AIMS AND OBJECTIVES
The objectives of the present study are:

a) Regulation of Chemokine and Chemokine receptors in Leishmania infection.

b) Significance of PGE$_2$ and its receptors (EP1-4) in Leishmania infection.

c) Construction of Transgenic Leishmania over-expressing chemokine genes to study their role in Leishmania infection in vivo in murine model.

d) Chemokine and Chemokine receptors expression profile in PKDL patients vs Healthy volunteers.