

# **THE SECRETION OF THE URINE**

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The secretion of the urine by Arthur R. Cushny

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**ARTHUR R. CUSHNY**

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OF THE URINE**



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# THE SECRETION OF THE URINE

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## EDITOR'S PREFACE.

IN no science is the advance at any one time general. Some sections of the line are pushed forward while other parts may remain for years with little movement, until in their turn they are enabled to progress in consequence of the support afforded by the advance of the adjacent sections. The increasing number of series of monographs in different sciences is a recognition of this fact, as well as of the concentration of interest which characterizes this age of specialization.

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ERNEST H. STARLING.



TO COLONEL STARLING, M.D., F.R.S., ETC.,  
BRITISH EXPEDITIONARY FORCE.

MY DEAR STARLING,

I have now completed the task which you allotted me in your capacity as editor of this series, and which I have found more burdensome than I expected. The growth in the literature on the kidney has been extraordinary since the time when you and I began to work on it, and this increase in bulk has not gone along with an improvement of quality, but rather the reverse. No other organ of the body has suffered so much from poor work as the kidney, and in no other region of physiology does so much base coin pass as legal tender. It was therefore necessary to sift thoroughly this mass of printed matter of over 6000 pages, and I have read it carefully and, as far as might be, sympathetically, though I must confess that my patience has been sorely tried by some papers in which the depth bore no proportion to the length. It soon became obvious that if each writer were to be dealt with faithfully, this would be, not a monograph, but a series of volumes, and the whole trend of the argument would be lost in a tangle of discussions. I have therefore had to dismiss very shortly some papers which were obviously of low value, while others, which seemed equally inconclusive but which have obtained a wider currency, required more consideration. The more important views have been adequately presented, I trust, though the space given them has been curtailed by the necessity