

REPORT TO THE DEAN OF THE MEDICAL FACULTY
ON WORK PERFORMED DURING 1931-32 IN THE
DEPARTMENT OF PHYSIOLOGY UNDER THE
DIRECTION OF Dr. B. P. BABKIN.

Read at the Faculty Meeting, Dec. 7, 1932.

In the section of the Physiological Laboratory which is under my direction, experimental research work was conducted during the session 1931-1932 on the same lines as before. We continued the investigation of the mechanism of the activity of the gastro-intestinal tract, that is, its secretory and motor functions. The gastro-intestinal tract presents great opportunities for physiological research. The study of the work of the digestive glands and of the muscles of the alimentary canal is very interesting in itself, but at the same time this complicated organ permits us to investigate the fine mechanism of the nervous system and of humoral agents, as well as the influence of circulatory changes and of the "internal medium" on the secretory and motor elements.

The study of glandular function gives the investigator another and rare advantage. Secretory activity is manifested by definite visible microscopical changes of the glandular elements. Therefore the physiologist has an exceptional opportunity of checking his findings by histological investigation. Thanks to the kindness of Professor Simpson and his staff and to their interest in our work, we have had the advantage of their co-operation in our research.

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