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**AD NUMBER**

AD344526

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**TO:** unclassified

**FROM:** confidential

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CIA ltr, 7 Sep 2004; CIA ltr, 7 Sep 2004

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This is a serialized report consisting of unevaluated information prepared as abstracts, summaries, and translations from recent publications of the Sino-Soviet Bloc countries. Individual items are unclassified unless otherwise indicated.

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ERRATUM

In FDD Summary 5180, SCIENTIFIC INFORMATION REPORT Organization and Administration of Soviet Science (16), on page 47, Item 13 should read: Institut Khimii Rastitel'nykh Veshchestv (Institute of the Chemistry of Plant Substances)
I. ACADEMIES OF SCIENCES

USSR

1. Institute of Heat and Power Engineering Develops New Equipment

"In Brief"; Moscow, Meditsinskaya Gazeta, 13 Sep 63, p 4

High capacity drying equipment is now under construction in the Institute of Heat and Power Engineering of the Academy of Sciences USSR. The new apparatus is slated for the Kiev and Minsk plants of medical preparations.

REPUBLICS

2. New Center for Research in Nuclear Physics in Kazakh SSR

"Science and Technology"; Riga, Nauka i Tekhnika, No 10, 1963, p 10

A new center of Soviet science is being developed near Alma-Ata. This small town is affiliated with the Institute of Nuclear Physics of the Academy of Sciences Kazakh SSR. Kazakh scientists in Eastern Dubne will work together with scientists of a number of Asian countries.

3. Amount of Scientific Research in Kirgiz SSR Being Increased

Moscow, Pravda, 15 Sep 63, p 3

Much attention is being devoted to the development of science in the Kirgiz SSR. The network of institutes and laboratories is being extended, and new scientific institutions are being established. The picture accompanying the article shows Vitaliy Afanas'ev, Candidate of Chemical Sciences, and Asangazy Sulaymanov, Aspirant, studying a cellulose preparation with the aid of an electron microscope. They are both associates of the Laboratory of Physical Methods of Research of the Institute of Organic Chemistry.

4. New Officers Chosen at General Meeting of Latvian Academy

"For a Thorough Study of Marxist-Leninist Philosophy"; Riga, Sovetskaia Latviia, 14 Nov 63, p 3

A general meeting of the Academy of Sciences Latvia SSR was concluded on 12 November, 1963 after a 2-day session. The participants heard and discussed the address of the Vice-President, Academian P. I. Valeskaln, on the theme "Science and Ideology." Among those taking an active part in the meeting were: K. K. Plaude, president of the academy; R. A. Kukayne, director of the Institute of Microbiology; V. Ya. Veldre, deputy director of the Institute of Physics; Ya. Ya. Kalnyn', academian and director of the Institute
of Language and Literature; Academians E. A. Yakubaytis, S. A. Giller, A. A. Drizul, A. R. Valdman, and P. Ya. Gerke; and Corresponding Member V. P. Samson.

Organizational questions were also considered at the general meeting. Academian K. L. Plaude was elected president of the academy, Academian P. I. Valeskalin, vice-president; and Corresponding Member V. P. Samson, chief scientific secretary. For the new staff of the Presidium of the academy, the following were chosen: Academians A. R. Valdman, S. A. Giller, A. A. Drizul, A. F. Iyevint, A. I. Kalnyn', A. K. Payve, and E. A. Yakubaytis.

5. New Chemistry Institute Created Under Latvian Academy

"New Institute"; Moscow, Pravda, 15 Sep 63, p 3

With the ever wider application of polymers in the national economy, problems connected with the treatment of polymeric materials in ready-made articles are now acquiring an exceptionally important meaning.

In the Academy of Sciences Latvian SSR, a new scientific organisation has been created to solve these problems -- the Institute of the Mechanics of Polymers. Among its tasks are the development of the scientific principles of the statistical and dynamic reliability of polymeric materials, the creation of engineering methods of polymeric structures, the study of physical-mechanical properties of polymers, and others.

6. Ukrainian Scientific Council for Exhibit of Achievements Created


"With the objective of broad distribution and introduction into the national economy of the latest achievements of the Academy of Sciences Ukrainian SSR in science and engineering, and improvement of the display of these achievements at the Exhibits of Achievements of the National Economy USSR, Exhibits of Advanced Experience in the National Economy of the Ukrainian SSR, international, and other exhibits, the Presidium passed a resolution to create the Scientific Council on Exhibits of Works of the Academy of Sciences Ukrainian SSR.

"P. V. Pershyn, member of the Presidium of the Academy of Sciences Ukrainian SSR and Academician of the Academy of Sciences Ukrainian SSR, will head the council."
7. Ukrainian Institute of Biology of the Southern Seas Organized


"With the objective of developing scientific research work in the field of marine hydrobiology, the Presidium of the Academy of Sciences Ukrainian SSR passed a resolution for the creation of the Institute of Biology of the Southern Seas within the structure of the Department of General Biology, based on the Sevastopol', Odessa, and Karadag biological stations with its center in the city of Sevastopol'.

"As the basic scientific task, the Presidium entrusts the Institute of Biology of the Southern Seas with the development of these problems:

Distribution and quantitative development of living organisms in the southern seas and oceans.

Fundamentals of biological productivity connected with the research, development, and preservation of industrial resources of the seas and oceans.

Biochemistry, physiology, and ecology of marine organisms, photosynthesis of marine plants.

Radiobiology of the sea, bionics, study of overgrowths, and development of means of combating them."

