

ADD, A-D
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119

Participation of choline compounds in the mechanism of anaphylaxis in the isolated rabbit intestine. A. D. Ado, I. A. Massino and M. I. Undritsov. *Bull. acad. sci. U.R.S.S., Ser. biol.*, 1944, 89-101; cf. M. I. Undritsov, *Bull. Exptl. Biol. Med.* 10, No. 6(1940).—Anaphylaxis of an isolated section of the small intestine or ileum is accompanied by an effusion of considerable amts. of choline (I) and compds. with acetylcholinelike action. The same compds. appear in anaphylaxis of the isolated serosa from which the mucosa has been removed. Sections, contg little I, or decholinized before antigen is added, do not react. The period of sensitization coincides with increased cholinesterase (II) activity in the intestine, brain and liver. Addn. of antigen to a mixt. of normal and sensitized intestine *in vitro* lowers II activity by 20-30%. The normal tissue remains undistinguishable from the sensitized one. Detn. of bound acetylcholine (III) in the sensitized intestine, before and after addn. of antigen, showed a considerable decrease in bound III after anaphylaxis. It is probable that the liberation of an III-like compd. is a necessary link in the chain of metabolic changes occurring in the sensitized intestine after reaction with an anaphylactogen.

T. Laanes

ASB 514 METALLURGICAL LITERATURE CLASSIFICATION

ADO, A. D.

"Contribution to the Binding of the Antigen with the Organs of a Sensitized Guinea Pig," Zhur. mikrobiol., epidemiol. i immunobiol., No.12, 1944

Director, Patho-Physiological Lab., Kazan State Med. Inst.

ADO (KAZAN), A. D.

"Anaphylactic Shock and the Allergic Alteration of Tissues" (p. 157) by
Ado (Kazan), A. D.

SO: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. 17, 1944, No. 2

ADO, A . D.

"Cholinergic processes in the mechanism of allergic reactions." (p. 1) by Ado, A. D.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XXII, No. 1, 1946.

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100330001-3

ADO, A. D., BOGOVAROV, V. M., MALININ, A. I. and KHOMYAKOV, A. M.

"On Modification of the Water-Binding Properties of Skeletal Muscles Upon Sensibilization of the Organism to a Foreign Protein," Mater. k Patol. Fiziol. Allerg. Reaktsiy, Kazan', p 223, 1947.

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100330001-3"

ADO, A. D.
25811

Kholinergicheskiye Protsessy V Mekhanizme Allergicheskikh Reaktsiy.
Trutsy 2-y Sessii Otd-Niya Gigieny, Mikrobiologii I Epidemiologii,
Posvyashch. Pamyati Mechnikova Akad. Med. Nauk SSSR. M., 1948,
S. 62-80.

SO: LETOPIS NO. 30, 1948

ADO, A.D.

Ado, A.D. "The reception of antigens and the mechanism of certain allergic reactions", Vestnik Akad. med. nauk SSSR, 1948, No. 6, p. 21-29.

SC: U-3042, 11 March 53, (Letopis 'zhurnal 'nykh Statey No. 7, 949)

41769

USSR/Medicine - Anaphylaxis and Allergy . Jan 1948
Medicine - Blood Vessels

"The Allergic Dilation of the Vessels in a Dog's Tongue," Prof A. D. Ado, Deputy, Chair of Pathol Physiol, Corr Mem, Acad Med Sci, USSR; D. B. Pen'kovskaya-Shmul'yan, Chair of Pathol Physiol, Kazan Med Inst, 4 1/2 pp

"Arkhiv Patol" Vol X, No 1

Dilation of vessels due to allergy is a phenomenon which has been little studied. Authors discuss experiments on normal dogs, on sensitized dogs, with absence of parasympathetic innervation of the tongue vessels, for isolation of acetyl-choline, and histo-

41769

USSR/Medicine - Anaphylaxis and Allergy (Contd) Jan 1948

mine, and determining the sensitivity of the dog's tongue vessels to acetylcholine. Submitted, 11 Feb 1947.

41769

30979. ADO, A.D.

Mechnikov i sovremennye predstavleniya o Mekhanizme fagotsitoza.
Sbornik nauch. Trudov (Kazansk. in-t epidemiologii i mikrobiologii), vyp. 1,
1949 [na obl: 1948], s. 3-39

ADO, A. D. (PROF.)

USSR/Medicine - Literature
Antigens

Jul/Aug 49

"Review of 'A Collection of Works of the Chair of Pathophysiology, Kazan State Medical Institute,' Edited by Professor A. D. ADO," Prof P. D. Gorizontov, 3 1/2 pp

"Arkh Patol" No 4

First article in the collection by ADO, "Some Results of Research on Antigen Reception in Cases of Allergy" shows that cholinergic reactions have much to do with allergic reactions. Other articles are by L. M. Ishimova, M. A. Yerkhin,

1/50750

USSR/Medicine - Literature (Contd) Jul/Aug 49

V. I. Smirnov, D. B. Pen'kovskaya-Shmul'yan,
M. I. Underitsey, N. N. Kovyazin, S. I. Veyts,
V. I. Bogovarov, A. I. Melnikin, and A. M. Khomyakov.

1/50750

CA

Adrenaline-secreting reflexes from the carotid sinus in dogs with bacterial allergy. A. D. Ado, L. M. Ishimova and T. B. Tolpegina (State Med. Inst., Kazan). *Arkh. Patol.* 12, No. 4, 21-7 (1950). Stimulation of chemoreceptors of the carotid sinus of unsensitized dogs by acetylcholine (or lobeline) causes adrenaline-secreting reflex in the suprarenals. Action of dysentery or typhoid endotoxin vaccines either causes a weak reflex or none at all. However, with sensitized dogs (by dysentery or typhus vaccine) the effect was extremely strong; section of the sinus nerve and the stomach nerve or thrombosis of the carotid vessels destroyed the possibility of initiation of the reflex.
G. M. Kosolapoff

ADO, A.D.

~~Present state of the theory of allergy.~~

Present state of the theory of allergy. Arkh.pat., Moskva 13 no.3:
3-16 May-June 51. (CLML 21:1)

1. Of the Laboratory of Pathological Physiology (Head--Prof.A.D.Ado),
Kazan' State Medical Institute.

ADO, A.D., professor, zaviduvach; ISHYMOVA, L.M.; AKHMADULLINA, H.H.

