



Criteria: Male (>18, <50), Female (>18, premenopause), Body Mass Index (BMI) <30, no infection, autoimmunity or malabsorption. ¹*LMO: Local Medical Officer.* ²**Bloods:** FBC, LFT, PTH, Ca/PO₄, CRP, ESR, TSH, Coeliac screen, 20 mls of Li-Hep blood for PBMCs