

References For Considering The Male vs Female Microbiomes

Sex differences and hormonal effects on gut microbiota composition in mice, Elin Org et al, Gut Microbes <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4988450/>

Haro C, Rangel-Zúñiga OA, Alcalá-Díaz JF, et al. Intestinal Microbiota Is Influenced by Gender and Body Mass Index. *PLoS One*. 2016;11(5):e0154090. Published 2016 May 26.

doi:10.1371/journal.pone.0154090

<https://www.acs.org/content/acs/en/pressroom/presspacs/2017/acs-presspac-november-1-2017/nicotines-hold-what-the-gut-and-gender-have-to-do-with-it.html>

Steroids, stress and the gut microbiome-brain axis, M. J. Tetel et al, Journal of neuroendocrinology, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6314837/#!po=3.12500>

Cardiovascular Disease Risk Factors and Myocardial Infarction in the Transgender Population, Talal Alzahrani et al, Circulation: Cardiovascular Quality and Outcomes. 2019;12:e005597

The Impact of Gut Microbiota on Gender-Specific Differences in Immunity. Fransen F et al, Front Immunol. 2017 Jun 30;8:754.

<https://www.bmj.com/company/newsroom/study-shows-increased-risk-of-breast-cancer-in-transgender-women/>

The microbiome regulates amygdala-dependent fear recall A E Hoban et al, Molecular Psychiatry 2017 volume 23, pages1134–1144(2018)

Sex hormones in the modulation of irritable bowel syndrome. Mulak A, Taché Y, Larauche M. *World J Gastroenterol*. 2014;20(10):2433–2448. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3949254/>

Stimson, R. H., Johnstone, A. M., Homer, N. Z., Wake, D. J., Morton, N. M., Andrew, R., & Walker, B. R. (2007). Dietary macronutrient content alters cortisol metabolism independently of body weight changes in obese men. *The Journal of Clinical Endocrinology & Metabolism*, 92(11), 4480-4484. Retrieved from: <https://www.ncbi.nlm.nih.gov/pubmed/17785367>

Meczekalski, B., Katulski, K., Czyzyk, A., Podfigurna-Stopa, A., & Maciejewska-Jeske, M. (2014). Functional hypothalamic amenorrhea and its influence on women's health. *Journal of endocrinological investigation*, 37(11), 1049-1056. Retrieved from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4207953/>

Spaulding, S. W., Chopra, I. J., Sherwin, R. S., & Lyall, S. S. (1976). Effect of caloric restriction and dietary composition on serum T3 and reverse T3 in man. *The Journal of Clinical Endocrinology & Metabolism*, 42(1), 197-200. Retrieved from: <https://www.ncbi.nlm.nih.gov/pubmed/1249190>

Individual diet has sex-dependent effects on vertebrate gut microbiota, Daniel I. Bolnick et al, Nature Communications 5, Article number: 4500 (2014)