6)

TT-63-24472

- I. Dyablovol, V. D.
- II. FASEB-S-159-3
- III. Federation of American Societies for Experimental Biology.
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Vikhart, A. M., Serubrovskaya, Yu. A. and
Tlayakov, Yu. G.
RENIN AND THE JUXTAGLOMERULAR APPARATUS
IN EXPERIMENTAL NEPHRITIS. [1963] [17p] 17 refs
FASEB manuscript no. S 483-3
Order from OTS \$1.60

TT-64-13475

Trans. of Arkhiv Patologii (USSR) 1963, v. 23, no. 2,
p. 17-24.

DESCRIPTORS: *Renin, *Nephritis, Kidneys

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

TT-64-13475

- I. Title Glomerular apparatus
- I. Vikhart, A. M.
- II. Serubrovskaya, Yu. A.
- III. Tlayakov, Yu. G.
- IV. FASEB-S-483-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripps Technica, Inc., Washington, D. C.

Office of Technical Services

Brada, V. L.
RENAL PATHOLOGY IN TUBERCULOSIS (AUTOPSY
FINDINGS). [1963] [26p] 13refs PASEB manuscript
no. 5 490-3.

Order from OTS, SLA, or ETC \$2.60 TT-64-13474

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 2,
p. 47-53.

DESCRIPTORS: Diseases, *Kidneys, *Tuberculosis

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

TT-64-13474

- I. Brada, V. L.
- II. PASEB-S-490-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Beletskaya, L. V. and [Chang, Wen-yu].
THE HISTOCHEMICAL USE OF CULTURE FILTRATES
FROM HYALURONIDASE PRODUCING STRAINS OF
STREPTOCOCCI [1963] 16p. 7 refs. FASEB
manuscript no. 5 493-3

Order from OTS, M.A. or EIC \$11.00 TT-64-13894

Trans. of Arthritis Papulogi (CASE) 1963, v. 25, no. 2,
p. 66-70.

DESCRIPTORS: Cytochemistry, *Hyaluronate lyase,
*Streptococcus, Enzymes, Biosynthesis, Culture
media.

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

TT-64-13894

- I. Beletskaya, L. V.
- II. Chang, Wen-yu
- III. FASEB-5-493-3
- IV. Federation of American
Societies for Experimental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Abdullaev, V. M.
HISTOCHEMICAL INVESTIGATIONS OF GLYCOGEN
IN EYEBALL TISSUE IN RADIATION SICKNESS.
Mar/Apr 64, Sp 12 refs
Order from PASEB \$2.00 (in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T287-
T291))

Trans. of Archiv Pathologi (USSR) 1963, v. 25, no. 3,
p. 56ff.

DESCRIPTORS: Cytochemistry. *Eye. *Glycogen.
Tissues (Biology). *Radiation sickness

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

TT-64-12541-2 (p. T287-T291)

I. Abdullaev, V. M.
II. Federation of American
Societies for Experimental
Biology, Washington, D. C.

Office of Technical Services

ON THE CLASSIFICATION OF TUMOROUS LESIONS OF
THE HEMOPOIETIC SYSTEM, BY R. D. SHTERN, 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 3,
1963, PP 3-9.

JPRS 20714

SCI - BIOL & MED
AUG 63

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Klosovskii, B. N. and Zhukova, T. P.
THE ACTION OF COLCHICINE ON THE PHASES OF
GROWTH OF CEREBRAL CAPILLARIES. [1963] [13p]
18 refs FASEB Ma no.: S352-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13827
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 38-44.

DESCRIPTORS: *Alkaloids, Growth (Physiology), Brain,
*Capillaries, Drugs.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13827

- I. Klosovskii, B. N.
- II. Zhukova, T. P.
- III. FASEB-S-352-3
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

SHIFTS IN ADSORPTIVITY OF TISSUE IN ACUTE
RADIATION SICKNESS, BY YE. G. DOLGOV, 6 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV, NO 3,
1963, PP 62-65.

JPRS 20713

SCI - BIOL & MED
AUG 63

341,927

Shibaeva, S. M.
AGE CHANGES AND HISTOCHEMICAL CHARACTER-
ISTICS OF LIPIDS OF HUMAN TRACHEAL CARTI-
LAGE. [1963] [113p] 7 refs FASEB Me no.: S355-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13828
figs available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 25, no. 3,
p. 63-70.

DESCRIPTORS: *Aging (Physiology). *Lipids.
Respiratory system. *Cartilage. Cytochemistry.

(Biological Sciences--Physiology. TT, v. 11, no. 8)

TT-64-13828

- I. Shibaeva, S. M.
- II. FASEB-S-355-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Pathology of the Pulmonary Circulation
in Congenital Cardiac Malformations
of the Fallot Type, by D. S. Sarkisov,
L. D. Krymakii.

