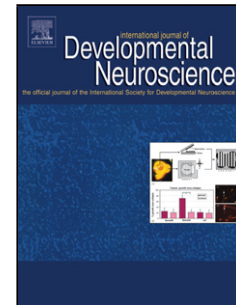


## Accepted Manuscript

Title: Sex-dependent difference in the relationship between adipose-tissue cholesterol efflux and estradiol concentrations in young healthy humans

Authors: Fatima Iqbal, William J. Durham, Ayyash Melhem, Saleem Raslan, Tony T. Tran, Traver J. Wright, Rabia Asghar, Ken Fujise, Elena Volpi, Labros Sidossis, Nicola Abate, Melinda Sheffield-Moore, Demidmaa Tuvdendorj



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**Highlights:**

- The prevalence of vascular dementia is higher in men.
- The prevalence of type 2 diabetes and cardiovascular diseases is higher in men too
- High density lipoprotein cholesterol (HDL-C) is lower in men
- Adipose tissue cholesterol efflux is important for formation of HDL-C
- Sex hormone estrogen maybe a determinant of cholesterol efflux in women but not men

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