

coli to a glass tube filled with chemically pure water, which is a germicide, as it affords no nourishment for the microbes. Yet that didn't kill the bacteria. In the period stated they had prospered and increased.

The explanation given is that as soon as the water became tinged, however slightly, with alkali detached from the inner wall of the test tube it lost its germicidal properties, and those bacteria that had succumbed at first provided food for the survivors.

A striking experiment was that made with bacteria of cattle disease, which 17 years ago was preserved, baked and dried on silk threads. They were supposed to be quite dead, but after they were transferred to a slab of gelatine it was found that after this long period of inactivity they soon took nourishment and were as virulently poisonous as ever.

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#### DR. J. W. DANIEL, EX-M.P., CALLED TO THE SENATE.

To replace Hon. Josiah Wood, appointed Lieut.-Governor of New Brunswick, Dr. John W. Daniel, ex-M.P. for St. John, N.B., has been called to the Senate.

The new Senator was born at St. Stephen, N.B., in 1845, and entered the House at a bye-election for St. John City in 1904. At the general election that year he was returned, and also in 1908. In the September elections he ran for the city and county constituency of St. John and was returned, but resigned shortly afterwards to provide a seat for New Brunswick's Cabinet Minister, Hon. Mr. Hazen.

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#### AN ACT TO AMEND THE MEDICAL PROFESSION ACT.

[Assented to December 20, 1911.]

HIS Majesty by and with the advice and consent of the Legislative Assembly of the Province of Alberta enacts as follows:

1. Section 33 of *The Medical Profession Act*, being chapter 28 of the Statutes of Alberta, 1906, is hereby amended by striking out all the words in the said section after the word "contained" in the sixth line thereof to and including the word "Alberta" in the ninth line thereof and by striking out all the words in the said section after the word "practice" in the thirteenth line thereof to and including the word "except" in the fourteenth line thereof.

2. Section 35 of the said Act is hereby repealed and the following substituted therefor: