

### DISCOVERY STIRS MEDICAL CIRCLES

#### Synthetic Red Blood Possible as a Cure For an Anemic Condition.

By Dr. O. P. Jacob  
(Associated Press Staff Writer)  
MUNICH (AP)—The recent production synthetically for the first time of haemin, the principal constituent of red color in blood, has stirred medical circles in Germany with hope for future accomplishment.

Haemin carries iron to the tissues. It also carries the indispensable oxygen, without which higher organisms cannot live. It is one of the most important of all elements in animal vitality.

The synthesis was achieved after 17 years of endeavor by Dr. Hans Fischer, professor of chemistry at the Munich polytechnic. While for the moment the discovery is considered of purely theoretical value, Professor Fischer and many other German scientists see in the synthetic production a valuable means of enlightenment on the chemical composition of haemin.

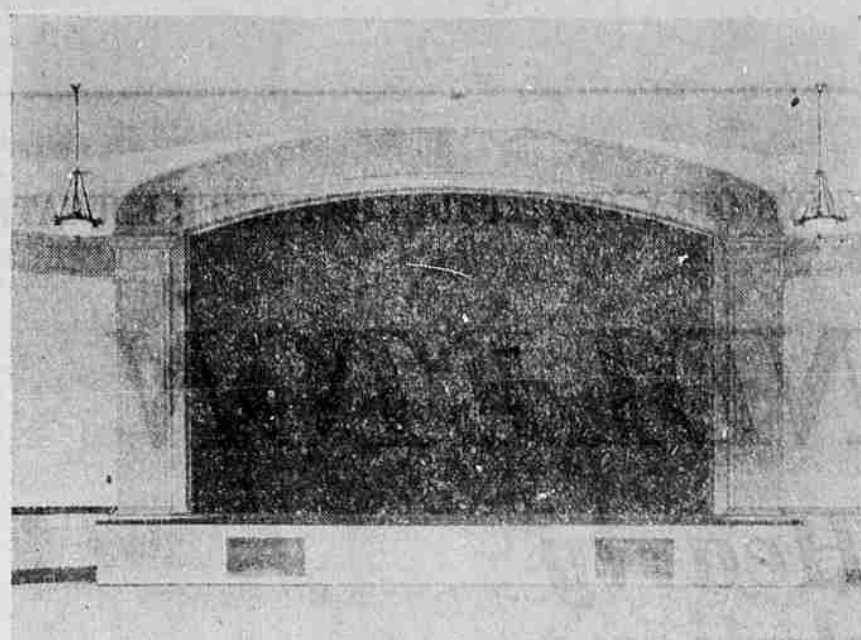
Many believe that Fischer's synthesis may have the way to determining a remedy for cure for anemia and for carbon monoxide poisoning. Anemia is caused by a diminution of haemin in the red blood corpuscles. The gas poisoning is caused by carbonic acid gas entering the blood. There, because it has a greater affinity for haemin than has oxygen, it displaces and prevents the normal process of oxygen use.

For some time a non-synthetic haemin has been made in factories from ox blood, but the value of the chemically made product is its greater purity, knowledge of exactly all the substances composing the synthetic article is highly suited for the precise measurements required in the delicate tests whereby human uses are sought.

In his successful synthesis, Professor Fischer first split a molecule of haemoglobin into a colorless albumin, called globin, and an iron-carrying haemin. The globin continues to be a comparatively unknown substance, but the haemin can be resolved into various chemical groups known as porphyrins.

Fischer and his assistant found various synthetic methods for making such of the porphyrins as are most closely allied to haemin. Then they produced a deuterio-porphyrin to which acetyl was added. Acetyl is a chemical of the alcohol group. After the acetyl step the desired haemin ultimately was derived.

### NORMAL SCHOOL AUDITORIUM AND STAGE



This is an interior view of the spacious Eastern Oregon Normal school auditorium, showing the large and attractive stage which is situated in the north end of the room. The auditorium is on the second floor of the administration building, just above the president's offices.