8. D. K. Zerov Resigns From Ukrainian Institute

"Miscellaneous"; Kiev, Doklady Akademii Nauk Ukrainskoy SSR, No 9, 1963, p 1264

The Presidium of the Academy of Sciences Ukrainian SSR accepted the resignation of D. K. Zerov, academian of the Academy of Sciences Ukrainian SSR, as director of the Institute of Botany.
II. MEDICINE AND PUBLIC HEALTH

USSR

9. New Workshop for Laboratory and Clinical Equipment

"Experimental Workshop": Moscow, Meditsinskaya Gazeta, 13 Sep 63, p 2

An experimental production workshop is being organized under the Academy of Medical Sciences USSR. It will manufacture experimental models of laboratory and clinical equipment and perform their repair and modernization.

The workshop is called upon to serve the scientific research establishments of the Ministry of Public Health USSR located in Moscow.

10. New Epidemiology Institute in Moscow

"New Scientific Center": Moscow, Meditsinskaya Gazeta, 27 Sep 63, p 4

The Central Scientific Research Institute of Epidemiology has been organized in Moscow under the Ministry of Public Health USSR. It is a scientific center for research in the field of general and specific epidemiology of infectious diseases. The exploitation of complex anti-epidemic and prophylactic measures directed toward the reduction and eradication of infectious diseases in the USSR are included in the aims of the institute.

At the institute, approval will be given to bacterial and viral preparations, and scientifically based principles for the organization of the sanitary-epidemiological service to the population will be worked out. The institute is entrusted with the coordination of scientific research work on epidemiology and also with studying and making available the results of its studies on the eradication and prevention of infectious diseases.

11. Virology Institute Develops Aerosol Device for Flu Prevention

"Considering the Prophylaxis of Influenza," by N. Orlova, head of Laboratory of Institute of Virology, Moscow, Meditsinskaya Gazeta, 18 Oct 63, p 3

The picture accompanying this article shows a plastic powder insufflator with a filter -- an apparatus for the individual application of medical powders. It is proposed by the Institute of Virology imeni D. I. Ivanovskiy of the Academy of Medical Sciences USSR. It will be manufactured by the Kazan Medical Instrument Plant and sold by the pharmaceutical network.
Serum and medical powders are inhaled into the nasal cavities. The filter does not allow large grains of powder to enter the respiratory passages. The mucous membrane is evenly covered by a thin layer of the preparation. The application of medical powders and anti-influenza serum with the aid of this device is highly effective as the medical substances are carried immediately to the site of the penetration of the infection.

12. Quality of Scientific Equipment Criticised

"Why Do Machines Get Out of Order?" by E. Belkin, student of First Leningrad Medical Institute; Moscow, Meditsinskaya Gazeta, 18 Oct 63, p 2

In our century it is hard to imagine medicine without the use of electrical clinical-diagnostic devices. Therefore, the question of their reliability is disturbing to a wide circle of physicians. It is no secret that some devices put on the market by Soviet industry sometimes fail at the most crucial moment.

Prof Yu. I. Dan'ko, head of the Chair of Therapeutic Physical Culture and Medical Control of the First Leningrad Medical Institute, received permission to purchase a tele-electrocardiograph "TEK-1," costing 1,900 rubles. It would enable the chair to study the electrocardiograms of athletes in training without entangling them in a network of wires. The apparatus worked fine until the athletes began to jump and run; then it gave the most fantastic readings.

A letter was sent to the Moscow Plant of Electro Medical Apparatus requesting that a repairman be sent as soon as possible. After 2 months he arrived in Leningrad and left 4 days later, leaving a statement which read: "The apparatus 'TEK-1' is not suitable for use, and all efforts to repair it under the conditions of the institute were in vain because of concealed plant deficiencies which were impossible to detect in view of the lack of a control apparatus."

The apparatus was conveyed to Moscow. L. S. Ageyev, head of the Division of Technical Control of the plant "EhN," told the institute's representative that the All-Union Scientific Research Institute of Medical Equipment and Instruments was to blame. The drawings which they sent to the plant were incomplete. Due to the incomplete drawings, the first TEK-1 failed. A number of improvements were then incorporated into the design, but nevertheless, out of the 15 new TEK-1's of the experimental series, 5 were no good.

The author of the article alleges that defects in the organization of labor in the "EhN" plant have ruined the quality of its work. Meanwhile, this plant and the Moscow "Red Guard" Plant are putting electrocardiographs on the market.
13. **Medical Stations in Arctic Receive Equipment**

"For the Workers in the Arctic"; Moscow, Meditsinskaya Gazeta, 4 Oct 63, p 1

The Department of Polar Medicine of the Main Administration of the Northern Sea Route sent equipment and drugs via diesel ships and airplanes to its medical sections in various localities in the Arctic. X-ray diagnostic apparatus, electrothermometers, inhalers, DT-2 equipment for artificial respiration, and other equipment is being sent to Dikson Island and the Bay of Provideniye.

The medical section of the Bay of Tiksi received a RUM-5 X-ray machine, an electrocardiograph, a shadow-free lamp with emergency light, a quartz mercury vapor unit, and other equipment for physical therapy.

14. **Public Health Conference in Moscow**

"Physicians Take Counsel"; Moscow, Izvestiya, 11 Sep 63, p 4

The All-Russian Conference of Public Health Workers was recently concluded in Moscow. It had discussed the fulfillment of the resolution of the Central Committee CPSU and the Council of Ministers USSR, "On Measures for the Further Improvement of the Medical Service and the Protection of the Health of the Population of the USSR." The following statistics were cited by V. V. Trofimov, Minister of Public Health RSFSR, in his address:

In the Soviet Union there are 21 physicians for each 10,000 people. This is more than in any country in the world. The average life expectancy in the RSFSR is 69 years. The rate of child mortality has been reduced to 9.5% of that in prerevolutionary times. In the RSFSR during the last 3 years, 70 stomatological institutes and 1,290 pharmacies have been opened, and the number of hospital beds has increased by nearly 200,000.

**REPUBLICS**

15. **New Pharmacy in Frunze To Train Drugists**

"The Largest"; Moscow, Meditsinskaya Gazeta, 13 Sep 63, p 2

A bright three-story building of glass and reinforced concrete is on one of the busy main streets of the Kirgiz capital of Frunze -- Soviet Street. It is a new pharmacy, the largest in Central Asia.