RUSSIAN, per, Arkhiv Patologii,
Vol XXV, No 4, 1963, pp 38-44.
OTS TT-64-19651
LOAN

Sci 67

317,530

Morphological Changes in the Lung After
Ligation of Pulmonary Vein, by V. K.
Mavrin.

RUSSIAN, per, Arkhiv Patologii, Vol XXV
No 4, 1963, pp 62-69.
OTS TT-64-19652

Sci
Jan 67

317,493

DATA ON THE STUDY OF GASTRO-INTESTINAL TUMORS
INDUCED BY RADIOACTIVE CERIUM (CE^{144}), BY
G. A. LEVEDEVA, 7 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 5,
1963, PP 40-44.

JPRS 20210

SCI-MED
JULY 63

235,923

Sheyakov, G. G.
THE FUNCTIONAL STATE OF THE CELLS OF THE
ISLETS OF LANGERHANS AND THEIR REGENERA-
TION IN EXPERIMENTAL DITHIZON DIABETES.

[1963] [13p] 9 refs

FASED Me no.: 5677-3.

Order from OTS, SLA, or ETC \$1.60 TT-64-13831
figs. available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 23, no. 3,
p. 72-78.

DESCRIPTORS: Cells (Biology). *Pancreas,
Regeneration, *Diabetes, Endocrine glands,
Excretion.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13831

- I. Title: Islets of Langerhan
- I. Sheyakov, G. G.
- II. FASED-S-677-3
- III. Federation of American
Societies for Experi-
mental Biology.
Washington, D. C.
- IV. Scripps Technica, Inc.,
Washington, D. C.

Office of Technical Services

Anomalies of Coronary Arteries of the
Heart, by A. V. Smol'yannikov, T. A.

Naddachina, 7pp.

RUSSIAN, per, Arkhiv Patologii, Vol 25, No 6,
1963, pp 3-16.

FASEB, Vol 23, No 4, Pt II.

A V Smol'yannikov

321,706

Sci - B & M

Mar 67

Histochemistry of Human Aortic Intima and the
Problem of Atherosclerosis, by C. Velican,
D. Velican. 7 pp.
RUSSIAN, per, Arkhiv Patologiy, Vol 25, No 6,
1963, pp 16-26.
FASEB

Sci/B&M
Jul 66

305,938

Shul'tsev, G. P. and Teodori, M. I.
**FOCAL HEMORRHAGES AND NECROSIS OF THE
MYOCARDIUM ASSOCIATED WITH EXCESSIVE
PHYSICAL EFFORT.** [1963] [11p] 6 refs FASEB Me
no.: 8465-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13854
figs available on loan from OTS

Trans. of Arhiv Patologii (USSR) 1963, v. 25, no. 6,
p. 33-38.

DESCRIPTORS: *Hemorrhage, *Heart, *Necrosis,
*Exercise, Blood circulation.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13854

- I. Shul'tsev, G. P.
- II. Teodori, M. I.
- III. FASEB-S-645-3
- IV. Federation of American
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mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
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Office of Technical Services

Changes in Blood Protein Fractions and Histamine
Caused by Amorphous and Crystalline Silica
(Experimental Investigation), by I. A. Gel'fon,
V. I. Fedorova. 24 pp.
RUSSIAN, per, Arkhiv Patologiy, Vol 25, No 6,
1963, pp 45-52.
SLA TT-64-19208

Sci/B&M
Jul 66

305,912

Teodorov, Lyubomir St.

EXTRARENAL HYPERAZOTEMIA IN PNEUMONIA
(EXPERIMENTAL INVESTIGATION) (K Voprosu o
Tak Nazvayemoi Extrarenal'noi Giperazotemii pri
Pneumoniakh (Ekspirimental'noe issledovanie).
[1964] [16p] (foreign text included) 19 refs FASEB Me
no. - S668-3.

Order from OTS, SLA, or ETC \$1.00 TT-64-15446
Trans. of American Physiological Society (USNR) 1964, Vol. 25, No. 1, p. 31-37.

TT-64-15446

- I. Teodorov, L. S.
- II. FASEB-S-668-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

POSTMORTEM DISCOVERY OF RADIOISOTOPE CONTAMINATION
OF MAN, BY D. A. ULITOVSKIY, 6 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXV, NO 6, 1963,
PP 67-71.

JPRS 20988

BIOL-MED
SEP 63

343,715

CHANGES IN THE PERIPHERAL NERVE TRUNKS FROM THE
EFFECT OF VIBRATION (EXPERIMENTAL STUDY), BY N. I.
KARPOVA, 6 PP.

RUSSEN, PER, ARKHIY PATOLOGII, NO 7, 1963, PP49-53.