### Future Rainfall Is Charted By Kansas Educator

By Prof. Chas. H. Williams  
(Secretary, World Federation of Education Associations)  
GENEVA, Switzerland (AP)—Preparations for the third biennial conference of the World Federation of Education Associations, to be held here this summer, have reached the final stage.

Applications for registration still are being accepted. The program, however, and all local arrangements virtually are completed. The accommodations bureau is deep in its task of mobilizing all Geneva to care for 3000 or more educators, of whom approximately 1000 are teachers of the United States.

July 25 President A. O. Thomas, state commissioner of education for Maine, will call to order the first of 10 days of meetings.

The program contains names of men and women of international renown and service, among them Dr. Thomas D. Wood of Columbia university; Dr. I. Nitobe, Japanese senator; Dr. Alfred Zimmermann, one of Europe's leading educators and director of the educational work of the League of Nations; Dr. Gilbert Murray, vice-chancellor of Oxford university, and Lady MacKenzie, distinguished for educational work in Scotland.

There also will be festivals and exhibitions, the opportunity to see the workings of the League of Nations, the sightseeing offered by Geneva and its scenic environs, sports and social events.

A basis for discussion for the international federation of home and school section will be a survey of the parent-teacher movement in 30 countries, prepared and presented by Mrs. Marie Butts of the international bureau of education.

Thus on through the sections. Each is adapting to its own specific interests the common interests in a harmonious world.

In order that these delegates from 60 nations may get to know each other and establish the contacts that are the main value of the gathering, lodges will be worn indicating the language each nation speaks—blue for English, red for French, yellow for German, green for Esperanto, etc.

Incidentally, for the first time in the history of educational conferences, at least one meeting will be conducted wholly in this latter international tongue.

### Oxen His Sales Decoy



By hitching two oxen under an old yoke, Jasper Brown, 60-year-old farmer of Carmel, Ill., has hit upon a sales decoy that has netted him handsome profits. He sells his unusual team alongside the highway and tourists driving by stop to look at them. While they gaze Brown sells them melons.

PARIS FAIR DRAWS MANY EXHIBITS FROM ABROAD  
—Japan is second among the foreign exhibitors with 133 exhibitions. Italy is first with 141 and Russia sent annual trade exhibition, this year 49. Machinery is the biggest exhibit, followed by foodstuffs and building industry.

TEXAS TOWN CLAIMS LOWEST LOSS BY FIRE  
NEW BRAUNFELS, Tex. (AP)—This town of 4,500 claims the minimum insurance premium credit of any place its size.

An ordinance requires roofs of all buildings, even to barns and chicken coops, to be covered with sheet metal or other non-inflammable material. The law was passed one night 25 years ago when a blaze swept through the town.

In the last 10 years New Braunfels has had less than \$100,000 in fire losses. Some years no losses whatever have been reported.

BASKETBALL SQUAD GETS SPRING TRAINING  
BATON ROUGE, La. (AP)—Something new in southern collegiate athletic training—and what may be an universal innovation—is the inauguration this year of spring basketball training at Louisiana State university.

Harry Rabenhorst, L. S. U. coach, says the added spring training for brains and brawn will make for better teams in the regular season.

Michael (Mike) Donahue, former athletic director at L. S. U. and Alabama Polytechnic institute (Auburn) is credited with being the originator of spring football training.

Russia is seeking to attract homeless youths to sea life, and will establish training ships on the Caspian sea.

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ENGLISH CHILD EXPERT TO WORK IN AUSTRALIA  
LONDON (AP)—Dame Janet Levy of health, has been given Campbell, for many years senior leave of absence to organize federal maternity and child welfare work in Australia. Dame Campbell, who probably will leave the early part of the summer, has been freed from her duties in England by the minister of health at the urgent request of the Australian prime minister.

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