Here one may not only obtain drugs, but also consult with qualified specialists who are familiar with the novelties of medical literature. The new pharmacy will become a teaching-methodological center for increasing the number of qualified pharmacists in the republic.
III. NEW SCIENTIFIC ORGANIZATIONS

16. New Section of Scientific and Technical Division of Mashprom Organised

"New Section of the Scientific and Technical Division (NTO) of Mashprom, Moscow, Mashinostroitel', No 8, 1963, inside back cover

A Section for the Application of Polymeric Materials in Machine Building has been organized under the Central Administration of the Scientific and Technical Division (NTO) of Mashprom. The main task of the section is organization of the study and dissemination of industrial-technical experience.

The fulfillment of this task is possible only by the creative cooperation of the primary organizations of all the departments of NTO of Mashprom. Therefore, the Section for the Application of Polymeric Materials in Machine Building proposes to organize analogous sections or committees in departments of NTO, to gather and disseminate material on the achievements of innovators of science and industry, and to organize excursions to machine building plants where the members of the section can hear reports, etc.

The Section for the Application of Polymeric Materials in Machine Building asks that organizational suggestions and also plans and proceedings of working sections be forwarded to them.

17. Interdepartmental Scientific Economic Council Created

"Scientific Council Created"; Moscow, Izvestiya, 13 Sep 63, p 3

"The Interdepartmental Scientific Council for Introduction of Mathematical Methods and Computer Technology in the National Economy was created under the State Committee for the Coordination of Scientific Research USSR. The chairman of the committee is V. M. Glushkov, vice-president of the Academy of Sciences Ukrainian SSR and director of the Institute of Cybernetics of the Academy of Sciences Ukrainian SSR."

18. Work of Research Institute Described

"Scientific Research..." by Ye. Lipkin; Moscow, Meditsinskaya Gazeta, 12 Nov 63, p 2

A little more than a year ago, the Public Scientific Research Institute for the Preservation of Labor and Industrial Sanitation was opened in Dnepropetrovsk. Forty of the recommendations of the institute have already been put into effect.

Among the associates of the institute are N. T. Arafonov, director of the Ventilation Laboratory of the Plant imeni Petrovskiy, who developed a
method of centralizing an air conditioning system for the reduction of temperatures in the so-called hot departments; V. N. Chetverikovaya, Candidate of Medical Sciences, who is studying "The Role of Topographical Maps in the Prophylaxis of Traumatism"; and Physician S. G. Kropivko, who made a number of suggestions for improving working conditions in the Dnepropetrovsk Tire Plant.

Researchers of the institute have begun the study of vibratory illness with a new approach: they are seeking to improve pneumatic hammers so that the vibrations will be decreased or absorbed.

The structure of the institute is as follows: In the beginning, 35 social workers were employed there; now there are 160. Among them are the Head of the Chair of Traumatology of the Dnepropetrovsk Medical Institute, Prof L. A. Smirnova; sanitary inspector K. E. Belen'kaya; and a number of other physicians, engineers, and scientists.

In the institute there is a Rectorate and a Scientific Council. The work is carried out in seven sections: hygiene of labor and industrial sanitation, ventilation, technical safety, industrial aesthetics, scientific-technical information and propaganda, lighting, and air conditioning.

The institute was begun after the 22d Congress of the CPSU.
IV. AWARDS, APPOINTMENTS, AND PERSONALITIES

19. **A. I. Berg Honored by Presidium of Supreme Soviet USSR**

"Decree of the Presidium of the Supreme Soviet USSR," by L. Brezhnev, Chairman of Presidium of Supreme Soviet USSR, and M. Georgadze, secretary of Presidium of Supreme Soviet USSR; Moscow, Izvestiya, 13 Nov 63, p 2

"For outstanding service in the development of radio technology and in connection with his 70th birthday, Academician Aksel' Ivanovich Berg was awarded the title of Hero of Socialist Labor together with an Order of Lenin and the "Hammer and Sickle" gold medal by the Presidium of the Supreme Soviet USSR."

20. **Soviet Physician Honored**

"Decree of the Presidium of the Supreme Soviet RSFSR," by N. Ignatov, president of Presidium of Supreme Soviet RSFSR, and S. Orlov, secretary of Presidium of Supreme Soviet RSFSR; Moscow, Meditsinskaya Gazeta, 4 Oct 63, p 1

For service in the field of medical science and for many years of fruitful pedagogical work, the honorary title of Honored Scientist RSFSR was awarded to Panteleymon Konstantinovich Bulatov, Doctor of Medical Sciences and head of the Chair of the First Leningrad Medical Institute imeni I. P. Pavlov.

21. **Major General of Medical Service Honored**

"Decree of the Presidium of the Supreme Soviet USSR," by L. Brezhnev, chairman of Presidium of Supreme Soviet USSR, and M. Georgadze, secretary of Presidium of Supreme Soviet USSR; Moscow, Izvestiya, 29 Sep 63, p 2

For service in Soviet public health and in the armed forces of the USSR and in connection with his 70th birthday, the Presidium of the Supreme Soviet USSR awarded the Order of Labor Red Banner to Iosif Romanovich Petrov, Major General of the Medical Service.

22. **Soviet Physicians Honored**

"We Congratulate You"; Moscow, Meditsinskaya Gazeta, 12 Nov 63, p 1

By decree of the Presidium of the Supreme Soviet RSFSR, the honorary title of Honored Physician RSFSR has been awarded to the following group of physicians of the Moscow City Clinical Hospital for great service in the field of national public health: heads of departments K. P. Anisimovaya, I. Z. Gurvich, V. I. Dmitriyevskaya, A. N. Zhilinaya, K. A. Letunovaya, and S. L. Fradinaya, and Physician Z. G. Morozovaya.
23. **50th Birthday of Arif Buranchoyevich Buranchiyev**

"Anniversaries"; Moscow, Vestnik Dermatologii i Venerologii, No. 8, 1963, p 94

December 1963 marked the 50th birthday of Arif Buranchoyevich Buranchiyev, first Kirgiz dermatologist-venereologist, Candidate of Medical Sciences, and assistant of the Chair of Skin and Venereal Diseases of the Kirgiz Medical Institute.

A. B. Buranchiyev is the author of 26 scientific works which have great practical significance in the public health of Kirgiz. The basic direction of his scientific research is the fight against fungal diseases in the republic. He takes an active role in public affairs and has a number of government awards.

24. **Soviet Scientist Celebrates 60th Birthday**

"Lazar' Borisovich Krol'" (His 60th Birthday), by the Editorial Board; Moscow, Elektricheskie Stantsii, No 4, 1963, p 95

In March 1963, Lazar' Borisovich Krol', prominent scientist and thermal power engineer and member of the Editorial Board of the journal Elektricheskie Stantsii (Electric Power Stations), celebrated his 60th birthday.

Krol' began his work in the field of boiler installations of industrial enterprises and electric power stations over 36 years ago. Since 1946 he has worked in the All-Union Scientific Research Heat Engineering Institute imeni Dzerzhinskiy (VII) and for the last 10 years has directed one of its laboratories.

L. B. Krol' is currently a member of the Technical Council of the State Industrial Committee for Power Engineering and Electrification USSR, the Scientific Council of VII, the Permanent Commission for Steam Boilers of the State Committee for Automation and Machine Building of the Council of Ministers USSR, and also chairman of the Subdivision of Boiler Units of the Council on Problem of Power Engineering and Electrification of the State Committee for Coordination of Scientific-Research work of the Council of Ministers USSR.

25. **75th Birthday of Dmitriy Ivanovich Postovskiy**

"Anniversaries"; Moscow, Vestnik Dermatologii i Venerologii, No 8, 1963, p 93

Dmitriy Ivanovich Postovskiy, one of Moscow's oldest dermatologists, was born 75 years ago. From 1948 to the present he has been working as a consultant dermatologist in the polyclinic and hospital of the Academy of Sciences USSR. He was awarded the Order of Lenin and other medals.
26. **70th Birthday of Don Davidovich Shapiro**

"Anniversaries"; Moscow, Vestnik Dermatologii i Venerologii, No 8, 1963, pp 93-94

Don Davidovich Shapiro, Head of the Dermatology Department of the Ukrainian Scientific Research Institute of the Hygiene of Labor and Occupational Diseases, celebrated his 70th birthday on 22 November 1963. An eminent specialist in the field of occupational dermatology in the USSR, Shapiro is the author of 112 scientific works. Of special interest is his monograph on skin diseases in the coal, aniline dye, and machine building industries.

D. D. Shapiro has studied in detail the etiology, pathogenesis, and clinical action of coal tar and its derivatives on the skin (their irritation, photodynamic, and carcinogenic properties) and discovered fractions of coal tar possessing cancer-producing properties. As a result of his research, a protective paste was proposed for work with photodynamic substances.

D. D. Shapiro experimentally studied the changes in the immunological condition of an organism during the action of carcinogenic chemical substances and proposed a method of revealing early immunological changes during the action of carcinogen for early diagnosis, prophylaxis, and therapy in a precancerous condition.

For many years D. D. Shapiro has worked on the problems of allergy and the skin. On the basis of a number of theoretical questions that developed in the course of his experiments, he proposed and promoted the widespread introduction into practice of a preparation for the treatment of eczema and other allergic conditions — a universal, general purpose desensitizer. To raise the standards for the selection of workers entering chemical enterprises, D. D. Shapiro proposed a single, general purpose test with dinitrochlorobenzene, which has been adopted in many chemical plants in the Ukraine with positive results.

The Soviet government highly praised Prof. D. D. Shapiro's services to science. He was awarded the Order of Lenin and the badge "Excellent Public Health Worker."

27. **Birthdays of Soviet Scientists**

"Outstanding and Anniversary Dates in the History of Medicine for 1964"; by L. V. Bengrova, T. G. Polyanskaya, R. S. Rabinovich, and Ye. N. Pokina (affiliated with Department of History of Medicine and Soviet Public Health of Institute for Organization of Public Health and History of Medicine imeni N. A. Semashko); Moscow, Sovetskoye Zdravookhranenie, No 10, 1963, pp 77-78

February 2 is the 75th birthday of Ruben Ambartsumovich Babayants (Babayants) (born 1889), eminent Soviet hygienist and sanitary worker.
and corresponding member of the Academy of Medical Sciences USSR. His basic research is devoted to the problems of the sanitary protection of the soil and of the atmosphere of cities.

February 13 is the 50th birthday of Viktor Mikhaylovich Zhdanov (born 1914), famous Soviet virologist, epidemiologist, organizer of public health, and active member of the Academy of Medical Sciences USSR. His scientific works are devoted to the problems of the etiology and epidemiology of epidemic hepatitis, influenza, and vesicular rickettsial disease, and to the evolution and systematics of infectious diseases. His work on problems of the organization of the sanitary-epidemiological service and the prophylaxis of a number of infectious diseases has great significance.
28. Nadezhda Nikolayevna Ladyginaya-Kots

Moscow, Izvestiya, 6 Sep 63, p 4

The Department of Philosophy and Law of the Academy of Sciences USSR, the Institute of Philosophy of the Academy of Sciences USSR, and the All-Union Society of Psychologists with deep regret announce the death of Nadezhda Nikolayevna Ladyginaya-Kots, Honored Scientist RSFSR and Doctor of Biological Sciences, on 3 September 1963.