Reflex regulation of the phagocytic activity of leucocytes. Medych.zhur. 21
no.4:53-57 '51. (MLRA 6:10)

1. Kafedra patolohichnoyi fiziolohiyi Kazans'koho derzhavnogo medychnoho
instytutu. (Phagocytosis) (Leucocytes)

ADO, A. D.

Antigeny kak chrezvychainye razdrazhiteli nervnoi sistemy [Antigens as extreme irritants of the nervous system]. Moskva, ANH SSSR, 1952. 204 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953

ADO, A.D., chlen-korrespondent Akademii meditsinskikh nauk SSSR.

[Sickness and recovery in light of the teachings of I.P.Pavlov]
Bolezn' i vyzdorovlenie v svete uchenia I.P.Pavlova. Moskva,
Izd-vo "Znanie", 1953. 35 p. (MLRA 6:11)
(Pavlov, Ivan Petrovich, 1849-1936) (Medicine)

ADO, A. D.

"Certain Problems Concerning the Reactivity of an Organism in the Light of the (Basic) Ideas of Nervism," Zhur. Vyssey Nerv. Deyat. im. Pavlov, pp 495-509, Jul/Aug 53.

Translation M-298, 30 Mar 55

ADO, A. D.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Ado, A. D.	"Antigens as External Irritants of the Nervous System"	Institute of Surgery imeni A.V. Vishnevskiy, Academy of Medical Sciences USSR

SO: W-30604, 7 July 1954

USSR/Medicine - Immunology, Nervism

FD-2320

Card 1/1 Pub 148 - 29/36

Author : Ado, A. D.

Title : ~~Physiological Investigations in Immunology~~
 : Physiological Investigations in Immunology

Periodical : Zhur. mikro. epid. i immun. No 2, 82-90, Feb 1955

Abstract : Discusses immunological reactions and the action of toxins with particular attention to nerve activity. Criticizes the experimental results and conclusions of Speranskiy and of other proponents of nervism.

Submitted : October 19, 1954.

ADO, A.D.

Critique of the vulgarization of nervosism in infectious pathology.
Zhur. mikrobiol. epid. i immun. no.12:85-92 D '55. (MLRA 9:5)

(NERVOUS SYSTEM,
nervosism, critique of popularization in infect. pathol.)
(COMMUNICABLE DISEASES, physiology,
nervosism in, critique of popularization)

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100330001-3

ADO, Andrey Dmitriyevich

"The Significance of Reflexes in the Development of Disease,"
Arkhiv Patologii, Vol. 17, No. 1, p. 3, 1955.

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100330001-3"

ADO, A. D., Prof.

"The Pathogenesis of Botulism," a report presented at the First Conference of Pathologists of Central Asia and Kazakhstan held in Stalingrad, 12-15 Feb 1955, Ark. Patol., 17, No.3, pp 83-87, 1955

Abstract Sum. 1003, 20 Jul 56

ADO, A.D., professor. (Moskva)

~~SECRET~~

In memory of I.M. Sechenov; on the 50th anniversary of his death.
Sov. med. 20 no.1:76-81 Ja. '56 (MLRA 9:5)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(BIOGRAPHIES.
Sechenov, I.M.)

ADO, A.D.

[Mechanisms of the action of germs on the nervous system] 0
mekhanizmkh deistviia mikrobov na nervnuu sistemuu. Moskva,
Medgiz, 1957. 222 p. (MLRA 10:7)
(NERVOUS SYSTEM--DISEASES)

ADO, Andrey Dmitriyevich, red.; PETROV, Ioakim Romanovich, red.

[Pathological physiology] Patologicheskaya fiziologiya.
Moskva, Medgiz, 1957. 538 p. (MIRA 12:4)
(PHYSIOLOGY, PATHOLOGICAL)

EXPERIENTA MEDICA Sec 6 Vol 13/2 Internal Med. Aug 59

4888. ROLE OF HISTAMINE IN THE MECHANISM OF ALLERGIC REACTIONS
(Russian text) - Ado A. D. Moscow - PATOL. FIZIOL. I EKSPER. TERAP.
1957, 1/2 (12-17)

Report on experimental data about the mutual relationship of noradrenaline, acetylcholine and histamine in development of anaphylactic shock and allergic reactions in various organs. On the basis of established facts a hypothesis is put forward that histamine is not a universal intermediary link - an anaphylotoxin in the mechanism of the various functional manifestations of allergic reactions. This is indicated by the fact that allergic reactions in many organs (lingual vessels in the dog, small intestine of guinea-pig, skeletal muscles of dog, rabbit, hen and goose) are not associated with histamine secretion. The anti-histamine preparation diphenhydramine does not alter the intensity of allergic reactions in these organs. It was established that in the early stages of development (before the 5th-6th day) of serum allergy the process involves sympatho-ergic innervation mechanisms (noradrenaline increases in the blood of dogs) and later on the cholinergic ones. At a later period, about 2-3 weeks from the start of sensitization of the animals, allergen causes histamine liberation in all organs; this is the expression of the 2nd and less specific phase in the development of the allergic reaction - phase of alterations with powerful histaminergic reactions (picture of anaphylactic shock). A hypothesis is put forward that in allergy there are multiple ways in which disturbances of innervation can occur. This is contrary to the accepted view that there is a single substrate and a single internal mechanism in both the generalized and local allergic reactions. References: 21.
Davydova - Moscow (S)

ADO, A.D.; ALEKSEYEVA, T.M.

On the toxic effect of influenza virus on the sympathetic nervous system.
Acta virol. Engl. Ed. Praha 1 no.3-4:161-166 July-Dec 57.

I. D. I. Ivanovsky Institute of Virology, Academy of Medical Sciences,
Moscow, U.S.S.R.

(INFLUENZA, exper.

tox. eff. of virus on sympath. NS in ferrets)

(SYMPATHETIC NERVOUS SYSTEM, in various dis.

exper. influenza, tox. eff. of virus in ferrets)

ADO, A.D., professor

~~SIROTIKIN~~
Nikolai Nikolaevich Sirotinin; on his 60th birthday. Arkh. pat.
19 no.2:93-94 '57 (MIRA 10:4)

1. Chlen-korrespondent AMN SSSR.
(SIROTININ, NIKOLAI NIKOLAEVICH, 1896-)

ADO, A.D., prof. (Moskva)

The development of the theory of medicine in the works of Soviet
pathologists. Sov.med. 21 no.10:10-24 0 '57. (MIRA 11:1)
(PATHOLOGY
in Russia, develop. of theory of med.)

