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Daidzein upregulates anti-aging protein Klotho and NaPi 2a cotransporter in a rat model of the andropause

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Abstract

In a rat model of the andropause we aimed to examine the influence of daidzein, soy isoflavone, on the structure and function of parathyroid glands (PTG) and the expression levels of some of the crucial regulators of Ca^{2+} and Pi homeostasis in the kidney, and to compare these effects with the effects of estradiol, serving as a positive control.

Middle-aged (16-month-old) male Wistar rats were divided into the following groups: sham-operated (SO), orchidectomized (Orx), orchidectomized and estradiol-treated (Orx+E; 0.625

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