Letter on Effect of Rosmarinic Acid and Alcohol on Fat Graft Survival in Rat Model

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Sir,

We read with great interest the article entitled “Effect of Rosmarinic Acid and Alcohol on Fat Graft Survival in Rat Model” by Cin B et al. [1] in *Aesthetic Plastic Surgery*. In this article, the authors conducted a preclinical study on the effects of rosmarinic acid on fat graft survival in the rat model for autologous fat grafting. The authors confirmed the positive effects of rosmarinic acid and ethanol on fat survival via weight, volume, histopathologic, and serum analysis.

In this study, the extent of inflammation in grafts was determined by assessing lymphocyte infiltration. We think it is inaccurate because it has been reported that inflammation in grafts is mainly due to macrophage infiltration [2].

Additionally, in figure 4, we can see significant infiltration of inflammatory cells; however, we see few structurally intact adipocytes.

In this article, the authors said perilipin or calcein immunofluorescence staining is popular to show adipose cells and membranes. Perilipin 1 is adipocyte-specific because it is located at the surface of cytosolic lipid

droplets in adipocytes [3]. However, calcein immunostaining is not specific for adipocytes.

Compliance with Ethical Standards

Conflict of interest The authors declare that they have no conflict of interest to disclose.

Human and Animal Rights This article does not contain any studies with human participants or animals performed by any of the authors.

Informed Consent For this type of study, informed consent is not required.

References

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