ADO, A.D. (Moskva); POL'NER, A.A. (Moskva); KHAKBERDYEV, M.M. (Moskva)

Renal excretion of large molecules. Usp. sovr. biol. 43 no.1:70-81
Ja-F '57 (MLRA 10:5)
(KIDNEYS) (MACROMOLECULAR COMPOUNDS)

ADO, A.D., prof. (Moskva)

Present trends in the allergy field. Pat.fiziol.i eksp.terap.
2 no.5:3-10 3-0 '58 (MIRA 11:12)

1. Chlen-korrespondent AMN SSSR.
(ALLERGY,
review (Rus))

ADO, A.D., prof.

Allergy. Zdoror've 4 no.6:3-5 Je '58

(MIRA 11:6)

1. Chlen-korrespondent AMN SSSR.
(ALLERGY)

ADO, A.D., prof.

Timely problems in theoretical immunology. Vest. AMN SSSR 13 no.
2:15-26 '58. (MIRA 11:3)

1. Chlen-korrespondent AMN SSSR.
(IMMUNOLOGY
problems, review)

ADO, A.D., prof. (Moskva)

Late information on allergy. Vest. AMN SSSR 13 no.12:7-15 '58.
(MIRA 12:1)

1. Chlen-korrespondent AMN SSSR.
(ALLERGY
review (Ger))

ADO, A.D.; ISHIMOVA, L.M.

Problem of the reflex mechanism in antibody formation. Zhur. mikrobiol.
epid. i immun. 29 no.10:10-16 O '58. (MIRA 11:12)

1. Iz kafedr patologicheskoy fiziologii II Moskovskogo meditsinskogo
instituta i Kuybyshevskogo meditsinskogo instituta.

(ANTIBODIES,
form., reflex mechanism (Rus))

ADO, I.D.; ISHIKOVA, L.M.

Problem of the reflex mechanism of antibody formation. Biul. eksp. biol.
i med. 46 no.11:22-27 N '58. (MIRA 12:1)

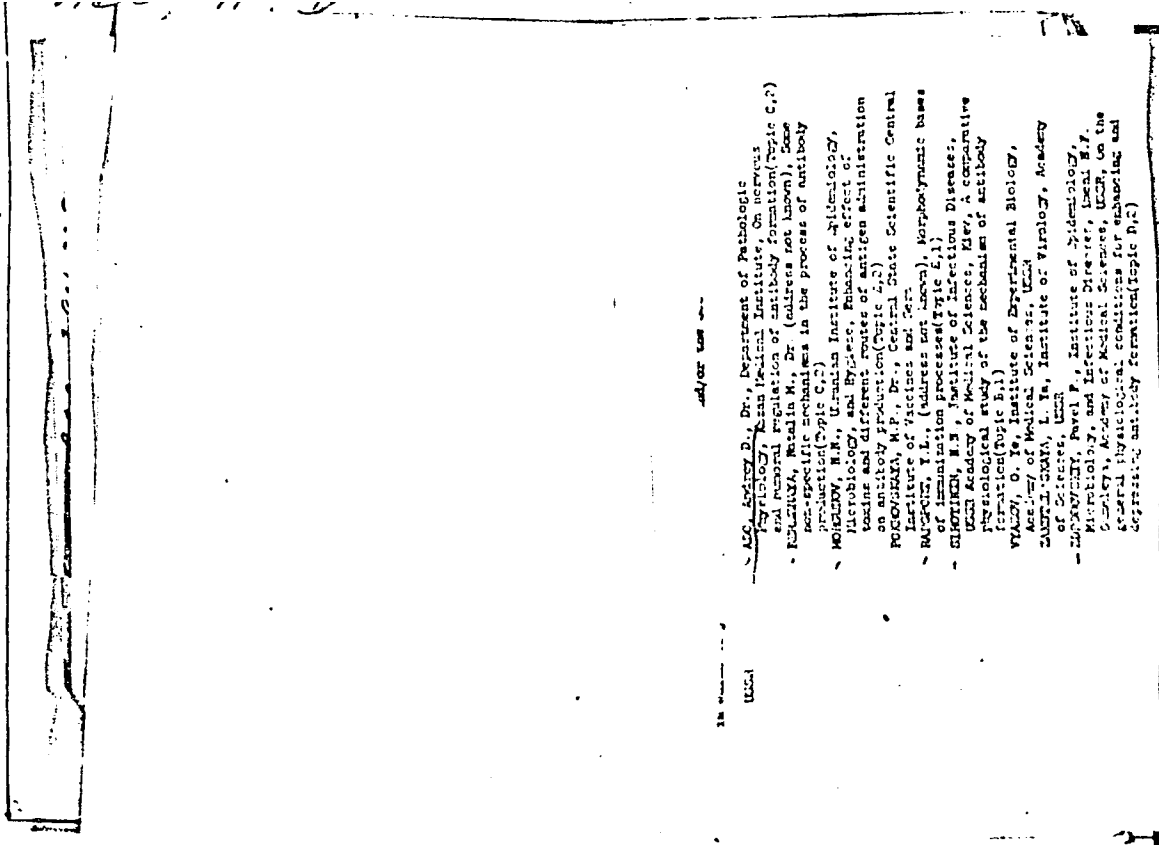
1. Iz kafedr patologicheskoy fiziologii II Moskovskogo i Kuybyshevskogo
meditsinskikh institutov. Predstavlena deystvitel'nym chlenom AMN SSSR
V. M. Chernigovskim.

(ANTIGEN ANTIBODY REACTION,

eff. of isolation of carotid sinus on reflex antibody prod.
after antigenic action on glomus chemoreceptors (Rus))

(CAROTID SINUS, physiol.

same)



and/or use --

- ALC, Andrey D., Dr., Department of Pathologic Microbiology, Kazan Medical Institute, On nervous and humoral regulation of antibody formation (Topic C.1)
- BUKHAROVA, Natalia M., Dr. (address not known), Some non-specific mechanisms in the process of antibody production (Topic C.2)
- MOISEVICH, M.M., Ukrainian Institute of Microbiology, Microbiology, and Hygiene, Enhancing effect of toxins and different routes of antigen administration on antibody production (Topic C.2)
- POLOVINKINA, M.P., Dr., Central State Scientific Central Institute of Virology and Immunology, Morphodynamic bases of antibody formation (Topic E.1)
- SHAPIROVICH, M.S., Institute of Infectious Diseases, USSR Academy of Medical Sciences, Kiev, A comparative physiological study of the mechanism of antibody formation (Topic E.1)
- VLAZOV, O. Ye., Institute of Experimental Biology, Academy of Medical Sciences, USSR
- ZAKHAROVA, L. Ya., Institute of Virology, Academy of Sciences, USSR
- ZHUKOVSKIY, Pavel P., Institute of Microbiology, Microbiology, and Infectious Diseases, Ural S.F. University, Academy of Medical Sciences, USSR, On the general physiological conditions for antibody and suppressive antibody formation (Topic F.2)

report to be submitted for the Symposium on the Mechanism of Antibody Formation, Prague, Czechoslovakia,

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ADO, A. D.

"The Physiological Mechanism of Allergic Reactions."

report presented at the Fourth European Congress of Allergy, London, 1-4 Sep 1959.

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Aty, A. .

"On the pathogenesis of infectious diseases." "

report submitted at the 10th All-Union Conference of Microbiologists, Parasitologists and Infectiousists, 1959.

ADO, A.D.; TITOVA, S.M.

Studies on experimental influenza in dogs. Vop.virus. 4
no.2:165-169 Mr-Apr '59. (MIRA 12:6)

1. Laboratoriya patofiziologii Instituta virusologii imeni
D.I.Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA, exper.
in dogs (Rus))

ADO, A.D., prof.; RASULOV, M.Ya., dotsent

Fourth European Congress on Allergy. Zdrav. Tadzh. 6 no.6:45-47 '59.
(MIRA 13:4)

(ALLERGY--CONGRESSES)

ADO, A.D., prof.

Third International Congress on Allergy. Vest. AMN SSSR 14 no.3:
64-69 '59. (MIRA 12:3)

1. Chlen-korrespondent AMN SSSR.
(ALLERGY)

ADO, A.D., prof. (Moskva)

Allergy and the nervous system. Klin.med. 37 no.12:3-12 D '59.
(MIRA 13:4)

(ALLERGY)
(NERVOUS SYSTEM)

ADO, Andrey Dmitriyevich; STAROSTENKOVA, M.M., red.; ATROSHCHENKO,
L.Ye., tekhn.red.

[Allergy; allergic diseases and their nature] Allergia;
allergicheskie zabolevaniia i ikh priroda. Moskva, Izd-vo
"Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po raspro-
straneniuiu politicheskikh i nauchnykh znani. Ser.8, Biolo-
giia i meditsina, no.2). (MIRA 13:2)

1. Chlen-korrespondent AMN SSSR (for Ado).
(ALLERGY)

PAVLENKO, S.M., otv. red.; ADQ, A.D., red.; GORIZONTOV, P.D., red.;
PIONTKOVSKIY, I.A., red.; FEDOROV, N.A., red.; USPENSKIY, V.I.,
red.; BUL'DYAYEV, N.A., tekhn. red.

[Transactions of the Second All-Union Conference of Patho-
physiologists; problems of compensation, experimental
therapy, and radiation sickness] Problemy kompensatsii eks-
perimental'noi terapii i luchevoi bolezni; trudy... Mo-
skva, Gos. izd-vo med. lit-ry Medgiz, 1960. 462 p.
(MIRA 14:5)

1. Vsesoyuznaya konferentsiya patofiziologov. 2d, Kiev, 1956.
(PHYSIOLOGY, PATHOLOGICAL) (MEDICINE, EXPERIMENTAL)
(RADIATION SICKNESS)

ADO, A.D., prof. (Moskva)

Problems of autoallergy in the pathogenesis of the infectious process.
Vrach. delo no.9:10-15 S '60. (MIRA 13:9)

1. Chlen-korr. AMN SSSR.

(ANTIGENS AND ANTIBODIES)

ADO, A.D.; KANCHURIN, A.Kh.

Allergenic properties of Fermi antirabies of vaccine. Vop.
virus. 5 no. 1:14-19 Ja-F '60. (MIRA 14:4)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(RABIES) (ALLERGY)

ADO, A.D.; MEDUNITSYN, N.V.

Inflammation as a factor in lymph node reactivity. Eksper. khir. 5
no. 2:3-7 Mr-Ap '60. (MIRA 14:1)
(LYMPHATICS) (INFLAMMATION)

ADO, A.D., prof.

Internal environment of the body. Zdorov'e 6 no.12:9-11 D '60.

(MIRA 13:12)

1. Chlen-korrespondent AMN SSSR.
(PHYSIOLOGY)

ADO, A.D.; MIRHAYLOV, V.V. (Moskva)

Recent data on the pathogenesis of bacterial neurointoxication.
Usp. sovr. biol. 49 no.3:373-387 My-Je '60. (MIRA 13:7)
(TOXINS AND ANTITOXINS)

ADO, Andrey Dmitriyevich; USFENSKIY, V.I., red.; BALDINA, N.F., tekhn. red.

[Pathophysiology of phagocytes; brief outline of the history and present state of the theory of phagocytosis] Patofiziologiya fagotsitov; kratkii ocherk istorii i sovremennogo sostoiانيا uchenia 'o fagotsitoze. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 295 p.
(MIRA 14:8)

(PHAGOCYTOSIS)

ADO, A. D., and SUKHO .UKOV, B. Z. (USSR)

"The Antigenic Properties of Serum Autoproteins."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

ADO, A.D.; ALEKSEYEVA, T.A.; KANCHURIN, A.Kh.; TITOVA, S.M. (Moskva)

Pathogenesis of influenza in the light of pathophysiological studies.
Vrach. delo no.6:108-115 Je '61. (MIRA 15:1)
(INFLUENZA)

ADO, A.D.

Allergy. Priroda 50 no.1:61-65 Ja '61.

(MIRA 14:1)

1. Chlen-korrespondent AMN SSSR.
(Allergy)

TSAREGORODTSEV, G.I., kand.filosof.nauk, red.; MIKHAYLOV, F.T., red.;
ADO, A.D., red.; KIBOVSKIY, N.I., red.; SENCILO, K.K.,
tekh.n.red.

[Philosophical problems in medicine] Filosofskie voprosy
meditsiny; sbornik statei. Moskva, Medgiz, 1962. 301 p.
(MIRA 15:5)

1. Chlen-korrespondent AMN SSSR (for ADO).
(MEDICINE---PHILOSOPHY)

ADO, A.D., prof., red.; USFENSKIY, V.I., red.; BEL'CHIKOVA, Yu.S.,
tekh.n.red.

[Problems in the pathological physiology of the infection
process] Voprosy patologicheskoi fiziologii infektsionnogo
protssessa; sbornik rabot. Moskva, Medgiz, 1962. 303 p.
(MIRA 15:5)

1. Chlen-korrespondent AMN SSSR (for ADO).
(ANTIGENS AND ANTIBODIES) (INFECTION)
(TOXINS AND ANTITOXINS)

ADO, A.D., ISHIMOVA, L.M.

