Announcements

Brief description of the course
It is an advanced course requiring understanding of Molecular Biology, Cellular Biology and Biochemistry.

Undergrads and Masters students have been enrolling for the course and doing well.

Prerequisites
++As above

Syllabus
Mechanisms of Ageing and Regeneration;

Model systems for studying Ageing and Regeneration; Role of cellular processes such as transcription, translation, posttranslational modifications; Signalling mechanisms; Cellular Senescence; Genetic basis of Ageing and longevity; Ageing and Diseases; Organ Senescence; Obesity/Diabetes/Cardiovascular diseases/Muscle degeneration; Interventions to delay ageing and/or enhance life span

Course outcomes
Students will attain

1. Understanding of how ageing occurs and what is the evolutionary significance of ageing.
2. Understand the mechanistic basis of regeneration and the evolutionary significance of it.

**Grading policy**

50% - 3 Assignments combined (Latest Research article discussions)

50% - Final

**Assignments**

**Resources**