

SCIENTIFIC PROCEEDINGS.

ABSTRACTS OF REPORTS.¹

First meeting.²

*Laboratory of Physiological Chemistry of Columbia University,
at the College of Physicians and Surgeons. February 25, 1903.*

1. "An experiment to show the difference in effect between the simple cutting of the cervical sympathetic and the removal of the superior ganglion," with demonstrations: **S. J. MELTZER.**

The author presented a rabbit in which the cervical sympathetic had been cut on one side, and the superior ganglion had been removed on the other side. Both pupils were of the same size. About two hours before the demonstration one hind leg was tightly constricted and 1 cc. of adrenalin solution injected into it (peripheral to the ligature). On removal of the ligature the pupil on the side from which the ganglion had been excised became greatly dilated, while the pupil on the other side remained unaffected.

2. "Differentiation of monkey blood from human blood by the precipitin serum test," with demonstrations: **JAMES EWING.**

It has been known for some time that the serum of an animal immunized against a particular alien blood will precipitate proteids, not only in the particular blood used in the immunization, but also, to a lesser degree, in the blood serum of closely related animals. Thus the serum of a rabbit immunized against ox blood will precipitate proteids not only in ox blood but also in sheep and goat blood, etc. It is only when the anti-serum is diluted to a considerable degree that the precipitate forms only in the particular blood used in the immunization. This dilution, as a rule, must be as high as 1-50. In a series of tests with various human-

¹ The authors of the reports have furnished the abstracts. The secretary has made only a few abbreviations and minor alterations in them.

² Reprinted from *Science*, 1903, xvii, p. 468 and *American Medicine*, 1903, v, p. 707.