"On the histaminopexic action of the serum and the reverse response of smooth muscle organs on atropin during some allergic diseases."

Report submitted to the Intl. Symp. on Histamine,
Warsaw, Poland 21-27 Sep 1962

ADO, A. D.; ISIMOVA, L. M.; POLNER, A. A.

Allergic alteration of smooth muscle organs. Cas. lek. cesk. 101
no.24/25:740-747 22 Je '62.

1. Ustav pro patologickou fyziologii II medicinskeho ustavu v Moskve,
prednosta akademik A. D. Ado.

(ALLERGY experimental) (MUSCLES physiol)
(POTASSIUM metab)

ADO, A.D., prof., red.; POL'NER, A.A., red.; USPENSKIY, V.I.,
red.; MIRONOVA, A.M., tekhn. red.

[Contemporary practical allergology] Sovremennaiia prak-
ticheskaiia allergologiya. Pod red. A.D.Ado i A.A.Pol'nera.
Moskva, Medgiz, 1963. 398 p. (MIRA 17:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow. 2. Chlen-
korrespondent AMN SSSR (for Ado).

SIROVININ, N.N., prof. (Kiyev), red.; ADO, A.D., prof., red.; USPENSKIY,
V.I., red.; PRONINA, N.D., tekh. red.

[Problems of immunopathology] Voprosy immunopatologii; trudy.
Moskva, Medgiz, 1963. 257 p. (MIRA 16:4)

1. Vsesoyuznaya konferentsiya patofiziologov. 3d, Sverdlovsk.
 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Sirotinin).
 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Ado).
- (IMMUNOLOGY--CONGRESSES) (PATHOLOGY--CONGRESSES)

ADO, A.D., prof., (Moskva); REZNIK, A.Ye., dotsent (Kazan')

Review of K.V.Bunin's book "Immunity and rational antibiotic immunotherapy in typhoid fever and dysentery". Kaz.med.zhur. no.3:111-112 My-Je '63. (MIRA 16:9)

1. Chlen-korrespondent AMN SSSR (for ADO).
(ANTIBIOTICS) (IMMUNITY) TYPHOID FEVER)
(DYSENTERY) (BUNIN, K.V.)

ADO, A.D. (Moskva)

Allergic reactions of a retarded type. Vrach.delo no.6:
11-16 Jè'63. (MIRA 16:9)

(ALLERGY)

ADO, A.D.; ISHIMOVA, L.M.; POL'NER, A.A.

Allergic changes in smooth muscle organs. Vestn. Akad. med.
nauk SSSR 18 no.4:8-20 '63 (MIRA 17:4)

1. Kafedra patologicheskoy fiziologii II Moskovskogo meditsin-
skogo instituta imeni N.I. Pirogova i nauchno-issledovatel'-
skaya allergologicheskaya laboratoriya AMN SSSR.

ADO, A.D. (Moskva)

Mechanisms of the pathogenic action of endotoxins of microbes
of the intestinal group. Usp. sovr. biol. 55 no.2:239-254 '63.
(MIRA 17:8)

Abel, A.D.; ABRAMSHOV, V.R.

The specific effect of bacterial toxins on the nervous regulation of respiration. J. hyg. epidem. (Praha) 8 no.4:43-44. '64.

I. Pirogov Medical Institute, Moscow.

ADO, A.D.; KANCHURIN, A.Kh.

Allergic encephalomyelitis and intermediate antigens of nerve
tissues infected with viruses. Sov. med. 27 no.1:56-66 Ja '64.
(MIRA 17:12)

1. Nauchno-issledovatel'skaya allergologicheskaya laboratoriya
(zav. prof. A.D. Ado) AMN SSSR, Moskva.

АИО, А.Д. (Москва)

Nature of disease. Pat. fiziol. i eksp. terap. 8 no.4:81-83
Jl-Ag '64. (MIRA 18:2)

NO, A.F.; SHLACH, I.S.

Note of a slowly reacting substance in the mechanism of an
anaphylactic bronchospasm. Vest. AN SSSR 19 no.10:16-25 '64.
(MED 18:3)

L. Kafedra patologicheskoy fiziologii II Moskovskogo meditsin-
skogo instituta imeni Pirogova.

ADO, A.D. (Moskva)

3d International Symposium on Immunopathology. Vest. ANU SSSR
19 no.10:78-80 '64. (MIRA 18:3)

ADO, A.D. (Moskva)

Nature of disease. Vest. AMN SSSR 20 no. 1:3-7 '65.

(MIRA 18:4)

ADO, A.D.; ISHIEOVA, I.N.

Modern concepts of the mechanisms of allergic reactions. Nauch.
trudy Kaz. gos. med. inst. 14:69 '61. (MIRA 18:9)

1. Kafedra patologicheskoy fiziologii (zav. - chlen-korrespondent
AMN SSSR prof. A.D.Ado) II Moskovskogo meditsinskogo instituta.

ADO, A.D.; TITOVA, S.M.; LEVKOVICH, Ye.N.

Allergenic properties of intermediate antigens of the cerebral
vaccine against tick-borne encephalitis. Vop. virus. 10
no.5:577-583 S-0 '65. (MIRA 18:11)

1. Nauchno-issledovatel'skaya allergologicheskaya laboratoriya
AMN SSSR, Moskva.

FDO, A.D., prof.

Review of I.I.Zaretskii's book "Clinical physiology and methods
for the diagnosis of the functional state of the kidneys."
Pat. fiziol. i eksp. terap. 8 no.5:92-93 S-L0 (4.