29. Ol'ga Borisovna Lepeshinskaya

"In Memory of O. B. Lepeshinskaya," by Ministry of Public Health USSR, Academy of Medical Sciences USSR, and Institute of Experimental Biology of Academy of Medical Sciences USSR; Moscow, Meditsinskaya Gazeta, 4 Oct 63, p 4

Ol'ga Borisovna Lepeshinskaya, eminent biologist, acting member of the Academy of Medical Science USSR, and member of the CPSU since 1898, recently died (born 1871).

In 1926 she created the Histological Laboratory in the Biological Institute imeni Timiryazev and continued her research in the Institute of Experimental Medicine. She wrote more than 120 works devoted to problems of histology and biology. For her research Ol'ga Borisovna was awarded the State Prize.

O. B. Lepeshinskaya took an active part in the social life of the country. More than once she was elected Deputy of the Supreme Soviet RSFSR and was awarded a number of high government prizes for her services.

30. Georgiy Mikhailovich Popov


Soviet mineralogists and crystallographers suffered a great loss when Georgiy Mikhailovich Popov, one of the pioneers of roentgenometry in the USSR, died on 28 April 1963 (born 17 February 1905).

In 1948 G. M. Popov accepted the invitation of Prof G. B. Bokiy and moved to Moscow to become Docent of the Chair of Crystallography and Crystallochemistry of the Geology Faculty of Moscow University. There, until his death, he taught courses in crystallography, roentgenometry, and crystal optics.
In addition to his pedagogical work, Georgiy Mikhaylovich was an active participant in social work: he was Secretary of the Scientific Council of the Geology Faculty, a member of the Selection Committee of Moscow State University, and organizer of the publishing activity of the faculty.

A number of O. M. Popov's published works are devoted to roentgenometrical investigation of the most important manganese ores. He devoted much attention to the exploitation of the Debye method, and a number of his articles deal with this problem.

Popov's textbook, *Crystallography*, written in collaboration with I. I. Shafranovskiy, which came out in three editions, was translated into Georgian, Ukrainian, and other languages. The preparation of the fourth edition of this book was the last work of Georgiy Mikhaylovich.

A brief description of O. M. Popov's activities at Moscow University is given in the recently published monograph, *History of the Geological Sciences at Moscow University* (1962, 297 pp).
VI. FOREIGN SCIENTIFIC COOPERATION

31. Exchange of French and Soviet Medical Workers

"Guests From France"; Moscow, Meditsinskaya Gazeta, 13 Sep 63, p 4

A friendly attitude unites the Trade Union of Medical Workers of the Soviet Union and the Federation of Workers of Social Service and Public Health of France. Representatives of the medical workers of the Soviet Union visited their French friends in the spring of 1963 and became acquainted with their life and activities.

A delegation from France was in Moscow recently for a return visit. It was composed of members of the Presidium of the federation — Francois Paoli, Eduard Margot, Luisa Da Silva, and Rene Guillevique, secretary of the Trade Union Organization of the Saint-Denis Hospital near Paris.

In a meeting of the Central Committee of the Trade Union of Medical Workers of the USSR, Francois Paoli thanked the Soviet physicians for their invitation and for the warm reception shown to the French delegation. He said that upon returning home they would tell the medical workers of France about their trip, and added that they were considering the publication of a bulletin describing the successes and achievements of their meeting with USSR physicians.

32. Soviets to Continue Medical Aid to India

"A Gift of the Country of Soviets — Vaccine of Health"; Moscow, Komsomol’skaya Pravda, 2 Dec 63, p 3

On 2 December 1963 in Delhi, an exchange of letters took place between I. A. Benediktov of the USSR and the Minister of Public Health of India, Mrs Sushila Nayyar, in accordance with which the Soviet Union will continue to render help to India in the eradication of epidemic diseases.

During 1964–1965, the Soviet Union will present India with a gift of 250 million doses of anti-smallpox vaccine. Together with 200 million doses given earlier, there will be enough of this drug — so important to India — to vaccinate nearly the entire population of the country.

At the time of the exchange of letters, Sushila Nayyar announced that the Soviet gift will permit a widespread vaccination campaign in all the Indian states. Mrs Nayyar remarked that up to the present, there has been no instance when the planned supplies of Soviet drugs were delayed or failed to arrive. The Soviet vaccine will act much more effectively than the means used previously.
33. **Soviet Medical Aid to Other Countries**

Moscow, *Meditinskaya Gazeta*, 7 Nov 63, p 4

"A generous gift from the heart of the Soviet people -- this aptly describes the unselfish foreign aid which the USSR renders to the people of countries starting out on the road to independent development. A 200-bed hospital built by the Soviet Union as a gift to the people of Burma, is in its third year of operation in the city of Taungchhi. Soviet poliomyelitis vaccine is bringing health to the children of many countries of Africa, Asia, Europe, and Latin America. I. A. Benediktov, USSR ambassador in India, recently presented a new consignment of vaccines from the Soviet Red Cross to Mrs Amrit Kaur, president of the Indian Red Cross."

The two pictures accompanying the article show the hospital in Burma and the presentation of the vaccine to Mrs Kaur.
34. **Ukrainian Research Institute Develops New Apparatus**

"Economical, Convenient"; Moscow, Meditsinskaya Gazeta, 4 Oct 63, p 1

An experimental industrial apparatus for the extraction of phenol from drainage water was created in the Ukrainian Scientific Research Coal-Chemical Institute and was introduced into the Rutchenkovsk Coke-Chemical Plant.

35. **Scientific Expeditions Study Northern Forests**

"Science and Technology"; Riga, Nauka i Tekhnika, No 10, 1963, p 10

Expeditions of scientific workers of the Far East studied the huge forests of the northern rayons where large supplies of valuable medical plants are found, including the well-known ginseng, Chinese shizandra, Manchurian aralia, and others.
VIII. ORGANIZATIONAL BRIEFS

The information on organizations listed below is from current Soviet literature.

Akademiya Meditsinskikh Nauk SSSR

(Academy of Medical Sciences USSR)

Suborganization: Institute of Oncology

Personalities: V. Dil'man - Candidate of Medical Sciences and Senior Scientific Associate of the Institute of Oncology

Source: Meditsinskaya Gazeta, 4 Oct 63, p 3

Personalities: N. N. Zhukov-Verezhnikov - active member

Source: Meditsinskaya Gazeta, 13 Sept 63, p 2

Remarks: Not far from Pesochnaya Station in the Leningrad Oblast, construction of a first class medical city is being completed. It will accommodate clinics and laboratories of the Institute of Oncology of the Academy of Medical Sciences USSR

Source: Meditsinskaya Gazeta, 27 Sept 63, p 1

Akademiya Nauk Armyanskoy SSR

(Academy of Sciences Armenian SSR)

Personalities: V. Isagulyants - Academician of the Academy and Professor of the Moscow Institute of the Petroleum Chemistry and Gas Industry

Source: Pravda, 15 Sept 63, p 3

Akademiya Nauk Kazakhskoy SSR

(Academy of Sciences Kazak SSR)

Suborganization: The Institutes of Social Sciences are: Economics, History, Law, Linguistics, and Literature and Art

Remarks: 413 people are working in these institutes at the present time. 311 are scientific and scientific-pedagogical workers. Among these scientists are 15 Doctors of Science and 130 Candidates of Science. This 7.2% of the total number of workers of the Academy, 17.1% of the number of scientific associates, and 20.1% of the number of scientists with degrees. The maintenance of the institutes of social science comprise 8.2% of the expenses for the maintenance of the whole Academy
Akademiya Nauk Latviyskoy SSR
(Academy of Sciences Latvian SSR)
Personalities: Ya. V. Peyve - Academician of the Academy of Sciences Latvian SSR and corresponding member of the Academy of Sciences USSR. His specialty is the biochemistry of the soil.
Source: Nauka i Tekhnika, No 9, 1963, p 23

Akademiya Nauk USSR
(Academy of Sciences Ukrainian SSR)
Personalities: Z. Nekrasov - Academician
Source: Pravda, 10 Sept 63, p 2

Akademiya Nauk Uzbeckoy SSR
(Academy of Sciences Uzbek SSR)
Personalities: K. Akhmedov - corresponding member
Source: Pravda, 15 Sept 63, p 3

Akademiya Nauk SSSR
(Academy of Sciences USSR)
Personalities: V. Korshak - corresponding member
Source: Pravda, 15 Sept 63, p 3

Akademiya Pedagogicheskikh Nauk
(Academy of Pedagogical Sciences)
Personalities: Boris Ustinov - correspondent
Source: Meditsinskaya Gazeta, 12 Nov 63, p 4
Andizhanskiy Meditsinskiy Institut
(Andizhansk Medical Institute)
Location: Andizhan
Personalities: B. Soybel' - Docent, Head of the Chair of the Propedeutics of Internal Diseases
Source: Meditsinskaya Gazeta, 18 Oct 63, p 3

Energeticheskiy Institut imeni G. M. Kushishanovskogo
(Power Engineering Institute imeni G. M. Kushishanovskiy)
Subordination: State Production Committee on Power Engineering and Electrification USSR
Suborganization: new filial set up in Frunze to do research on high-altitude power problems
Source: Sovetskaya Kirgiziya, 17 Sep 63, p 2

Frunze Meditsinskiy Institut
(Frunze Medical Institute)
Suborganization: Department of General Surgery
Personalities: Prof E. K. Akhunbayev - Head of the Department
Source: Kommunist Tadzhikistana, 10 Oct 63

Gor'kovskiy Meditsinskiy Institut
(Gor'kiy Medical Institute)
Location: Gor'kiy, ul. Piskunova, 3, korp. 3, oblastnaya BTEK
Source: Meditsinskaya Gazeta, 27 Sept 63, p 4

Institut Akusherstva i Ginekologii
(Institute of Obstetrics and Gynecology)
Personalities: G. V. Eristavi - Deputy Director of the Medical Part of the Institute R. I. Kalganovaya - supervises deliveries
Institut Bliofiziki
(Institute of Biophysics)

Location: Moscow
Subordination: Academy of Sciences USSR
Suborganization: Laboratory of Physiology
Personalities: Academician L. S. Shtern, Director of the Laboratory
Source:
Gisto-Gematicheskiye Bar'ery i Ioniziruyushchaya Radiatsiya (Histo-Hematic Barriers and Ionizing Radiation), A Collection of Works of the Laboratory of Physiology; Academy of Sciences Publication, Moscow, 1963, 216 pages

Institut Eksperimental'noy Meditsiny
(Institute of Experimental Medicine)
Subordination: Academy of Medical Sciences USSR
Source:
Meditsinskaya Gazeta, 13 Sept 63, p 4

Institut Eksperimental'noy Patologii i Terapii
(Institute of Experimental Pathology and Therapy)
Location: Sukhumi
Subordination: Academy of Medical Sciences USSR
Suborganization: Laboratory of Infectious Pathology; Laboratory of Physiology and Pathology of Higher Nervous Activity; Laboratory of Radiobiology
Personalities: V. A. Lushin, Director of the Institute; Associate of the Lab of Infec. Path E. D. Dzhikidze, J. M. Pokornyan, Z. K. Stasilevich, K. N. Kavtaradze; N. I. Lagutina, Head of the Laboratory of Physiology and Pathology of Higher Nervous Activity and I. T. Dzheiliyev, V. G. Startsev, and A. A. Fufacheva of the Lab are responsible for research on Vegetative Functions of the Organism; Candidate of Med Sci L. F. Semenov Head of Lab of Radiobiology
Source:
Nauka i Tekhnika, No 10, Oct 1963, pp 11-13

