

REPORT TO THE DEAN  
OF THE  
RESEARCH WORK IN THE DEPARTMENT OF BIOCHEMISTRY.  
DURING THE CURRENT YEAR-1932.

The research work which is being carried on in this Department at present may be considered under the following heads:

1. Parathyroid Physiology.
  2. Sex hormones.
  3. Anterior pituitary lobe physiology.
  4. Thyroid hyperplasia.
  5. Assay of cortical hormone.
  6. Modification of insulin effects.
  7. Growth of transplantable tumours.
1. Parathyroid Physiology - Doctors Pugsley and Selye have continued their studies of calcium metabolism and bone histology respectively and their results have cleared up in very large measure some of the hitherto obscure points in parathyroid physiology.
  2. The work on the sex hormones has been continued and very definite progress has been made in regard to the better understanding of the chemical nature and the physiological significance of the various oestrogenic agents.
  3. As a result of the perfection of a method of hypophysectomy in the rat by Doctor Hans Selye, it has been possible for us to study in considerable detail the effects of complete