

Interferon-beta changes the expression of IL10, IL23A and FOXP3 on Multiple Sclerosis patients' T cells

Short Title: Interferon-beta changes gene expression on T cells

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Hazal Gezmis and Tansu Doran performed the experiments and wrote this paper. Dr Deniz Kirac and Hazal Gezmis designed the study. Dr Fusun Domac Mayda determined the eligibility of MS patients and collected the blood samples. Dr Rahsan Oz contributed to writing this paper. Dr Deniz Yucel collaborated on *in vitro* study design and the evaluation of the results. This work was supported by the Scientific and Technological Research Council of Turkey (TÜBİTAK) [SBAG-216S828]. We are grateful to Dr Gamze Torun Kose for their support on study design, Dr Omer Faruk Bayrak and Emre Can Tuysuz for performing FACS.

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