Danilin, V. T.
THE PATHOLOGICAL ANATOMY OF LEPTOSPIROSIS IN DOGS, [1962] [13], p. 25 refs. FASEB manuscript
no. S 140-2, Order from OTS or S A $1.60

DESCRIBERS: Anatomy, *Spirochetosis, *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 icterohemorrhagica. Anatomical investigations 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, TT, v. 10, no. 6) (over)
Ulrich, A. I.
INCREASED SENSITIVITY AND LOWERED RESISTANCE TO NARCOTICS, SEDATIVES AND ANALGESICS IN ANOXIA. [1962] FASEB manuscript no. S 143-2, Order from OTS or SLA $1.60

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


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 13.47% (Biological Sciences--Pathology, 77, v. 10, no. 6) (over)
Vladimir Kaplanovich Zhgenti (On the Occasion of his 70th Birthday, 4 pp.

Russian, per, Arkhiv Patologii, No 3, 1962, pp 93, 94.

JPRS 15171

USSR
Biographic
Sep 62


*FASEB
Call Mr Zwemer on any inquiries

Sci
11 Oct 62
Pathological Anatomy of Leptospirosis in Dogs, by V. T. Danilin.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3, 1962, pp 39-44.

*FASEB
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Sci
11 Oct 62
The Pathogenesis of Amyloidosis, by L. V. Pavlikhina, V. V. Serov.


*FASEB
Call Mr Zwemer on any inquiries

Sci
11 Oct 62
Griškunė, G. I.
NERVOUS STRUCTURES IN THE GRANULATION TISSUE OF A SKIN WOUND. [1962] [18]p. 20 refs.
FASEB manuscript no. S 142-2.
Order from OTS or SLA $1.60
$5.00 for 15
OTS
Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 3.
63-15998
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). Regeneration 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)
63-15998
I. Griškunė, G. I.
II. FASEB S-142-2
III. Federation of American Societies for
Experimental Biology,
Washington, D. C.
IV. Scripta Technica, Inc.,
Washington, D. C.
Increased Sensitivity and Reduced Resistance to Narcotics, Hypnotics, and Analogesics in Hypoxia, 
by A. L. Ulovin.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 3, 
1962, pp 60-68.

*FAESEB 
Call Mr Zwemer on any inquiries

Sci
11 Oct 62
Tsibeli, B. N.
Order from OTS or SI.A $1.10


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

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


*FASEB
Call Mr Zwemer on any inquiries

Sci
5 Oct 62
K Sharakteristike Epiteliodnykh Granulem pri Vaktsinatsii Protivochumnymi Vaktsinami, by L. N. Koturga.


*FASEB
Call Mr Zwemer on any inquiries

Sci
5 Oct 62
Likhb, L. L.
PATHOGENESIS OF ACUTE CORONARY INSUFFICIENCY AND MYOCARDIAL INFARCTION IN HYPERTENSION. [1962] 15p. (figs. omitted) 38 refs.
FAXED manuscript no. S 89-2.
Order from OFS or SLA $1.00 63-15429
figs. available on loan from OFS
Trans. of Arkhiv Parologii (USSR) 1962, v. 24, no. 4, p. 32-37.


Acute coronary insufficiency, coronary thrombosis, and myocardial infarction in hypertension usually develop against a background of coronary atherosclerosis. The most important pathologic factor in the development of these pathologic conditions is atherosclerosis. (Biological Sciences: Pathology, TT, v. 9, no. 9) (over)
Specific Geographic Characteristics of the Distribution of Aortic Atherosclerosis in the Hot Climate of the Fergana Valley of the Uzbek SSR, by M. Ya. Laufer.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4, 1962, pp 38-42.

*FASED
Call Mr Zwemer on any inquiries

Sci
5 Oct 62
On the Morphology of Some Renal Hypertensions, by E. V. Uranova.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4, 1962, pp 43-49.

*FASEB
Call Mr Zwemer on any inquiries

Sci
5 Oct 62

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 4, 1962, pp 50-55.

*FASEB
Call Mr Zwemer on any inquiries

Sci
5 Oct 62
Volzhina, N. S.
Order from OTS or SLA $1.00 63-15430
figs. available on loan from OTS


The fairly complete reconstruction of venous circulation that takes place after occlusion of the great cerebral ven 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 cerebro (Biological Sciences--Pathology, TT, v. 9, no. 9). (over)
A Case of Berylliosis of the Lungs, by A. I. Kanevskaya, 7 pp.
RUSSIAN, per, Arhiv Patolog, Vol XXIV, No 4, 1962, pp 73-77.
JPRS 27031

Sci-Biol & Med
Dec 64 270,108
Goldburt, N. N.
Order from OTS or SLA $1.10
63-19025

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


Goldmann's staining method was modified to examine large fragments of the walls of the stomach and intestines 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)
CONCERNING THE CANCEROGENIC PROPERTIES OF SOME RADIOACTIVE COMPOUNDS AT A REMOTE PERIOD OF THEIR ACTION, BY T. A. KOCHETKOVA, G. A. AVRUNINA, N. D. SAGAYDAK, 12 PP.

