

**File S1: Search algorithm used in Pubmed (<https://www.ncbi.nlm.nih.gov/pubmed/> ), accessed on 1 October 2017).**

"dietary supplements"[MeSH Terms] OR ("dietary"[All Fields] AND "supplements"[All Fields]) OR "dietary supplements"[All Fields] OR "supplement"[All Fields] OR ("diet"[MeSH Terms] OR "diet"[All Fields]) OR ("nutritional status"[MeSH Terms] OR ("nutritional"[All Fields] AND "status"[All Fields]) OR "nutritional status"[All Fields] OR "nutrition"[All Fields] OR "nutritional sciences"[MeSH Terms] OR ("nutritional"[All Fields] AND "sciences"[All Fields]) OR "nutritional sciences"[All Fields]) OR ("therapy"[Subheading] OR "therapy"[All Fields] OR "therapeutics"[MeSH Terms] OR "therapeutics"[All Fields]) AND ("congenital, hereditary, and neonatal diseases and abnormalities"[MeSH Terms] OR ("congenital"[All Fields] AND "hereditary"[All Fields] AND "neonatal"[All Fields] AND "diseases"[All Fields] AND "abnormalities"[All Fields]) OR ("congenital"[All Fields] AND "disorder"[All Fields]) OR "congenital disorder"[All Fields]) AND s[All Fields] AND ("glycosylation"[MeSH Terms] OR "glycosylation"[All Fields]) AND "humans"[MeSH Terms]