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SOURCE Newspapers and periodical as indicated.

DEVELOP NEW MEDICAL PREPARATIONS, PRODUCTION METHODS

CHIMKENT PLANT SOLE PRODUCER OF SANTONIN -- Atma-Ata, Kazakhstanskaya Pravda, 15 Jun 51

The Chimkent Pharmaceutical Chemical Plant imeni F. E. Dzerzhinskiy is the only enterprise in the country which produces santonin, a valuable medical preparation derived from wild wormwood.

OUTPUT OF PASK INCREASES -- Riga, Sovetskaya Latvya, 26 Jun 51

The Riga Pharmaceutical Plant completed its half-year program 10 days early. Its 6-month plan for output of its basic type of production, the medical preparation PASK, was exceeded by 12.6 percent.

During the first 5 months of 1951, the plant accumulated more than 2 million rubles of above-plan profits; tens of thousands of rubles' worth of raw and other materials were saved. The production cost of output was significantly lowered. Labor productivity is increasing regularly.

TO HOLD CONFERENCE ON NEW DRUGS -- Riga, Sovetskaya Latvya, 1 Jul 51

On 2 or 3 July, a conference will be held at the Academy of Sciences Latvian SSR on the results of the use of the new medical preparation, "furatsilin", (furacylin) developed several years ago. Its pharmacological, microbiological, and other properties have been studied in detail by the scientific workers of the Academy of Sciences Latvian SSR.

Later furatsilin underwent clinical testing in surgery and other fields of medicine. Valuable properties of the preparation were revealed which have beneficial effects on all suppurative infections. The Riga Medical Institute and a large number of medical institutions in Latvian SSR, as well as in Moscow and Leningrad, have engaged in research on the clinical use of furatsilin.

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**DEVELOP SYNTHETIC VITAMIN C -- Moscow, Pionerskaya Pravda, 3 Jul 51**

Soviet scientists and engineers have worked out a method of producing ascorbic acid chemically. Pure Vitamin C is obtained by reacting glucose with acetone, chloroform, and sulfuric acid. The conversion of glucose is done in special apparatus of stainless steel, aluminum, and porcelain.

Ascorbic acid is used for other purposes besides preventing and curing diseases. When added to fats, it helps to preserve their quality over a long period of time.

A Stalin Prize was awarded to G. N. Lebedev, chief of the Main Administration of the Vitamin Industry, who directed the work, and to other Soviet scientists and engineers for the industrial synthesis of ascorbic acid.

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**SHIPS VITAMINS TO SATELLITES -- Kishinev, Sovetskaya Moldaviya, 22 Aug 51**

The Moscow First Vitamin Plant is producing Vitamin D<sub>2</sub>, which is widely used in agriculture for productive livestock raising and aviculture. The plant recently shipped large consignments of its output to the People's Democracies.

**DEVELOP NEW ANTIBIOTIC -- Duesseldorf, Chemische Industrie, Sep 51**

Synthomycin, a newly developed antibiotic, is being produced in the USSR as a remedy for dysentery, typhoid, and pneumonia.

The antibiotic is generally obtained from a type of ray fungus; however, a synthetic process for producing the drug is said to have been found.

**TREAT WOUNDS WITH BACTERICIDAL PAPER -- Minsk, Sovetskaya Belorussiya, 5 Oct 51**

I. N. Kul'bin, Candidate of Technical Sciences, director of the technological laboratory of the Academy of Sciences Latvian SSR, has proposed the use in medical practice of the so-called bactericidal paper he invented.

The paper is saturated with a special chemical solution which kills bacteria on the surface of the affected parts of the skin, thus contributing to the rapid healing of wounds. The paper is being used in the treatment of slight wounds, fresh surface cuts, abrasions, and superficial burns.

In a special order, Smirnov, Minister of Health USSR directed extensive use of the bactericidal paper in dispensary practice. The Riga Pharmaceutical Chemical Plant has mastered production of the paper.

**NEW DRUG RELIEVES ADDISON'S DISEASE -- Tallin, Sovetskaya Estoniya, 21 Oct 51**

The Moscow Endocrine Preparations Plant of the Ministry of Meat and Dairy Industry USSR has mastered the production of a new medical preparation, Kortin, in ampules.

Kortin was developed by a group of scientific associates of the All-Union Institute of Experimental Endocrinology under the leadership of N. A. Shereshevskiy. It is a dependable remedy in the treatment of Addison's disease, and is being used successfully also during convalescence after serious infectious diseases.

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Plant workers have worked out and assembled a special apparatus whereby Kortin can be put out in quantities which satisfy the requirements of the country's medical institutions.

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