

completed Kahn tests to determine whether sera giving positive precipitation reactions would give positive complement fixation reactions. Of 1800 sera tested, it was found that 98 per cent gave either identical or approximate results with the precipitation and complement fixation methods. The remaining 2 per cent showed disagreement. This is believed to be due to technical factors rather than to lack of identity of the "antibodies." The work is being continued with a view of reducing this variation.

It is believed that the combination of the hemolytic system with the Kahn test might offer a desirable complement fixation procedure in place of the Wassermann test in laboratories where it is employed parallel with the Kahn test.

¹ Zinsser, H., "Infection and Resistance," 3rd Edition, McMillan, New York, 1923, p. 317.

² Jacobstahl, E., Chapter in Carl Bruck: Serodiagnose der Syphilis, Julius Springer, Berlin, 1924, p. 305.

³ Kafka, V., *Dtsch. med. Wochenschr.*, 1921, xlvii, 269.

⁴ Keining, E., *Dtsch. med. Wochenschr.*, 1921, xlvii, 157.

⁵ Kahn, R. L., "Serum Diagnosis of Syphilis by Precipitation," Williams and Wilkins, Baltimore, 1925, p. 148.

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Relation of Internal Secretion of Ovaries to Cholesterol Metabolism.

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Pig ovary follicle fluid injected into normal female cats caused a decrease in the blood cholesterol. This decrease did not occur in male cats. Ovariectomized cats showed an increase in the blood cholesterol. This increase can be reduced by the injection of pig ovary follicle fluid and also by ovarian extracts shown to be active by the vaginal smear method. This work shows that the ovarian hormone regulates the cholesterol content of the blood. Ovarian extract injected into male animals does not influence the cholesterol content of the blood. The results are to be made use of as a chemical method of standardizing the activity of the ovarian hormone in extracts.

This is a preliminary report.