(MIRA 18:12)

1. Chlen-korrespondent AMN SSSR.

ACC NR: AP6004867 (N) SOURCE CODE: UR/0402/65/000/005/0577/0583

AUTHOR: Ado, A. D.; Titova, S. M.; Levkovich, Ye. N. 33

ORG: Scientific Research Allergologic Laboratory, AMN SSSR, Moscow 32
(Nauchno-issledovatel'skaya allergologicheskaya laboratoriya AMN SSSR) 8

TITLE: Study of the allergenic properties of intermediate antigens of brain vaccine against tick-borne encephalitis 6

SOURCE: Voprosy virusologii, no. 5, 1965, 577-583

TOPIC TAGS: virus disease, animal disease, experiment animal, antigen, allergic disease, encephalitis, *virus, brain, histology, vaccine*

ABSTRACT: The allergenic properties of antigens forming at various stages of virus propagation in the brain tissue of experimentally infected white mice were studied in 97 guinea pigs by the method of anaphylaxis and desensitization, applying a 5% fluid brain vaccine against spring-summer tick-borne encephalitis prepared 2 days and 4 days after infection. For sensitization, 0.3 ml were given subcutaneously and the anaphylactic injection was given intravenously after 28-33 days. Desensitization was given every 2 hours until complete arrest of the reaction. The desensitizers were suspensions of normal brain, 2 or 4

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UDC: 615.372 : 576.858.257-011 2

ACC NR: AP6004867

days' vaccine, and culture-derived formalin inactivated vaccine against the above disease. Sensitization of the guinea pigs with a suspension of healthy mouse brain tissue caused only weak anaphylactic reaction upon subsequent introduction of the same suspension. Sensitization with vaccine from brain of mice without clinical signs of the disease caused strong anaphylactic reaction; so did vaccine from sick mice. The anaphylactic reaction in guinea pigs sensitized with the 2-day vaccine could be inhibited by prior two-fold desensitization with either normal brain suspension or vaccine, in contrast to 4-day vaccine where such desensitization did not inhibit anaphylactic reaction, due apparently to the large amount of intermediate antigens present in the 4-day vaccine. It may be concluded that intermediate antigens start appearing on the second day after infection and that they increase during virus multiplication in the mouse brain. "The 5% fluid brain vaccine against tick-borne spring-summer encephalitis was prepared by E. N. Levkovich".
Orig. art. has: 3 tables.

SUB CODE: 06/ SUBM DATE: 17Feb64/ ORIG REF: 001

Card 2/2 W

A.G. I. I.

O niil'potentnykh algebrakh i r-gruppakh. Dan, 40 (1946) 398-410

Lokal'no konacha'nye r-gruppy s usloviami nizhnego i vysshego serii. Doklady Akad. Nauk SSSR, 54 (1946) 475-478

O predstavlenii konachnykh nepreryvnykh grupp s pomoshch'yu lineynykh podstanovok. Kazan', Izv. Fiz.-matem.)-va(3) 7 (1934-1935), 1-43

SO: Mathematics in the USSR, 1917-1947

edited by Kurosh, A.G.,

Markushevich, A.I.,

Rashevskiy, P.K.

Moscow-Leningrad, 1948

Source: Mathematical Reviews,

Vol 10 No. 6

ADO, I. D.

USSR/Mathematics - Group Theory

Nov 1947

"Proof of Calculability of Locally Limited p-Groups
of Minimum Value for Normal Denominators," I. D. ADO,
2 pp

"Dok Ak Nauk" Vol LVIII, No 4

In a previous article in "Dok Ak Nauk" Vol LIV, No 6,
1946, author proved that the calculated, locally
limited p-group with minimum value for the normal de-
nominator satisfies the minimum conditions for the
subgroups. In this article he presents calculations
with which he attempts to show that the locally limited
p-group of minimum value for the normal denominators
is calculable. Submitted by Academician A. N. Kolmo-
gorov, 14 May 1947.

38163

In a previous paper [C. R. (Doklady) Acad. Sci. USSR
1971, 24, 171-173 (1976)] the author

TREGUBOVA, Kh.L.; LEVIN, G.L.; ADO, M.A. (Moskva)

Primary amyloidosis with predominant lesions of the tongue & heart.
Klin.med. 36 no.2:101-104 F '58. (MIRA 11:4)

1. Iz vtoroy kafedry terapii Tsentral'nogo instituta usovershenstvo-
vaniya (prof. B.Ya. Vatchal) i patologoanatomicheskogo

LEBEDEV, D.V.; RABOTNOV, T.A.; ADO, M.I. (Moskva)

Reviews and bibliography. Bot. zhur. 50 no.7:1014-1025 J1 '65.
(MIRA 18:11)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad
(for Lebedev). 2. Vsesoyuznyy institut kormov, pochtovoye
otdeleniye Lugovaya, Mosko:skaya oblast' (for Rabotnov).

ADO, YU. M.

Ado, Yu. M.

"Incoherent irradiations of electrons moving in a synchrotron,
and certain applications of them." Acad Sci USSR. Physics Inst
imeni P. N. Lebedev. Moscow, 1956 (Dissertation for the degree of
Candidate in Physicomathematical Sciences)

Knizhnaya letopis'
No. 25, 1956. Moscow

of a Kerr cell filled with nitrobenzene. The condenser is in turn
coaxially coupled to the synchrotron generator. On the basis of
simple physical considerations the relationship between the trans-
mitted light pulses and the characteristics of the synchrotron oscil-
lated light pulses and the characteristics of the synchrotron oscil-

Dokl. Akad. Nauk, 110, fasc. 1, 35-37 (1956) CARD 2 / 2

PA - 1473

ment of the oscillograms consisted in measuring the strength of the light impulses at the moment in which the accelerating voltage was switched on, as well as reducing results to one intensity.

The theoretically computed curves of the energy distribution in the spectrum of the radiation of electrons with 150; 225 and 250 MeV are compared in a diagram with the corresponding experimental values. The intensity distributions obtained at certain electron energies confirm theoretical conclusions within the limits of measuring errors. The observed systematic deviation of experimental points within the range of short waves (even though it does not exceed the limit of measuring errors) is apparently due to the lower degree of accuracy of the gauging of the spectral sensitivity of the apparatus within this range.

INSTITUTION: Physical Institute "P.N. LEBEDEV" of the Academy of Science in the USSR.

International Conference on Evaluation of ...

T. 34474_65

Factors contributing to a decrease in the ... LOSS OF PARTICLES ARE

ADO, Yu.M.; CHERENKOV, P.A.