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

JPRS 14762
SC1 - MED
AUG 62

206,208


*FASEB
Call Mr Zwemer on any inquiries

Sci - Med
26 Oct 62
Goncharova, V. K.
TRANSPLANTABILITY OF OVARIAN TUMORS INDUCED BY HORMONAL DISTURBANCES IN ALBINO RATS. [1965] [11 p. 20 refs. FASEB manuscript no. 5160-2.
Order from OTS or SLA $1.60 63-19378
figs. available on loan from OTS


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


ATS-57KUR 11(RJ-42/3)

Sci
May 03

230/616
Morphological Changes in the Fetal Heart, Appearing Under the Effect of a Number of Harmful Factors Acting During Pregnancy, by V. A. Ermakova.

RUSSIAN, per, Arkhiv Patolog, Vol XXIV, No 5, 1962, pp 63-68.

*FASEB
Call Mr Zwemer on any inquiries

Sci - Med
26 Oct 62
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
Nezhinskaya, A. V.
PNEUMONIA ASSOCIATED WITH CYTOMEGALY IN CHILDREN. [1963] [11 p. 13 refs. FASEB manuscript no. 5 146-2.
Order from OTS or SLA $1.60

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)
Sliachenko, N. Z.
The pathological anatomy of pneumococcosis 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
Pigs, available on loan from OTS

Trans. of Arkhyz Pathologii (USSR) 1962, v. 24 no. 6, p. 21-25.

DESCRIBERS: Pathology, Anatomy, Iron industry,
*Dusts, *Industrial medicine, *Ores,

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. 5) (over)

63-19001
I. Sliachenko, N. Z.
II. FASEB S-147-2
II. Federation of American Societies for
Experimental Biology,
Washington, D. C.
IV. Scripsa Technica, Inc.,
Washington, D. C.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 6, 1962, pp 29-35.

*FASEB
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Sci
11 Oct 62
RUSSIAN, per, Arkhiv Patologii,
Ref: 11-52-64

Sci- JHP
Jul 65 286,186
Bartlyak, R. A.
THE MORPHOLOGY AND ORIGIN OF THE MIKULICZ CELLS. [1965] [14], (figs. omitted)
47 refs. FASEB manuscript no. S 149-2.
Order from OIS or SLA $3.60 63-19374

Trans. of Arshiv Patologii (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 scleromatous granuloma
and for diagnosing the disease. According to cytol-
ogical investigations, Mikulicz cells are larger than
reported in the literature; they may attain a diameter
of 60μ 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
3. Bartlyak, R. A.
4. FASEB S 149-2
5. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
6. Scripca Technica, Inc.,
Washington, D. C.

Office of Technical Services
The Effect of Splenopathy on the Liver and on the Hypophysis-Adrenal Cortex System (An Experimental Investigation), by L. I. Geller.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 6, 1962, pp 47-52.

*FASEB
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Sci
11 Oct 62
IMMUNOMORPHOLOGY OF CERTAIN ENDOCRINE GLANDS,
BY I. I. FINKEL', 11 PP.

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

JPRS 15044

SCI - MEDICINE
SEP 62

210,258

RUSSIA, per, Arkhiv Patologii, Vol XXIV, No 6, 1962, pp 60-66.

*FASEB
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Sci
11 Oct 62
S-539/62

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


Sci - Med

7 Sep 62


Sci - MED
7 Sep 62
Agapova, E. N.
ATHEROSCLEROTIC CHANGES IN THE DISTAL PORTIONS OF CORONARY VESEELS OF THE HEART AND IN THE MYOCARDIUM. [1965] [21 p. (figs. omitted) 43 refs. FASEB manuscript no. 5319-2. Order from OTS or SLA $2.60  
63-19365
figs. available on loan from OTS


In atherosclerosis of the coronary arteries, plaques are found up to the middle third of the descending branches. The lower third exhibits pyknosis of the endothelem, thickening of the intima, and sclerosis of the vascular wall. A variety of changes, often (Biological Sciences--Pathology, TT, v. 10, no. 5)
Study of the Changes in the Aorta Wall and Arteries During the Early Stages of Atherosclerosis, by V. Kh. Anestiadi.


