Supplementary Material

The antioxidant curcumin postpones ovarian aging in young and middle-aged mice

Saeideh Hasani Azami^A, Hamid NazarianA, Mohammad Amin Abdollahifar^A, Fatemeh Eini^{B,E}, Mehdi Allahbakhshian Farsani^C and Marefat Ghaffari Novin^{D,E}

^ADepartment of Biology and Anatomical Sciences, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Postal code: 1985717443.

^BFertility and Infertility Research Centre, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. Postal code: 7919915519.

^cLaboratory Haematology and Blood Bank Department, Faculty of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Postal code: 1971653313.

^DCellular and Molecular Biology Research Centre, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Postal code: 1985717443.

^ECorresponding authors. Emails: mghaffarin@sbmu.ac.ir; feini13@gmail.com

File S1. (A–I) The histological micrograph ovaries from each group of H&E-stained mice; the morphological changes included increased volume of the ovary and follicle number detected in the ovaries treated with curcumin (A–I, magnification ×20, Scale bars = 50 μ m and E–H, magnification ×10, scale bars =100 μ m).



Fig. S1. (A–I) The histological micrograph ovaries from each group of H&E-stained mice; the morphological changes included increased volume of the ovary and follicle number detected in the ovaries treated with curcumin (A–I, magnification ×20, Scale bars = 50 μ m and E–H, magnification ×10, scale bars =100 μ m).