Incoherent electron emission in the synchrotron and some applications
of this phenomenon for studying the performance of accelerators.
Atom.energ.supplement no.4:49-56 '57. (MIRA 10:10)
(Synchrotron) (Particle accelerators)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100330001-3

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100330001-3"

AUTHOR: None given

30-12-33/45

TITLE: Defense of Dissertations (Zashchita dissertatsiy)
(January - July 1957) (Yanvar' - iyul' 1957 g.)
Section of Physical-Mathematical Sciences
(Otdeleniye fiziko-matematicheskikh nauk)

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 12, pp. 109-111 (USSR)

ABSTRACT: In the Institute for Physics imeni P. N. Lebedev (Fizicheskiy institut imeni P. N. Lebedeva) the following applications for the degree of Doctor of Physical-Mathematical Sciences: A. A. Kolomenskiy - Investigation of the Theory of the Motion of Particles in Modern Cyclical Accelerators (Issledovaniya po teorii dvizheniya chastits v sovremennykh tsiklicheskiy uskoritelyakh). P. E. Nemirovskiy - The Theory of the Scattering of Neutrons by Nuclei (Teoriya rasseyaniya neytronov yadrami). M. M. Sushchinskiy - Spectra of Combination Scattering and the Structure of Hydrocarbons (Spektry kombinatsionnogo rasseyaniya i stroyeniye uglevodorodov). Applications for the degree of Candidate of Physical-Mathematical Sciences: Yu. M. Ado - The Incoherent Radiation of the Electrons Moving in a Synchrotron and Some of Their Applications (Nekogerentnoye izlucheniye elektronov,

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Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-33/45

dvizhushchikhsya v sinkhrotrone, i nekotoryyeyego primeneniya). A. V. Gurevich - Some Questions Connected with the Theory of the Propagation of Powerful Radiowaves in the Plasma (Nekotoryye voprosy teorii rasprostraneniya sil'nykh radiovoln v plazme). D. A. Kirzhnits - On the Statistical Theory of Numerous Particles (K statisticheskoy teorii mnogikh chastits). V. M. Likhachev - Sign- and Momentum-Analysis of Relative Particles by Means of Nuclear Photoemulsion in the Magnetic Momentum Field (Znakovyy i impul'snyy analiz relyativistskikh chastits metodom yadernykh fotoemul'siy v impul'snom magnitnom pole). A. I. Nikishov - Statistical Theory of the Formation of Particles at High Energies (Statisticheskaya teoriya obrazovaniya chastits pri bol'shikh energiyakh). Yu. N. Popov - The Scattering of π -Mesons by Nucleons in the Semiphenomenological and in the Highest Approximation of the Tamm-Dankov Method (Rasseyaniye π -mezonov na nuklonakh v polufenomenologicheskoy teorii i v vysshem priblizhenii metoda Tamma-Dankova). S. G. Rautian Reduction Theory Concerning the Ideal Spectral Apparatus (Teoriya reduktsii k ideal'nomu spektral'nomu priboru). V. D. Rusanov - Investigation of the Injection Effect on the

Card 2/4

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-33/45

Betatron (Issledovaniye effektivnosti inzhetskii v betatron).
Yu. K. Khokhlov - Investigation of the Theory of the Nuclear
Photoeffect (Issledovaniya po teorii yadernogo fotoeffekta).
In the Main Astronomical Observatory (Glavnaya
astronomicheskaya observatoriya) Applications for the degree
of Doctor of Physical-Mathematical Sciences; S. V. Drozdov -
The Determination of Exact Declinations and Broad
Fluctuations by Means of the Zenith Telescope According to
the Zenith Program (Opredeleniye tochnykh skloneniy i
kolebaniy shiroty posredstvom zenit-teleskopa po zenitnoy
programme). Sh. T. Khabibullin - The Physical Libration
of the Moon (Investigation of the physical libration of the
moon by the photographic method and derivation of the
parameter f from the heliometric observations made in Kazan'
(Fizicheskaya libratsiya Luny (Issledovaniye fizicheskoy
libratsii Luny fotograficheskim sposobom i vyvod parametra
 f iz kazanskikh heliometricheskikh nablyudeniy).
Applications for the degree of Candidate of Physical-
Mathematical Sciences; V. T. Gontkovskaya - The Application
of Modern Computation Technique in the Analytical Method

Card 3/4

Defense of Dissertations (January - July 1957)
Section of Physical-Mathematical Sciences

30-12-33/45

of Sky Mechanics (Primeneniye sovremennoy vychislitel'noy
tekhniki v analiticheskikh metodakh nebesnoy mekhaniki).
E. Ye. Dubov - The Peculiar Features of Internal Motions
and of the Luminescence of Quiet Protuberances (Osobennosti
vnutrennikh dvizheniy i svecheniya spokojnykh
protuberantsev). V. I. Ivanikov - On the Methods of the
Photographic Photometry of Meteors (O metodakh
fotograficheskoy fotometrii meteorov).

AVAILABLE: Library of Congress

1. Physics 2. Astronomy

Card 4/4

SOV-120-98-3-7/33

AUTHORS: Abo, Yu. M., Savel'yeva, T. I., Yablokov, B. N.

TITLE: The Use of Two Internal Targets in a Synchrotron (Rabota sinkhrotrona na dvukh vnutrennikh mishenyakh)

PERIODICAL: Priory i Tekhnika Eksperimenta, 1958, Nr 3, pp 37-39 (USSR)

ABSTRACT: Experiments have been carried out on the 280 Mev synchrotron of the Physical Institute of the Academy of Sciences of the USSR, in an attempt to explore the possibility of using two internal targets at different azimuths. For this purpose a second target was introduced into the chamber at an azimuth angle of 60° to the first target and the intensity of the gamma radiation produced at each target was measured as a function of the radial position of the second target. The geometry of the system is indicated in Fig.1. The main target was a tungsten rod 1 mm in diameter, placed at a distance of 760 mm from the centre (radius of synchrotron orbit equals 825 mm); the second target was in the form of a tungsten plate having a thickness of 0.5 mm and $20 \times 30 \text{ mm}^2$ in area. The radial position of each target could be varied by ± 15 mm relative to the radius of 760 and by $\pm 3^\circ$ in the azimuth angle. The intensity of the gamma radiation from the first and second beam was measured by differential ionisation

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SOV-120-58-3-7/33

The Use of Two Internal Targets in a Synchrotron

chambers which excluded the electron background. It was found that it is possible to use two internal targets and thus use more efficiently machine running time. The intensity distributions of gamma radiation in the first and second beam as functions of the radial position of the second target are shown in Fig.2. The above effect should be utilized in the design of new accelerators. N. G. Kotel'nikov assisted. There are 3 figures and 1 Soviet reference.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physics Institute of the Academy of Sciences of the USSR)

SUBMITTED: September 22, 1957.

1. Synchrotrons--Design
2. Synchrotrons--Performance
3. Synchrotron targets

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SOV/89-8-3-21/32

AUTHORS: Ado, Yu. M., Belovintsev, K. A.

TITLE: All-Union Intercollege Conference on Electron Accelerators

PERIODICAL: Atomnaya energiya, 1960, Vol 8, Nr 3, pp 268-269 (USSR)

ABSTRACT: The conference, in which scientists from universities, colleges, scientific research institutes, and industry took part, was held in September 1959 in Tomsk and discussed theoretical and technical matters, control, stabilization, and accessories to electron accelerators, and their application in metallurgy, machine construction, geology, geophysics, and medicine. The transactions of the conference are scheduled for publication by the Tomsk Polytechnic Institute (Tomskiy politekhnicheskii institut).