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*PASEB
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Sci - Med
Dec 62
Gornick, K. A. and Yastrebtsanova, N. L.
Order from OTS or SLA $2.60 63-23026
Ilga 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 disorganization, 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)
Pathomorphology of the Central Nervous System in Experimental Atherosclerosis of Dogs, by L. A. Dolina.


*FASKE
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Sci - Med

Dec 62

5414 63-1436
Atherosclerotic 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.

APPS 15,9 YS

Sci - Md

7 Sep 62
The Effect of Largactyl on the Myelin Sheath Structure of Peripheral Nerves, by T. Marosh, L. Lazar.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 7, 1962, pp 60-63.

*FASEB
Call Mr Zwemer on any inquiries

Sci - Med
Dec 62

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

JFRS 15621.

Kolover, A. N., Lvadkovskaya, I. G., and Vereshchagin, N. V.
Order from OTS or SLA $1.60 63-19380
figs. available on loan from OTS


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. 4) (over)
Histochemical Study of Experimental Pneumonia in Acute Radiation Sickness, by A. C. Ivanov, N. N. Kurshakova.


*FASEB
Call Mr Zwemer on any inquiries

Sci - Chem
26 Oct 62
Mikhlin, S. Ya.
EFFECT OF EXPERIMENTAL FOLIC ACID DEFICIENCY (CAUSED BY AMINOPTERIN) ON ENZYMATIC SECRETION OF THE MAIN DIGESTIVE GLANDS, 1963, 5p
Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, $2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 21, no. 9, p. 2 ff. (Abstract available)

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 deficiency (Biological Sciences, TT v. 11, no. 1)
Lobko, A. P.
KARYOMETRIC INVESTIGATIONS OF LIVER TAP MATTER IN DISEASES OF THE DIGESTIVE TRACT.
Order from OTS or SLA $1.60 63-23029

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 diagnosis 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)
Endothelium of Aorta and Macrophagic Reaction in Experimental Hypercholesterolemia, by G. I. Ilyin.

RUSSIAN, per, Arkhiv Patologii, Vol XXIV, No 9, 1962, pp 50-56.

*FASEB
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Sci - Med
Jan 63
Lagova, N. D. and Konoplev, V. P.

MORPHOLOGICAL CHANGES IN A TRANSPLANTABLE CARCINOMA OF THE MAMMARY GLANDS OF RATS (CMR-1) AFTER HORMONE THERAPY. [1963] [16p]

Order from OTS or SLA $1.60 63-2881

Fig available on loan from OTS

Trans. of Arkhiv Patologii (USSR) 1963, v. 24, no. 10, p. 33-44.


Rats with transplantable mammary gland tumors from the second, eighteenth and thirty-second generations were treated before and after ovariectomy with stilbestrol, cortex and testosterone. One group received testosterone following removal of the adrenal glands.

[Biological Sciences - Pathology, TF, v. 10, no. 12(over) ]
Apekar, S. G.
RIBOFLAVIN CONTENT IN ORGANS OF RATS WITH TRANSPLANTED TUMORS. 1963, 5p
Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, $2.00

Trans. of Arkhiv Patologii (USSR) 1962, v. 24, no. 10, p. 45ff. (Abstract available)

DESCRIPTORS: *Riboflavin, Vitamin B complex,
*Fumors, Transplantation, *Cancer, Liver, Kidneys, Heart

Transplantation of anctes hepatoma C into rats causes a decrease in the riboflavin content of the liver, kidneys and heart. The concentration of PAD is decreased in these organs; the concentration of free riboflavin and FMN is unchanged. Transplantation of Yoshida a

(Biological Sciences, TT, v. 11, no. 1) (over)
Giadshiein, A. I.

PAS-POSITIVE SUBSTANCES AND ACID POLYSACCHARIDES IN THE SYNOVIAL FLUID IN SOME PATHOLOGICAL PROCESSES IN THE KNEE JOINT. [1962] [14p] (figs omitted) 20 refs

FASEB Manuscript no. S-21-3.

Order from OTS, SLA, or ETC $1.60 TT-63-23880

figs available on loan from OTS

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

DESCRIPTION: *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-63-23880

I. Title: Synovial fluid
II. Giadshiein, A. I.
III. FASEB S-21-3
IV. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services
Balachanu, M., Biser, Zh., and Kishan, O.
Order from OTS or SLA $1.10 63-23058

Trans. of Arkhiv Patologii (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 antitumoral action of different substances on the development of tumors transplanted into the egg during incubation, it is necessary to use a method giving a high percentage of positive transplantations. Homogenization of the tumor tissue with Potter's apparatus considerably facilitates transplantation and simultaneously increases the percentage of take.

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


JPRS 17161

SCI - MED

JAN 63 219,665
Ivanov, A. E.

ASEPTIC INFLAMMATION IN THE LUNGS IN ACUTE RADIATION SICKNESS. 1963, 5p.
Order from FASFB in Federation Proceedings, 1967, v. 22, no. 5, p. 2, $2.00

Trans. of Arkhiv Parologii (USSR) 1962, v. 21, no. 11, p. 31ff. (Ms. not in file)

DESCRIPTORS: *Inflammation, *Lungs, Radiation effects, Radiation sickness, Leukocytes

Inflammation in the lungs of irradiated rabbits at the site of intravenous injection has much in common with inflammatory changes arising in other tissues and organs during local irradiation or acute radiation sickness. The fact that the inflammatory changes under different conditions of irradiation are similar in type: (Biological Sciences, PT, v. 11, no. 1)  (over)
Lebedeva, G. A.
Order from OTS, SLA, or ETC $1.60 TT-64-13502
fics. available on loan from OTS
Trans. of Acac phy Pathol (USSR) 1962, v. 24, no. 11, p. 29-34.


(Biological Sciences--Pathology, TT, v. 11, no. 9)
Afrikanova, L. A.
Order from OTS or SLA $1.60 63-23844


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—Radiology, 77, v. 10, no. 11) (over)
THE EFFECT OF CYTOSTATIC SUBSTANCES ON
THE ORGANS OF INTERNAL SECRESSION. [1963]
[12p. 11 refs. PASEB manuscript no. S 91-3.
Order from OTS or SLA $1.60 63-23843
Fig. available on loan from OTS

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

DESCRIPTION: *Endocrine glands, Drugs, *Myeloma,
Leukemia. Toxicity, *Toleraences (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)

1. Title: Chloroform
2. Title: Cytostatic agents
3. Title: Embelin
I. Molisev, B. A.
II. Shurygin, D. Ya.
III. PASEB 5-91-3
IV. Federation of American
Societies for Experimental Biology,
Washington, D. C.
V. Scripta Technica, Inc.,
Washington, D. C.
Lebedeva, G. A.

DAMAGE TO THE GASTROINTESTINAL TRACT IN CHRONIC RADIATION SICKNESS PRODUCED BY REPEATED X-IRRADIATION. [1963] 114p. 11 refs.

FASEB Manuscript no.: S 145-3.

Order from UTG, SLA, or ETC $1.00

TT-63-24467

fres. available on loan from UTG


Sclerotic changes, disturbances in the neurovascular and lymphatic apparatus and changes in the cell composition of the stomach were discovered in the stomach and intestines of dogs in chronic radiation sickness and radiation leukemis 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--Radiology, TT, v. 11, no. 6) (over)
Two types of connective tissue (fibrous and definitive reticular) can be distinguished in the lungs. Both types of tissue have distinctive biological reactions. Cellular-hyperplastic reactions are concentrated in (Biological Sciences—Pathology, TT, v. 11, no. S)
Guzman, 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] 35 refs. FASEB Manuscript n.o.: 5 147-3. 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. 32-33. (Abstract available)


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. 5)
THE SIGNIFICANCE OF PLASMA CELLS IN ANTIBODY FORMATION PROCESS DURING IONIZING RADIATION,
BY L. G. KOVTUNOVICH, A. YU. RUBNITSKAYA, 17 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 V. 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
EXPERIMENTAL INFARCTION-LIKE CHANGES IN THE MYOCARDIUM BROUGHT ABOUT BY ISADRIN (ISOPROPYLNORADRENALINE) [1963] [14p] [USSR]
010703 manuscript no. 5 156-3.
Order from OTS, SLA, or ETC $1.60 TT-64-13507
Bugs available on loan from OTS
Trans. of Arkhiv, Biologii (USSR) 1963, v. 25, no. 1,
p. 25-29.

Descriptors: *Heart, *Necrosis, Drugs,
Obstruction (Physiology), Coronary vessels,
Spasm; Arter.

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

TT-64-15307

1. Title: Isadria
2. Title: Isopropylnor-
adrenaline
3. Amelia, A. Z.
4. Anshelevich, Yu. V.
6. FASEB-5-156-3
7. Federation of Americas
   Societies for Experimental Biology,
   Washington, D. C.
8. Scripex Technologies, Inc.,
   Washington, D. C.
Dyshlovoy, V. D.

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

Ref: FASEB Manuscript no. 5 159-3.
Order from OTS, SLA, or ETC $1.60
TT-63-24472


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)

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DESCRIPTORS: Diseases, *Kidneys, *Tuberculosis

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DESCRIPTORS: *Morphology (Biology), Diseases,
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JPRS 20714

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