


Supplementary Information for

Adipose Tissue-Derived Mesenchymal Stem Cells alter Metabolites of Brain Cholesterol Homeostasis in An Alzheimer's Model

Mehrnaz Karimi Darabi, Ph.D.^{1, 2, 3}, Zahra Nazari, M.Sc.^{1, 2, 3}, Arash Rafeeinia, Ph.D.⁴, Seyedeh Pardis Pezeshki, M.Sc.^{1, 2, 3}, Alireza Kheirollah, Ph.D.^{1, 2, 5}, Yaghoob Farbood, Ph.D.^{6, 7}, Maryam Adelipour, Ph.D.¹, Shirin Azizidoost, Ph.D.⁸, Maryam Cheraghzadeh, Ph.D.^{1, 2*} 

1. Department of Clinical Biochemistry, Faculty of Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
2. Cellular and Molecular Research Center, Medical Basic Sciences Research Institute, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
3. Student Research Committee, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
4. Sirjan School of Medical Sciences, Sirjan, Iran
5. Surgery Department, Geisel School of Medicine at Dartmouth, Hanover, NH, United States
6. Department of Physiology, Faculty of Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
7. Persian Gulf Physiology Research Centre, Basic Medical Sciences Research Institute, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
8. Atherosclerosis Research Centre, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

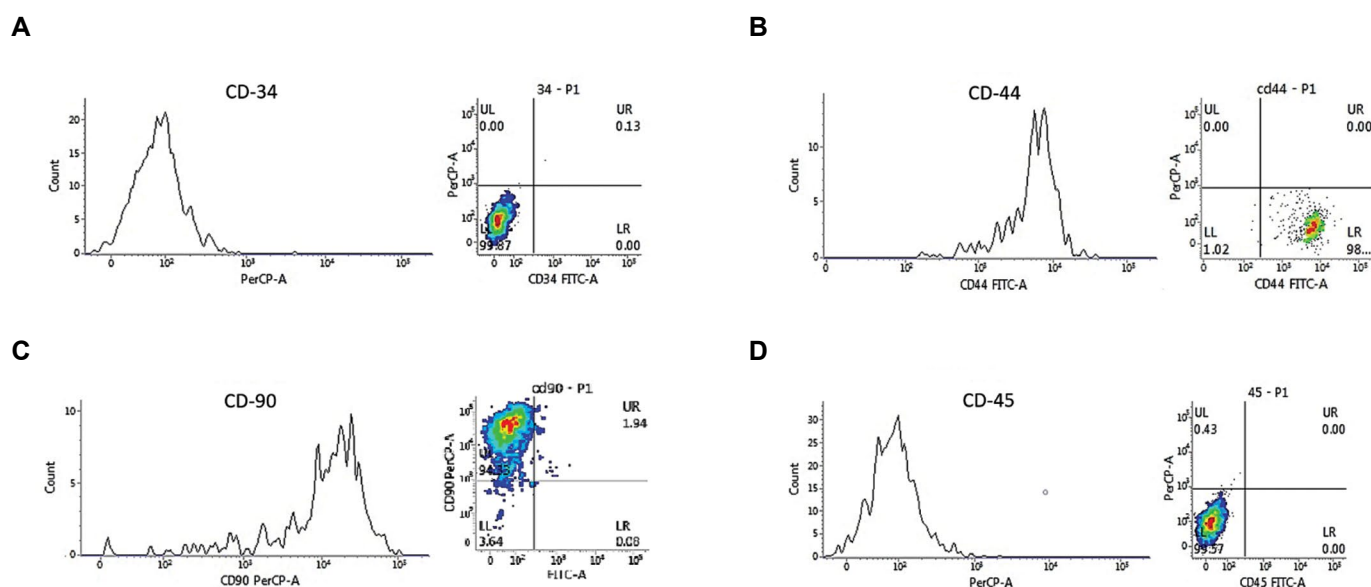


Fig.S1: Flow cytometry results of mesenchymal stem cells (MSCs) extracted from adipose tissue.