



שם: שחאדה ויסאל

שם העבודה: הקשר בין לימפומה לזיהומים- חקר הקשר האפידמיולוגי הדו-כיווני והמנגנונים הגנטיים

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תקציר:

The current project shed light on the bidirectional association of NHL with infections among Israeli and Palestinian individuals and the genetic basis of the association. The project is divided into four parts. The first two parts are purely epidemiological and are based on the computerized database of Clalit Health Services (CHS), Israel. The first part will be designed as a case-control study which includes a large group of patients with NHL and matched controls to evaluate the prevalence of preexisting chronic and acute infections several years before diagnosis. The second part will be designed as a historical cohort study, a large group of lymphoma survivors and matched controls will be selected to evaluate the incidence of new-onset infections at least five years following treatment cessation. The third part is a case-control genetic study and concentrates on performing genetic analysis on GWAS data using Hadassah Medical Center NHL case-control study, focusing on immunodeficiency-related SNPs. The fourth part concentrates on evaluating exposure to infections among untreated NHL patients from the latter study using a multiplex-serology method.