

DEAD GERMS ARE USED TO FIGHT INFLUENZA

Grown in Glass Tube and Then
Destroyed by Exposure
to Great Heat.

PRINCIPLE IS CORRECT

Similar Method Used in Fighting
Smallpox, Says **Toronto**
Doctor.

A prominent Toronto doctor today gave The Star an interesting statement on Spanish influenza serum as follows:

"The vaccine which is now being prepared by the Connaught Laboratories and the Provincial laboratories for inoculating purposes, to thus retard the further spread of the Spanish influenza pandemic, is secured after the fashion of all the other vaccines. The principle of vaccination is to inoculate the human system with the dead germs of the disease itself. The Spanish influenza germs are of a vegetable nature. These are secured and grown in a culture tube, with a white transparent jelly as the substance of nutrition. They are destroyed by heat and are injected into the blood stream by means of a hypodermic syringe.

Practised Many Years.
"Inoculation for the prevention of various diseases has been practised for many years. The most important of the earlier discoveries was made by Sir William Jenner in 1796, for the prevention of smallpox. There followed upon that the work of Pasteur, for the prevention of anthrax (wool sorters' disease), and perhaps the next most important discovery was that of Von Bering and Katsas, who originated the method of treating diphtheria with an anti-toxin, and also in 1899, its preventive by the same means.

So far as modern times are concerned, perhaps the most momentous discovery with respect to inoculation for the prevention of disease, was by Sir Almroth Wright, who was responsible for the introduction of typhoid fever vaccine. It had been used before the South African War, unofficially in India, and with such successful results, that the War Office permitted voluntary inoculation of the British Army in South Africa during the war, and careful study of the statistics thoroughly justified the procedure. Since that time inoculation has been practised in hospitals, asylums, institutions, and various armies throughout the world with comparative success.

Dead Germs Used.
"The substance used is called vaccine, which means simply dead germs. In typhoid fever a certain quantity is injected on two or three occasions. This confers an immunity against the foregoing fever, and the use of this vaccine has been largely responsible for the comparative rarity of the disease among the various armies now engaged, where inoculation has been compulsory. The same principle of inoculation has been successfully applied to the ordinary winter cold, and other unhealthy conditions.

Sound in Theory.
Theoretically, the inoculation for the present pandemic of influenza is obviously sound, inasmuch as the vaccine used is prepared practically in the same way as all other vaccines. For an extensive application of the method it would be required, to have the proper vaccine and a sufficient number of individuals who could administer the hypodermic injection. It is obvious that the whole of the population of a large centre could only be reached with difficulty. However, the employees of certain manufacturing and various other institutions, or wherever people are gathered together, could arrange to have this done on a large scale. Physicians could inoculate families and it might be possible to establish Government stations throughout the city and inoculate free of charge. It is much too soon for any definite statement to be made, but it is claimed to be scientifically sound and if it does not do any good it cannot do any harm.

CANADIANS WOUNDED

Are Admitted to Hospital—Lieut. Col. Peck Has Returned to Duty.

London, Oct. 26.—The following wounded Canadians have been admitted to hospital:

At London: Capt. H. G. Wane, thigh; Lieut. G. R. Dingle, thigh, severe; J. Palmer, thigh; G. G. Rooker, thigh; C. P. Inches, leg; Cobham, nose and chest, slight.

At Brighton: Capt. H. Bawry, hand, slight.

Returned to duty: Lieut. Col. C. W. Peck.

TAKE THE LOAN!
(Written in May, 1918.)
Come, freemen of the land,
And give me the great demand,
True heart and open hand—
Take the loan!

For the hopes the prophets saw,
For the sword your brothers draw,
For liberty and law,
Take the loan!

Ye ladies of the land,
Give to the great demand,
Who have drawn a soldier's brand,
Take the loan!
Who would bring them what she could,
Who would give the soldier food,
Who would staunch her brother's blood,
Take the loan!

All who saw her hosts pass by,
All who joined the parting cry,
When we bade them do or die,
Take the loan!

As ye wished their triumph then,
As ye hoped to meet again,
And to meet their gaze as men,
Take the loan!

Who would press the great appeal
Of ranks of serried steel,
Put your shoulders to the wheel,
Take the loan!
That our prayers in truth may rise,
Which we press with streaming eyes,
On the Lord of earth and skies,
Take the loan!

—Edward Everett Hale.

THE STERLING BANK OF CANADA

SAVE, Because

Your job is to make a good living
and make a good living long;
thrift teaches you how.

Fords

Why you should purchase from Gorrie

- (1) We can book an order and delivery anywhere.
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Five Anarchists Imprisoned.

New York, Oct. 26.—Five avowed anarchists, convicted of circulating anti-Government literature, including pamphlets urging munitions workers to go on strike, were sentenced to confinement in prison in the Federal Court here yesterday. Three of them were given twenty-year terms.

