

## CURE FOR CANCER IN ANIMALS FOUND

Russian Scientist Makes Important Discovery; Treatment Has Not Yet Been Tried on Humans

Esoton, Aug. 22—Discovery of a compound that dissolves and apparently cures cancer in animals in a few days was announced at the 13th International Physiological Congress at Harvard Medical School yesterday, writes Howard W. Blakeslee, science editor, Associated Press feature service.

It is injected into the cancer, and its effect is, quite literally, to cause the malignant cells to breathe themselves to death.

Scientifically, the process is named oxidation, and it means that the abnormal cells get more oxygen than normally filters through to them from breathing through the lungs.

The new angle which this discovery contributes to the fight against cancer is a method of relief by speeding up the natural activities of body cells instead of finding some drug to poison the cancer to death. The president of the congress, Dr. W. H. Howell, of Johns Hopkins University, in reply to a question, said that he considers the method important, but that today's announcement is a report only of preliminary work, and that no prediction can be made as to whether the compound ultimately will be useful to human beings, upon whom it has not yet been tried.

The discovery is the work of a young Russian, Boris Sokoloff, professor of experimental medicine of the Russian University of Prague, Czechoslovakia, at present working as a guest with the Institute of Cancer Research of Columbia University. In addition to scientific work, Sokoloff is writing a novel.

He told the congress his attention had been arrested by the fact that in human beings with cancer, the suprarenal glands of the kidneys show effects apparently traceable to the cancer. An extract of these glands in their healthy state is the basis of his compound. The extract is called corfevol. To it he adds iron and pyrol blue, which is a coal tar product. He said that when injected into the cancer, the pyrol blue in combination with the iron produces so much oxidation that the cancer cells cannot live, and their death begins within a few hours.

The preparation has not yet been observed to affect normal tissues, but it spreads throughout the cancer to the very outer tips of the growth. It has been used on 1,000 rats and mice, having four different types of cancer, including the malignant kind. An average of about 70 per cent of the experimental animals were to all appearances cured, said Dr. Sokoloff, and in some experiments the apparent cures were 100 per cent.

When the apparent cures did not attain 100 per cent, he found too rapid liquefaction of the cancer—a cause of death, and that mortality from this source could be prevented by reducing the doses, so that the curative process was slower.

Speed of the process was striking. He said that the smaller cancers began to liquefy in three to five days, while "larger tumors dissolved slowly, within about 15 days."

"Out of 200 rats," he said, "whose cancerous growth were destroyed two months ago, up to the present time only five have suffered a relapse."

Dr. Sokoloff's theory is that cancer grows in an area which for some reason has been deprived of sufficient oxygen and that a disturbance in endocrine glands may be a cause of starting the growth. The endocrines are ductless glands that produce secretions which medical science recently has found of high importance in regulating health, energy and growth.

## Sunday School Lesson

### EZRA'S RETURN TO JERUSALEM

BY DR. WILL O. GORDON

Topic—Prayer and Providence.

Lesson Text—Ezra 7:1-10; 8:21-23; 9:1-15.

Golden Text—The hand of our God is upon all them that seek him, for good.—Ezra 8:22.

Historic Setting of the Lesson

Ezra the Scribe—Ezra was a Zadokite priest and scribe, specially qualified for the task which he now undertook by his intimate knowledge of the law of Moses. Indeed, the instrument by which he hoped to renovate the religious life of his countrymen in Judea was that Book of the Law. On the death of Xerxes, his son Artaxerxes ascended the Persian throne. In the seventh year of his reign, another body of Jews, to the number of over fifteen hundred set out from Persia to return to the Holy Land. The leadership of this band was conferred upon Ezra, a descendant of Aaron, the high priest, a righteous and God-fearing man. Armed with a royal edict, he set out on his journey in the spring of 458 B. C. with a caravan of over fifteen hundred men, including a number of priests, Levites and Nehemians. Ezra makes his journey, after a brief halt at the river Abayal, for the purpose of united fasting and prayer, the caravan crossed the desert and arrived in Jerusalem safely some time in the month of August, 458. Ezra brought with him rich offerings for the temple, sent by the leading Jews of Babylonia, and even by Artaxerxes himself. The avowed object was to carry out a reform of the temple ceremonial on the basis of the completed lawbook, which was substantially our Pentateuch, but the first task which confronted him was that of dealing with the mixed marriages—an abuse the extent of which was apparently unknown to him before his arrival in Palestine.

