Exclusion criteria

- Impaired renal function
- history of cardiovascular disease
- uncontrolled hypertension
- current inflammatory disease
- malignancy
- current pregnancy
- diabetes in healthy controls detected by OGTT (75 g)
- all phases of the menstrual cycle except early follicular phase of (day 4-6) in fertile women

Suppl. Table 1. Exclusion criteria in the human study.

Exclusion was based upon the following parameters: biochemical screening, patient’s history or functional testing.