No Witnesses There.

No witnesses turned up last night at the inquest into the death of John Irish, and the hearing was adjourned until October 28.

Back To France.

Major Carson McCormack, who ran as soldier candidate in Parkdale at the last general election, is returning to France.

Late Cables From The Zone of War

Turks Evacuating Tabriz.
Washington, Oct. 26.—The Turkish force occupying Tabriz, Persia, is about to evacuate the city, according to a report dated October 22, from Teheran to the State Department.

Croatian Revolt Suppressed.
London, Oct. 26.—The revolt of Croatian soldiers of the 79th Regiment at Fiume has been suppressed by three Austro-Hungarian regiments arriving from Albania, according to an Exchange Telegraph despatch from Copenhagen. There was hard street fighting at Fiume, in which hundreds of persons were killed, the despatch adds.

Jap Forces Reach Irkutsk.
Tokio, Oct. 26.—Japanese troops under command of General Muto arrived at Irkutsk on October 12 and were welcomed by the Russian and Czechoslovak authorities, the War Office announces. This means an advance of about 1,800 miles along the Siberian Railway westerly from Vladivostok.

Serbs Approaching Belgrade.
The Serbian Front (via Saloniki), Oct. 21.—The Serbians, supported by French cavalry, north of Nish are continuing to advance, with Belgrade 80 miles distant.

Important Successes Gained.
With the American Army Northwest of Verdun, Oct. 25.—From a day of extraordinarily severe fighting the Americans emerged to-night slightly in advance of the positions they held yesterday. The gains made are slight, but are regarded as extremely important.

German Reserves Dwindling.

Basel, Oct. 26.—The German War Cabinet considered President Wilson's reply at a lengthy session, according to the Frankfurt Zeitung. It was decided not to answer at the present time, but to wait until it is learned what the entente armistice conditions may be.

German Reserves Dwindling.
With the British Army in France and Flanders, Oct. 25.—The heavy losses which the Germans have sustained since the allied offensive began have forced the enemy to use raw troops brought from the eastern front. The enemy now have 195 divisions on the western front, of which 183 are German infantry divisions, excluding 31 divisions withdrawn after they had suffered severe casualties during the past two weeks, and six Austro-Hungarian divisions. There are only 12 enemy divisions available in reserve on this front, and none of these is fresh.

Unusual Application for Divorce.

London, Oct. 26.—Aspasia Lupu, Creighton Mines, Ont., will make application for divorce on unusual grounds at the next session. She claims that she was forced to marry her husband, Dem Leonte Kinczka, Hamilton, under threats by him, she being then a minor of sixteen years; further, that the marriage took place without the consent of her parents. She also alleges habitual cruelty and grievous assault.

VICTORY LOAN 1918

Dunlop Rubber Company

Subscribes \$1,000,000

WE doubt if the Directors of this Company ever made a quicker decision than when they resolved, on behalf of the Company, to subscribe for **One Million Dollars'** worth of the forthcoming Victory Loan.

¶ This decision, to us, seems to justify the conclusion that the security back of Canada's Victory Bonds is so good that it requires no discussion, and that the appeal to Canadians to buy Victory Bonds is so justifiable that it permits of no alternative.

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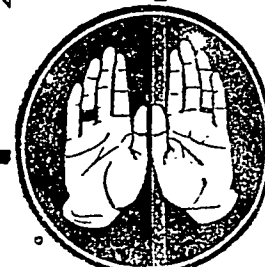
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OBITUARY



TORONTO MEN DEAD.

J. MacGregor, 12 Monroe street (left), who died of pneumonia Wednesday, and J. Robinson, 22 Huron street, whose funeral takes place today.

Reva Breslin.

The funeral took place privately yesterday of Mrs. Reva Breslin, wife of Dr. Louis J. Breslin, from her late residence, 405 Dundas street west. Deceased was 23 years of age and a victim of pneumonia, following an illness of about two weeks. In patriotic and philanthropic work the deceased was one of the most active members of the local Jewish community. She was secretary of the Toronto Hassidic Society and a delegate of the Canadian order. She was also a leader in Red Cross work among the local Jewish women. About 12 years ago she came to Toronto from Rochester with her parents.

The late Mrs. Breslin was an accomplished singer, and at the time of her death was a member of the National Chorus. She was a daughter of Rabbi Nathanson of this city.

Oscar Robillard.

Oscar Robillard was killed early yesterday morning by being jammed between two freight cars at the foot of Church street. He lived at 94 Bond st., was 24 years of age, married, and came to Toronto from Montreal two months ago to secure employment with the C.P.R. as yardman. An inquest is to be held.

W. J. Purse.

The death of William J. Purse, 656 Shaw street, took place yesterday after a short illness from heart failure. The late Mr. Purse was a native of Toronto, and was born on Church street. Throughout his life he retained the kindest interest in the northern part of the city. He was a member of the Yorkville Old Boys' Association, and one of the oldest members of L. O. L. No. 28, Duke of York Lodge, as well as the Dominion Lodge, Canadian Order of Oddfellows.

For years he had held offices of trust in the Centre Toronto Co-operative Association, and was particularly interested in the work of the Irish Protestant Benevolent Society. In his early days he was active in the Orange Young Britons. He is survived by his widow and two sons, Lieut. A. J. Purse, Canadian Engineer, and Harry W. 63 Riverdale avenue. The funeral will take place on Sunday to Mount Pleasant.

William T. A. Ross.

At Wesley Hospital, on Thursday, the death occurred from influenza of William T. A. Ross, at the age of 46 years. The late Mr. Ross, who was in the car and delivery business in

Toronto, had suffered many tragic events throughout his life of late. Six years ago his only child, a little girl, died; two years later his father dropped dead on Dufferin street, and two years after that his wife dropped dead in Buffalo, N.Y. The late Mr. Ross was a member of Canada Lodge, A. F. & A. M., of L. O.

L. No. 137, and of Royal Preceptory of Black Knights, No. 96. Surviving him are two sisters, Mrs. Smedley and Mrs. Marshall, both of Toronto, and two brothers, J. A. Ross, of 63 Yorkville avenue, and Charles, in France. The mother of the late Mr. Ross is at present lying dangerously ill of influenza.

An Injured Cadet.
Suffering from spinal injuries received a week ago in an airplane crash at Camp Borden, Cadet Geo. Poudrette, of Farnham, Que., was admitted to the General Hospital ward of the Royal Air Force.



Mrs. A. Burnett.

Toronto Lady Makes Affidavit

MRS. BURNETT has sent in this letter from a generous desire to serve others by giving them the benefit of her experience. Her sufferings resulted from a greatly rundown nervous system, and because she was a long time in finding a cure, she feels that she can now point others to the way of health. This letter came entirely unsolicited, and in order that strangers might fully realize the sincerity of Mrs. Burnett's statement we had her verify her letter before a Commissioner.

Mrs. A. Burnett, 303 1/2 Gerrard street east, Toronto, writes: "I really feel it a public duty on my side to state, and without the slightest fear of contradiction, the wonderful benefits I have received from your remedy, Dr. Chase's Nerve Food. I am a woman now in the prime of life, and I don't think any of my sex have suffered the agony that I have. I can give proofs of doctors who have advised and given medicine to me, but none have ever come near the relief that I have gained since taking your Nerve Food. Without doubt it is as represented, a sure cure. I am a younger woman by far since I have taken them. I always was dizzy, shaking and sick, with a shocking, splitting headache. Dr. Chase's Nerve Food has made me a different woman. I shall always tell any of my friends who are run down to get this Food cure, as I consider it is worth its weight in gold."

Province of Ontario, To Wit:

I, Alice Burnett of the City of Toronto, in the County of York, married woman, do solemnly declare:

(1) That I am the Mrs. A. Burnett whose signature appears at the bottom of the within letter.

(2) That the statements made by me in the within letter are in every respect true.

And I make this declaration, conscientiously believing it to be true and knowing it to be of the same force and effect as if made under oath and under and by virtue of the Canada Evidence Act.

Declared before me at the City of Toronto, in the County of York, this 9th day of October, 1917.

(Sgd.) ALICE BURNETT.

Daniel J. O'Donoghue, a Commissioner, etc.

This statement will come as a message of hope to many thousands of women who are suffering somewhat as Mrs. Burnett did. There is every reason to expect equally good results in your own case, because Dr. Chase's Nerve Food cures in Nature's way by forming new tissues and building up the exhausted system.

For this very reason a little patience is required in using this treatment. Do not expect too much from the first box, but it will not be long before you will experience benefits that will encourage you to use the Nerve Food regularly until restoration is complete. Dr. Chase's Nerve Food, 50 cents a box, all dealers, or Edmanston, Bates & Co., Ltd., Toronto. Look for the portrait and signature of A. W. Chase, M.D., the famous Receipt Book author, on the box you buy.

Build Up Your Rundown System

If you have had the "Flu" you realize the debilitated, disordered condition your system has been left in by the poisoning effects of this disease. To restore your energy and renew your vitality a good tonic is essential. The tonic necessary is found in

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IMPERIAL BEVERAGES ALE, LAGER and STOUT

O'Keefe's contain the strengthening, nutritious properties of well-brewed malt and hops. As body-building, strength-restoring tonics they are unexcelled. Pleasant to taste and harmless in effect, O'Keefe's are recognized by all as the proper tonics to combat those depressing, after-Flu effects.

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