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Sex-dependent differences of mineralocorticoid system activity in melanocortin obesity in Ay mice

Agouti yellow mice (Ay) with melanocortin obesity is a convenient model for studying of the molecular mechanisms of non-dietary type of obesity. It has been shown recently that mineralocorticoid system played an important and sex dependent role in obesity development. Complications associated with it often led to the chronic heart and renal failure. However, sex dependent characteristics of the mineralocorticoid system activity at this type of obesity have not been adequately studied. The aim of this work was to investigate the expression of mineralocorticoid receptor (MR) and aldosterone level in

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