Aims and objectives

Our hopes, like towering falcons, aim at objects in an airy height;
The little pleasure of the game is from afar to view the flight
- Matthew Prior
Aims and Objectives

Aims
1. To determine the extent of fluoroquinolone resistance in S.Typhi and identify the possible mechanisms mediating it.
2. To compare the anti- S.Typhi antibodies in the sera of patients with typhoid ileal perforation and with uncomplicated typhoid fever.

Objectives
1. To study the antibiotic susceptibility pattern in clinical isolates of S.Typhi with special reference to quinolones and fluoroquinolones.
2. To determine the role of mutations in gyrA, alterations in envelope proteins, and mutations in the marRAB locus in fluoroquinolone resistance.
3. To detect anti-H, anti LPS and anti OMP antibodies in sera of patients with ileal perforation and with uncomplicated typhoid fever.