

of a typhoid anti-toxic serum has proved, up to quite recently, disappointing. We can, however, now say that we have at hand an active, though by no means perfect, prophylactic in the shape of sterile cultures of the bacillus, as well as the immune horse serum, and that there is the prospect at least of ultimately obtaining a positively curative serum.

"4. *Anti-streptococcus serum*.—This has been used quite extensively within the last two years; its action is a strictly specific one, and when other micro-organisms are present its action is exerted, as always, on the streptococcus infection alone.

"5. *Anti-pneumococcus serum*.—No positive judgment can be registered with regard to the value of this theory in pneumonia.

"6. *Anti-plague serum* seems to have accomplished valuable results. Following Haffkine's preventive inoculation with the vaccine, which reduced the percentage of cases to one-twentieth of the number that occurred in the unvaccinated, came the announcement of Yersin's serum. Calmette states with regard to this that, whereas the mortality before its use was 33 per cent. in 104 cases studied by him, it was 13 per cent. as the result of serum treatment.

"7. *Anti-tubercle serum*.—Statistics based on clinical and experimental evidence appear to show that in the serum treatment we have an adjuvant in the treatment of tuberculosis which, if used early, may result in cure, and even when used late may retard the morbid process and promote healing.

"8. *Antivenene*.—It seems settled that antivenene is of decided use in all cases of snake-bite; its action is directed against the nervous rather than the irritative and tissue-destroying principle in the venom."

#### HAY FEVER.

It is the season of "hay fever," and sufferers from it may be glad to hear that Professor Dunbar, Director of the Hygienic Institute of Hamburg, has traced the source of it to a toxic principle of the pollen of grasses and various flowers. Roses and other fragrant flowers do not seem to yield it, but they have an etiological action in crises of hay fever. Dr. Dunbar has also drawn from this toxine an antidote, or anti-toxine. The alcoholic extract of the toxine is injected into the veins of horses, and it renders the serum of their blood anti-toxic.

## Appointments.

### MATRONS.

Miss F. E. Gardner has been appointed Matron of the Manchester Hospital for Consumption and Diseases of the Throat and Chest. She was trained at the Royal Infirmary, Derby, and has held the position of Matron at the Birmingham and Midland Sanatorium for nine years, and lately that of Matron at the Nordrach-on-Dee Sanatorium.

### ASSISTANT MATRON.

Miss Catherine Marie Duffy has been appointed Assistant Matron at the Lodge Moor Hospital, Sheffield. She was trained at the Royal Albert Edward Infirmary, Wigan, and has held the position of Sister at Park Hill Hospital, Liverpool, and of Night Superintendent at Lodge Moor Hospital, Sheffield.

### SUPERINTENDENT NURSES.

Miss Hilda Lea has been appointed Superintendent Nurse at the Workhouse Infirmary, Lincoln. She was trained at the Brownlow Hill Infirmary, Liverpool, and has been on the private nursing staff of the Royal Berks Hospital, Reading.

Miss Elizabeth Wilson has been appointed Superintendent Nurse at the Union Infirmary, Dudley. She was trained at St. George's Infirmary, Fulham.

### SISTERS.

Miss Hannah Mellor has been appointed Sister at the Victoria Hospital, Blackpool. She was trained at the Royal Infirmary, Sheffield, where she subsequently held the post of Staff Nurse.

Miss Jessie Price has been appointed Sister of the Male Wards at the Aston Union Infirmary, Gravelly Hill, near Birmingham. She was trained at the Salford Union Infirmary.

## League of St. Bartholomew's Hospital Nurses.

The following certificated nurses have been elected members of the League:—

Miss Maud E. Scruby.  
Miss Ada S. Tovey.  
Miss Ethel W. Higginson.  
Miss Winifred A. Brierley.  
Miss Ethel Renant.  
Miss Mabel G. Barker.  
Miss Ann M. J. Stewart.  
Miss Mildred H. Smith.  
Miss Mildred Pank.  
Miss Elizabeth Follitt.  
Miss Madeline Nutt.  
Miss Florence Leppard.  
Miss Dora L. T. Moore, I.A.N.S.

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