

mentioned : 1. Those taken into the system, as alcohol, cocaine, morphia. 2. Those generated within the system, as the poisons of syphilis, rheumatism, influenza, and other infections. 3. Those formed as the results of disordered metabolism, as in Bright's disease, diabetes, myxedema. 4. Those that arise in connection with the digestive canal, in consequence of functional derangements of these organs. The fact that under proper treatment so many cases of acute insanity recover, is very strong proof that these attacks are due to a temporary cause, and that there is no organic disease of the brain.

In cases of acute delirious mania cultures of staphylococcus pyogenes albus, and aureus, and micrococcus tetragenus have been found. Other organisms have been also found. It has been made a matter of close study that in acute insanity the gastric juice, urine, and sweat possess specially toxic qualities. In many cases great benefit has arisen from the washing out of the stomach and other eliminative plans of treatment.

CANADIAN MEDICAL ASSOCIATION.

We are pleased to be able to say that arrangements for the Winnipeg meeting (August 28th to 31st next) are progressing favorably. From what we can learn the gathering promises to be large and representative. Dr. O. M. Jones, F.R.C.S. (Eng.), Vancouver, will deliver the address in surgery, and Dr. J. R. Jones, Winnipeg, the address in Medicine. Several interesting discussions are arranged for, and the social side is being looked after as only a western city can do it.

There is to be an outing to Fort Garry, and on Saturday, the 31st August, an excursion to Brandon given by the profession of the Prairie City.

The railways have promised a single fare return rate on the certificate plan, good going August 20th to 28th, and good to return, leaving not later than September 15th. If the all-rail going trip is taken, and one desires to return by the lake route a ticket will be issued on payment of \$4.25, just enough to include meals and berth. If one desires to return by rail the ticket is issued *free*. This makes it possible for every one to attend, and a large number should, for we all have friends who