عنوان فارسی مقاله:

مبایعات تجمع چربی‌های کاهش کلسترول خون در microRNA-212 ماکروفاژ‌های انسانی THP-1 با هدف قرار دادن SIRT1 می‌شود

عنوان انگلیسی مقاله:

microRNA-212 promotes lipid accumulation and attenuates cholesterol efflux in THP-1 human macrophages by targeting SIRT1

توجه!

این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
Discussion

miR-212 is deregulated in a variety of pathological processes [15,20,21]. For instance, miR-212 is downregulated in prostate cancer tissues and serves as an inhibitor of angiogenesis and cellular senescence [20]. This miR is overexpressed in non-alcoholic fatty liver and reduced after exercise intervention in a mouse model, suggesting its implication in hepatic lipid metabolism [21]. Previous studies have demonstrated that miR-212 participates in the regulation of macrophage response after inflammatory stimuli [14,22]. In this work, we demonstrated that miR-212 was upregulated in atherosclerotic lesions and macrophages in apoE<sup>−/−</sup> mice fed the HFD, suggesting its involvement in atherogenesis. In line with our results, a previous study has demonstrated that serum miR-212 levels are significantly increased in patients with atherosclerosis [23]. Given the importance of macrophages in the progression of atherosclerosis [1].