

## INTRODUCTION

Chemotaxis is the unidirectional movement of cells toward a chemical stimulus [ Hatch et al, 1977].

Ward and Schlegel (1969) proved that defective chemotaxis is associated with recurrent infections.

Diabetic patients are more susceptible to bacterial and fungal infections than normal poeple [Fikrig et al, 1977].

Molenaar et al (1976) demonstrated impaired polymorphonuclear leukocyte (PMNL) chemotaxis in diabetic patients.

On the other hand, Fikrig et al, 1977 proved that there is no difference between PMNL chemotaxis in diabetic patients and normal controls.