

that the following pages may serve as a useful review of a part of the work that has recently been done.

Since it is obviously most important that cases of incipient diabetes be diagnosed early, chapters on examination of the urine for traces of sugar, on the behaviour of sugar in the blood, and on assimilation limits, have been included in the book.

The recent work on the chemical processes involved in the production of sugar out of protein, and possibly also out of fat, that occur in severe cases of diabetes has been briefly reviewed in the concluding chapter. The subject of diabetic coma is omitted, since but little new light has been thrown on this condition by recent experimentation on animals.

To those who are primarily interested in the experimental investigations in this field which have been so numerous during recent years it should be pointed out that the researches of the author and his collaborators form the basis of the book, although an earnest endeavour has been made to incorporate the results obtained by other workers. It is hoped that no serious omissions have been made in this connection.

In conclusion, I desire to take this opportunity of thanking my collaborators, Drs. H. O. Ruh and R. G. Pearce, and Messrs. C. D. Christie and W. W. Donaldson, and my technician, Mr. E. Warnick, for their valuable assistance in the work. More especially are my thanks due to Dr. R. G. Pearce, who has been most closely associated with me, and who has, besides, kindly prepared the index. To Professor Elmer Stoll I am greatly indebted for his careful revision of the proofs.

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