JPRS 21053

MED-BIOL
SEP-63

343,868

075-63-31752
075-64-19277

NEOPLASTIC DISEASES ACCORDING TO AUTOPSY DATA OF THE
CHAIR OF PATHOLOGICAL ANATOMY OF THE FIRST MOSCOW
MEDICAL INSTITUTE FOR 20 YEARS (1939-1958), BY N. P.
VIRGAREVA. 13 PP.

OL
RUSSIAN, PER, ARKHIV PATOLOGII, NO 7, 1963,
PP 72-80.

JPRS 21040

BIOL-MED
SEP 63

343,732

Anomalies of Coronary Arteries of the
Heart, by A. V. Smol'yannikov, T. A.
Maddachina, 7pp.
RUSSIAN, per, Arkhiv Patologii, Vol 25, No 6,
1963, pp 3-16.
FASER, Vol 23, No 4, Pt II.

321,706

Sci - B & M
Mar 67

Changes in the Large Joints in Rheumatic Fever
(Histological and Histochemical Investigation),
by A. B. Shekhter. 34 pp.
RUSSIAN, per, Arkhiv Patologiy, Vol 25, No 8,
1963, pp 14-23.
SLA TT-64-19294

Sci/B&M
Jul 66

305,935

The Histochemistry of the Nucleoproteins in
Human Mammary Gland Tumors, by U. A. Gabuniya.
32 pp.
RUSSIAN, per, Arkhiv Patologiy, Vol 25, No 8,
1963, pp 23-30.
SLA TT-64-19198

Sci/B&M
Jul 66

305,911

The Functional Morphology of Arteries
(An Experimental Investigation,) by
G. V. Kovalevskii. 14 p.
RUSSIAN, per, Arkhiv Patologii, Vol XXV,
1963, No 11, pp 37-43.
OTS TR-64-19656

Sci
Jan 67

317,490

Changes in the Pancreas in Myocardial
Infarction, by B. M. Shapiro.
RUSSIAN, per, Arkhiv Patologii, Vol XXV,
No 11, 1963, pp 50-58.
OTS TT-64-19657
LOAN

Jan 67

317,531

Biological Aspects in Theoretical Neuro-ecology, by
A. P. Arseny, 27 pp.
RUMMAN, per, Arkhiv Psichologii, No 12, 1963, pp 3-22.

JPRS 23589

Sci - Biol
Mar 64

251, 401

The Morphology of Mammary Gland Tumors Induced with
Radioactive Minkm, by V. L. Ponomarev, 3 pp.
RUSSEAN, per, Arkhiv Fiziol., No 12, 1963, pp 44-50:

JPRS 23339

Sci - Biol
Mar 64

251, 602

The Condition of Sensitive Innervation of the Nose and Tongue
of Dogs During Affection with Radioactive Strontium and Polonium
by E. I. Labedev, 7 pp.
RUSSIAN, per, Arkhiv Patologii, No 12, 1963, pp 51-56.

JPRS 23559

Sci - Biol
Mar 64

231, 603

Bagramyan, E. R.
REACTION OF THE ADRENAL GLANDS OF HYPO-
PHYSECTOMIZED RATS TO UNILATERAL
ADRENALECTOMY, ADMINISTRATION OF EPI-
NEPHRINE, AND IRRADIATION. Jan/Feb 64, 5p
17 refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T189-T193)

Trans. of Archiv Physiologi (USSR) 1963, v. 23, no. 2,
p. 500.

DESCRIPTORS: *Adrenal glands, Excision, Secretion,
*Pituitary gland, Epinephrine, *Radiation effects.

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

TT-64-12541-1 (p. T189-T193)

I. Bagramyan, E. R.
II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

The Close Topographic Contacts of the Membranous
Structures in Tumor Cells (Electron Micro-
scopic Investigations, by N. P. Dmitrieva,
30 pp.
RUSSIAN, per, Arkhiv Patologii, Vol XXV, No 10,
1963, pp 16-24.
DOTS TT-64-19636

314,921

Dec 66

Giant Cells of Tumors, by L. L. Gol'tsman, 20 pp.
RUSSIAN, per, Arkhiv Patologii, Vol XXV, No 10,
1963, pp 24-28.
OTS TT-64-19637

314,927

Dec 66

Early Changes in the Arteries in MRM Monkeys
with Experimental Atherosclerosis, by
E. I. Chazov, A. F. Ushkalov, et al, 16 pp.
RUSSIAN, per, Arkhiv Patologii Vol XIV, No 11,
1963, pp 29-37.
OTS TF-64-19655

314,919

Dec 66

Air Pollu #330

R-8467-D

10 July 67

Chronic bronchitis and pulmonary emphysema

By: ESIPOVA, I.K.

From: Arkh Pat 26:3-18, 1964

(16 pp)

Russian - est for wis:

Please translate and type 1 camera ready copy and 1 carbon copy. Document can be cut.

Electron Microscopic Study of the Cerebral
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