AIM AND OBJECTIVES

Aim:

• To study the effect of multigenerational undernutrition on reproductive function in female Wistar rats.

Objectives:

1. To study the effects of multigenerational undernutrition on reproductive system by assessing its effects on anthropometry.

2. To study the effects of multigenerational undernutrition on complete blood count in female Wistar rats.

3. To study the effects of multigenerational undernutrition on histology of ovary in female Wistar rats.

4. To study the effects of multigenerational undernutrition on the reproductive hormones of female Wistar rats.

5. To study the effects of multigenerational undernutrition on steroidogenic and folliculogenic gene expression in female Wistar rats.
6. To study the effects of giving standard diet to multigenerationally undernourished female Wistar rats on anthropometric measurements, haematological profile, histology of ovary, and reproductive hormone assay and gene expression in multigenerationally undernourished female Wistar rats.

7. To delineate the mechanisms underlying the changes in anthropometric measurements, haematological profile, histology of ovary, reproductive hormone assay and gene expression in multigenerationally undernourished female Wistar rats.