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21.2000

AUTHORS: Ado, Yu. M., Yelyan, V. V.

TITLE: Coherent radiation of electrons in a synchrotron

PERIODICAL: Atomnaya energiya, v. 9, no. 6, 1960, 455-460

TEXT: An electron orbiting in a synchrotron will radiate electromagnetic waves with a frequency that is equal to a multiple of the rotational frequency. In a wave range comparable to the dimensions of the cluster this radiation will be coherent and a function of the orbital distributions of the electrons. This is taken into account in the equation of the intensity for coherent radiation by introducing a form factor F_{nm} . The

authors have determined experimentally the coherent radiation of the electrons in a synchrotron at $\lambda = 10$ cm (which corresponds to the 50th harmonic of the rotational frequency) for various electron distributions within the "separatrizes". Fig. 1 shows a block diagram of the unit used. A superheterodyne receiver was employed for the radiation pickup. The horn antenna (1) and the mixer (2) were located very close to the accelerator; the heterodyne (9) with a K-11 (K-11) klystron, the inter-Card 1/5.4

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Coherent radiation of...

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mediate-frequency amplifier (3) and the stabilized supply blocks (4) and (8) had been arranged in a distance of about 3 m from the magnet of the accelerator in order to eliminate the effect of the alternating magnetic field. The intermediate-frequency amplifier was a six stage tuned amplifier having a 0.5 Mc pass band and an amplification factor of $\sim 5 \cdot 10^5$. The intermediate frequency was chosen to 25 Mc. After detection the signal was fed to the oscilloscope (5) of the type OK-17M (OK-17M). The signal frequency of the klystron was varied by changing the potential at the reflector by means of the selsyns (6) and (7). The results of these investigations have been illustrated graphically. Fig. 2 shows the dependence of the relative number of particles captured in the acceleration system of the synchrotron, counted from the instant of turning on the h-f accelerating field. The optimum instant corresponds to an $N=100$. In I and III the electron distribution is nearly a δ -function with respect to the amplitudes of the phase oscillations and in section II it is nearly equal to $f(\Phi) = \frac{\Phi}{2\Phi_0} \sqrt{(2\Phi_0)^2 - \Phi^2}$. The oscillograms

[Abstracter's note: cannot be reproduced] show that no radiation will occur during the betatron type operation up to $E \leq 4$ Mev; it will occur

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Coherent radiation of...

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after a cluster has formed. The radiation intensity will drop rapidly for $E > 180$ Mev and will be smaller than the noise level. The ratio of the modulation frequencies was measured to be $F_1:F_2:F_3 = 0.85 : 1 : 1.15$ and agrees with the ratio of the phase oscillations obtained theoretically. A table shows the values of the equilibrium phase (φ_s), the modulation frequency F , the maximum amplitude of the phase oscillations (α_{max}) and the maximum dimension of the separatrix ψ_{max} for various voltages (U). If the distribution of the particles with respect to amplitudes of the phase oscillations is nearly a δ -function then the radiation will be oscillating. Slow intensity oscillations are caused by an adiabatic damping of the phase oscillations. Measuring the pass band of the 50th harmonic resulted in a value of ≤ 0.5 Mc. The strong intensity drop at electron energies above 180 Mev may be explained by a subsequent Gaussian distribution of the electrons with respect to the phase oscillation amplitudes. The investigations had been made at the synchrotron of the Fizicheskii institut AN SSSR (Institute of Physics AS USSR). The authors thank Professors P. A. Cherenkov, M. S. Rabinovich, A. M. Prokhorov and also

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Coherent radiation of...

L. V. Iogansen for discussions. There are 7 figures, 1 table, and 8 references: 6 Soviet-bloc and 2 non-Soviet-bloc. The two references to English-language publications read as follows: E.McMillan. Phys.Rev. 68, 144 (1945); L.Schiff. Rev.Scient.Instrum. 17, 6 (1946).

SUBMITTED: May 28, 1960

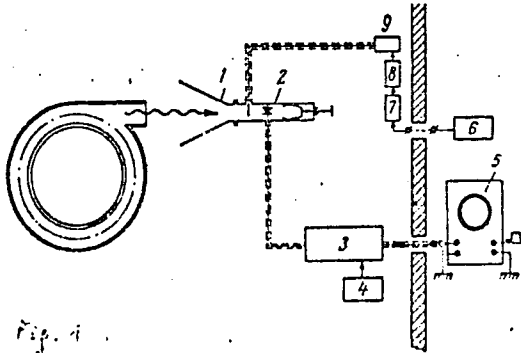


Fig. 1

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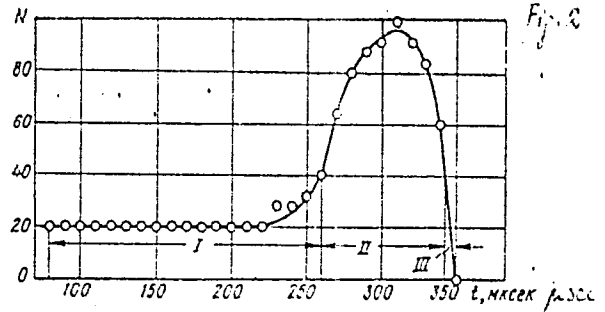


Fig. 2

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E039/E420

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AUTHORS: Ado, Yu.M., Yelyan, V.V.

TITLE: The absorption of bremsstrahlung from accelerators in LiH

PERIODICAL: Pribory i tekhnika eksperimenta, no.2, 1962, 27-28

TEXT: The presence of large numbers of low energy photons interferes with experiments at the high energy end of the spectrum, particularly when Wilson cloud chambers or photographic plates are being used. This low energy radiation can be absorbed in materials of low atomic number for which the ratio of cross-section for Compton effect to pair formation is sufficiently great. The most favourable material for use as an absorber is LiH. A filter was constructed which consisted of a duralumin tube 2 m long and 28 mm bore filled with LiH and the ends hermetically sealed with duralumin caps 0.5 mm thick. By using crushed LiH crystals a packing coefficient of 60% was obtained and the length of the filter was then equal to 1.06 radiation lengths of 105 g/cm². Analysis showed that the LiH contained 12% LiOH, which was allowed for when calculating its transmission. The Card 1/2