21
Institut Fiziki Zemli
(Institute of Physics of the Earth)

Subordination: Academy of Sciences USSR

Personalities: B. Yu. Levin, Doctor of Physico-Mathematical Sciences

at the above institute, is scheduled to speak at a

joint session of the Bureau of the Division of Geological-

Chemical and Technical Sciences, Academy of Sciences,

and the Tadzhik Division of the All-Union Mineralogical

Society, on the origin, construction and development of

the earth

Source: Kommunist Tadzhikistana, 1 Oct 63,

Institut Khimii
(Institute of Chemistry)

Subordination: Academy of Sciences Estonian SSR

Personalities: Director, O. G. Kirret

Source: Sovetskaya Estonia, 14 Sep 63, p 2

Institut Khimii
(Institute of Chemistry)

Subordination: Academy of Sciences Uzbek SSR

Suborganization: Laboratory of Fertilizers

Source: Pravda, 15 Sep 63, p 3

Institut Khirurgii Nervnoy Sistemy
(Institute of Neurosurgery)

Subordination: Academy of Medical Sciences USSR

Personalities: N. D. Leybzon, Head of a division of the Institute

and Doctor of Medical Sciences

Source: Kommunist Tadzhikistana, 10 Oct 63
Institut Mikrobiologii
(Institute of Microbiology)
Subordination: Academy of Sciences Latvian SSR
Personalities: Candidate of Technical Sciences M. Beker, Deputy Director of the Institute
Source: Nauka i Tekhnika, No 10, Oct 63, pp 26-27

Institut Organicheskogo Sintezas
(Institute of Organic Synthesis)
Subordination: Academy of Sciences Latvian SSR
Personalities: Candidate of Chemical Sciences V. Zelmen
Source: Nauka i Tekhnika, No 10, Oct 63, pp 14-15

Institut Radiotekhniki i Elektroniki
(Institute of Radio Engineering and Electronics)
Subordination: Academy of Sciences USSR
Personalities: Kotel'nikov - Director of the Institute
Source: Vechernyaya Moskva, 21 Nov 63, p 2

Institut Sanitarnogo Proveshcheniya
(Institute of Sanitary Education)
Personalities: Z. Malyarova - Scientific associate
Source: Meditsinskaia Gazeta, 27 Sep 63, p 2

Irkutserskiy Meditsinskiy Institut
(Irkutsk Medical Institute)
Location: Irkutsk
Suborganization: Pharmaceutical Faculty and Chair of Therapeutic Stomatology
Remarks: N. Stavrova and Ye. Chulanova - Candidates of Medical Sciences

Sources: Meditsinskaya Gazeta, 12 Nov 63, p 3

Kazakhskiy Institut Mineral'noogo Syv'ya
(Kazak Institute of Mineral Raw Materials)
Source: Razvedka i Okhrani Nedr, No 10, 63, p 31

Kirgizskiy Meditsinskiy Institut
(Kirgiz Medical Institute)
Location: Frunze
Personalities: Prof N. Lavrov - Head of the Chair of Normal Anatomy
Source: Meditsinskaya Gazeta, 22 Oct 63, p 2

Kiev Meditsinskiy Institut
(Kiev Medical Institute)
Location: Kiev
Suborganization: Evening Department
Source: Meditsinskaya Gazeta, 4 Oct 63, p 1

Krasnoyarskiy Meditsinskiy Institut
(Krasnoyarsk Medical Institute)
Location: Krasnoyarsk
Personalities: Prof I. Kotlyarov - Head of the Chair of Biochemistry
Source: Meditsinskaya Gazeta, 27 Sep 63, p 3
Leningradskiy Gosudarstvenny Universitet

(Leningrad State University)

Location: Leningrad

Personalities: M. Potapova - Candidate of Medical Sciences in the Physiological Institute. For three years the above institute has been studying the effect of active rest in the process of the working day on the health of people from 20-70 years of age who are engaged in intellectual work.

Source: Meditsinskaya Gazeta, 13 Sep 63, p 3

I Leningradskiy Meditsinskiy Institut

(I Leningrad Medical Institute)

Suborganization: Department of Hospital Surgery

Personalities: Prof F. G. Uglov, winner of the Lenin Prize, heads the Department of Hospital Surgery

Source: Kommunist Tadzhikistana, 10 Oct 63

I Leningradskiy Meditsinskiy Institut imeni Akademika I. P. Pavlova

(I Leningrad Medical Institute imeni Academician I. P. Pavlov)

Location: Leningrad

Personalities: E. Leybov - Laboratory Assistant and student of the Evening Department

Source: Meditsinskaya Gazeta, 13 Sept 63, p 2

Moskovskiy Nauchno-Issledovatel'skiy Institut Uska, Gorla, i Nosa

(Moscow Scientific Research Institute of Ear, Throat, and Nose)

Location: Moscow

Suborganization: Laboratory of Pathological Physiology; Clinical Department of the Institute
Personalities: Doctor of Medical Sciences Boris Mikhailovich Sagalovich, Director of the Laboratory; Candidate of Medical Sciences Konstantin Borisovich Radugin, Director of the Clinical Department of the Institute

Source: Meditsinskaya Gazeta, 27 Sep 63, p 4

Nauchno-Issledovatel'skiy Institut Avtotransporta
(Scientific Research Institute of Auto Transport)

Personalities: N. Ostrovskiy - Director of the Institute

Source: Vechernyaya Moskva, 25 Nov 63, p 2

Nauchno-Issledovatel'skiy Institut Epidemiologii i Mikrobiologii imeni Gamalei
(Scientific Research Institute of Epidemiology and Microbiology imeni Gamaleya)

Subordination: Academy of Medical Sciences USSR

Source: Meditsinskaya Gazeta, 13 Sep 63, p 3

Nauchno-Issledovatel'skiy Institut Otorinolaringologii
(Scientific Research Institute of Otorhinolaryngology)

