Conclusion: The decrease of Treg cells was found in PM/DM accompanied by lower serum IL-2, which should be associated with the pathogenesis of PM/DM. Meanwhile, various pro-inflammatory T cells also showed a downward trend with or without significant difference, indicating PM/DM is caused by immunodeficiency rather than hyperimmunism. Id-IL2 combined with conventional therapy could restore the reduction of CD4 Treg cells and help to alleviate disease activity.

REFERENCES: