

Gut Microbiota Role in Thyroid Auto Immunity

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 Virili C, Fallahi P, Antonelli A, Benvenga S, Centanni M (2018) Gut microbiota and Hashimoto's thyroiditis. Rev Endocr Metab Disord 19(4):293-300.

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- Umar H, Muallima N, Adam JM, Sanusi H (2010) Hashimoto's thyroiditis following Graves' disease. Acta Med Indones 42(1):31-55.
- Knezevic J, Starchl C, Tmava Berisha A, Amrein K (2020) Thyroid-Gut-Axis: How Does the Microbiota Infuence Thyroid Function?. Nutrients 12(6):17-69.
- Wiebolt J, Achterbergh R, den Boer A, Suelmann B, de Vries R, et al (2011) Clustering of additional autoimmunity behaves diferently in Hashimoto's patients compared with Graves' patients. Eur J Endocrinol 164(5):789-794.
- Virili C, Stramazzo I, Centanni M (2021) Gut microbiome and thyroid autoimmunity. Best Pract Res Clin Endocrinol Metab 35(3):101-506.
- Mori K, Nakagawa Y, Ozaki H (2012) Does the gut microbiota trigger Hashimoto's thyroiditis?. Discov Med. 14(78):321-326.
- Zhao F, Feng J, Li J, Zhao L, Liu Y, et al (2018) Alterations of the Gut Microbiota in Hashimoto's Thyroiditis Patients. Thyroid 28(2):175-186.
- Frohlich E, Wahl R (2019) Microbiota and Thyroid Interaction in Health and Disease. Trends Endocrinol Metab. 30(8):479-490.
- Su X, Zhao Y, Li Y, Ma S, Wang Z (2020) Gut dysbiosis is associated with primary hypothyroidism with interaction on gut-thyroid axis. Clin Sci (Lond). 134(12):1521-1535.
- Kohling HL, Plummer SF, Marchesi JR, Davidge KS, Ludgate M (2017) The microbiota and autoimmunity: Their role in thyroid autoimmune diseases. Clin Immunol.183:63-74.