Subordination: Ministry of Public Health of the Ukraine

Personalities: O. Ye. Shamray - surgeon

Source: Meditsinskaya Gazeta, 22 Oct 63, p 2

Semipalatinskiy Meditsinskiy Institut
(Semipalatinsk Medical Institute)

Location: Semipalatinsk

Suborganization: Chair of Hospital Surgery

Personalities: Docent K. Ch. Chuvakov, Director

Source: Zdravookhraneniye Kasakhstana, No 11, p 61
Sverdlovskiy Nauchno-Issledovatel'skiy Institut Gigieny Truda i Profpatologii

(Sverdlovsk Scientific Research Institute of Labor Hygiene and Occupational Pathology)

Location: Sverdlovsk

Personalities: V. A. Mikhaylov, L. V. Klyushina

Source: Ref. Zhur. Farm. i Toks., No 17, Sep 63, Abs No 17.54.311

Tashkentskiy Gosudarstvennyy Meditsinskiy Institut

(Tashkent State Medical Institute)

Location: Tashkent

Suborganization: Chair of Roentgenology and Medical Radiology

Personalities: Prof S. A. Molchanov, Director

Source: Meditsinskiy Zhurnal Uzbekistana, No 10, Oct 61

Tbilisskiy Meditsinskiy Institut

(Tbilisi Medical Institute)

Location: Tbilisi

Suborganization: Stomatological Faculty and Medical Faculty

Source: Izvestiya, 11 Sep 63, p 3

Tbilisskiy Nauchno-Issledovatel'skiy Institut Ekspertiment'noy i Klinicheskoj Khirurgii

(Tbilisi Scientific Research Institute of Experimental and Clinical Surgery)

Location: Tbilisi

Subordination: Academy of Medical Sciences USSR

Personalities: Profs K. Erstavi and M. Machabeli - laboratory directors
Remarks: The above scientists obtained physis, a plant hormone possessing all the properties of fibrinolysin, from fig berries. The experiments show that the new preparation destroys fibrin and fibrinogen in the blood, and therefore may perhaps be used for the treatment of thrombo-embolic diseases.

Source: Meditsinskaya Gazeta, 22 Oct 63, p 4

Tsentralk'naya Nauchno-Issledovatel'kaya Laboratoriya Korrozii
(Central Scientific Research Laboratory of Corrosion)

Personalities: I. Doronenkov - Director
A. Yezerakiy - Head of the Laboratory of Polymers

Source: Izvestiya, 12 Sep 63, p 3

Tsentralk'niy Institut Usovershenstovovaniya Vrachey
(Central Institute for the Advanced Training of Physicians)

Location: Moscow
Subordination: Ministry of Health USSR

Personalities: Prof V. I. Kazaanskiy - Head of a department of the institute

Source: Kommunist Tadzhikistana, 10 Oct 63

Remarks: Associates of the I Chair of Roentgenology-Radiology and the I Chair of Therapy are studying the activity of the heart and lungs with the aid of an electro-kymograph. This work is being conducted at the base of the Moscow City Clinical Hospital imeni S. P. Botkin

Source: Meditsinskaya Gazeta, 13 Sep 63, p 3

Personalities: N. Belaya - Candidate of Medical Sciences and Associates of the Chair of Therapeutic Physical Culture and Medical Control

Source: Meditsinskaya Gazeta, 12 Nov 63, p 3
Central'nyy Institut Kurortologii i Fizioterapii
(Central Institute of Health Resorts and Physiotherapy)

Location: Sverdlovsk
Suborganization: Physiotherapy Department
Source: Meditsinskaya Gazeta, 12 Nov 63, p 3

Ukrainskiy Nauchno-Issledovatel'skiy Experimental'nuy Institut Glaznykh
Oboleliv i Tselevoy Terapii imeni Vladimir Petrovicha Filatova
(Ukrainian Scientific Research Experimental Institute of Diseases of
the Eyes and Tissue Therapy imeni Vladimir Petrovich Filatov)

Suborganization: Laboratory of Optic Functions of the Eye. Children's
Dept of the Institute; Laboratory of Scientific
Photography
Personalities: A. Malinovskiy, Director of the Laboratory, Nadeshda
Aleksandrovn Puchkovskaya, Director of the Institute,
N. S. Shul'gina, Senior Scientific Associate, works
in one of the labs of the Institute; Prof. S. A.
Berkaush, Director of the Children's Dept; Senior
Scientific Associate A. Ye. Shevelev; Ye. G. Sheyer,
Dir. of Scientific Photography Laboratory

Source: Nauka i Tekhnika, No 10, Oct 63, pp 5-7

Vsesoiuznyy Nauchno-Issledovatel'skiy Institut Meditsinskoy i
Tekhnicheskoy Informatsii
(All Union Scientific Research Institute for Medical and Medicotechnical Information)

Suborganization: Academy of Medical Sciences USSR
Source: Meditsinskaya Gazeta, 27 Sep 63, p 3

Vsesoiuznyy Nauchno-Issledovatel'skiy Institut Tsellyulozno-Bumazhnoy
Proizvodstva (VNIIIP)
(All Union Scientific Research Institute of the Cellulose Paper Industry)

Suborganization: University of Paper
Personalities: Director of Laboratory of Paper, N. V. Ryukhin, Candidate of Technical Sciences

Source: Leningradskaya Pravda, 17 Sep 63, p 4
7 September 2004

Ms. Roberta Schoen  
Deputy Director for Operations  
Defense Technical Information Center  
7725 John J. Kingman Road  
Suite 0944  
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the “Non-NIS” referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

Sergio N. Alcivar  
Chief, CIA Declassification Center,  
Declassification Review and Referral Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)  
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)
### Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed by CIA and declassification guidance has been provided.

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<thead>
<tr>
<th>OGA Doc ID</th>
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