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Role of the Urinary Bladder in Water Metabolism — How Does the Bladder Absorb Urine?

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Introduction

Previous clinical reports suggested that the human bladder affects the secretion of arginine vasopressin (AVP) and the rat bladder absorbs urine and small solutes. We hypothesized that: [1] filling of the bladder induces AVP secretion; [2] AVP induces water absorption in the bladder; and [3] water absorption in the bladder is associated with solutes. The aim of the study was to investigate these hypotheses by performing rat experiments.



solutes such as electrolytes.

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