Ezra was shocked and grieved to find that many of the leading Jews, and even some of the priests, had married heathen wives. He was determined to check this sin with a sparing hand. He summoned the whole congregation before him and charged them with having transgressed God's command. His emotion found utterance in a penitential prayer, which evidently made a profound impression on the assembled people. Ezra seized his opportunity

imposed on the congregation an oath that the strange wives should be put away. The promise, however, was by no means easy to fulfill on the spur of the moment. A commission of elders was accordingly appointed to investigate the matter, but the number of the offenders was so large that the process of inquiry continued for about three months. Although a great many of the people were aroused by Ezra's zeal, and to have warmly supported his action, there was from the first an influential party in Jerusalem which was hostile to these measures of reform, partly on religious, partly on social and political grounds. For the moment the spirit of puritanism triumphed; many strange wives with their children were expelled, but doubtless Ezra's policy sowed the seeds of bitter resentment and animosity both within and without Jerusalem, and incurred widespread unpopularity by his drastic action in the matter of the mixed marriages, and that he, together with the party of zealots who supported him, gradually lost all influence in Jerusalem. The Bible gives few further details of Ezra's work; but according to tradition, he first, founded the Great Synagogue; second, collected and arranged the books of Scripture as they now exist; third, introduced the present Hebrew characters; fourth, added the vowel points which are yet in use; and fifth, composed portions of the prayers, which are even in common use in the prayerbook of the Jews today.

#### HIGH SCHOOL ENROLLMENT IN STATE EXCEEDS 100,000

Raleigh, Aug. 27—Approximately 110,000 boys and girls were enrolled in the public high schools of the state during the session just closed, it was learned today at the office of the state superintendent of public instruction from a summary of figures taken from the reports of these high schools.

A total of 97,739, or 88 per cent of the 109,975, were white boys and girls. The remaining 13,236 were negro pupils, 3,779 in rural schools and 9,457 in city schools. More than 61,000 of the white children attended rural high schools, and over 35,

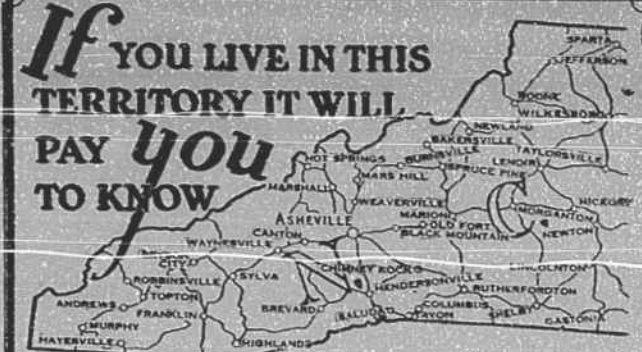
000 attended city schools.

Five years ago, 1923-24, there were only 32,416 rural boys and girls and 26,369 city children, a total of 58,784 boys and girls, seeking a high school education. The largest increase of 83 per cent in number of rural boys and girls taking advantage of the opportunity of a high school education, indicates, according to school authorities, the holding power of the recently erected rural high schools. "Formerly," they say, "more rural boys and girls left the elementary school provided for them without seeking the advantages of a high school education, whereas now these same rural boys and girls in increasing numbers go on to the high schools provided for them."

The past year there were 35,419 children in the eighth grade, 26,335 in the ninth grade, 19,859 in the tenth grade, and 15,137 in the eleventh grade—a total of 96,737, or nearly 7,000 more than in 1927-28.

Kansas City, Mo., Aug. 27.—Seven eggs were left for Ralph Highley and Hugh Dougherty, detectives, by a flock of crafty hens rescued from a band of chicken thieves.

**If YOU LIVE IN THIS TERRITORY IT WILL PAY YOU TO KNOW**



**THAT WE MAKE THE VERY BEST**  
*fine screen Copper Half-tones*  
*Newspaper Half-tones* "Zinc  
*Line Etchings & Color Work*

**The CITIZEN ENGRAVING CO.**  
 Citizen Building  
 Telephone 876 Asheville, N.C.

## Spainhours' Store

Extends to you a most cordial invitation to make their place your Shopping Headquarters while attending court.

Our New Fall Merchandise is now arriving. Of course, we are showing the very latest in Fall and Winter creations.

We are making elaborate preparations to take care of the students—Boys and girls of Watauga and adjoining counties.

Visit our store. It is indeed a pleasure to see you.

Your friends,

## Spainhours' Inc.

BOONE, N. C.

## COMING THIS WEEK

a full carload of Tuxedo Feeds, Roanoke Mills Flour, etc. Our line of Flour, Feed, Corn, Oats and other grains is now complete and we especially invite those attending court to call at our store and get our prices on these products.

We make a specialty of the highest brands of Flour and to all those who are ready to lay in their fall supply,

**WE ARE MAKING THE A SPECIAL WHOLESALE PRICE**

**BOONE FEED CO.**

## Banner Elk SATURDAY

AT 2 AND 8 P. M.  
 ONE DAY ONLY  
 RAIN OR SHINE

# AUGUST 31

## Honest Bill & Moon Bros. Real Trained Wild Animal

# CIRCUS

Featuring Animals, Horses, Dogs, Clowns, Wire Walker, Jugglers, 110 People, Six Camel, Two Baby Camels, Fourteen Lions from four nations, Tigers, Leopards, Hyenas, Bers, Monkeys Herds of Elephants, a big four and a half-ton Elephant for the kiddies to ride, and many other animals. Cowboys, Cowgirls and Indians from the West.

SEE BIG FREE STREET PARADE AT 1 O'CLOCK P. M.

**Boone MONDAY**  
 AT 2 AND 8 P. M.  
 ONE DAY ONLY  
 RAIN OR SHINE

# SEPT. 2