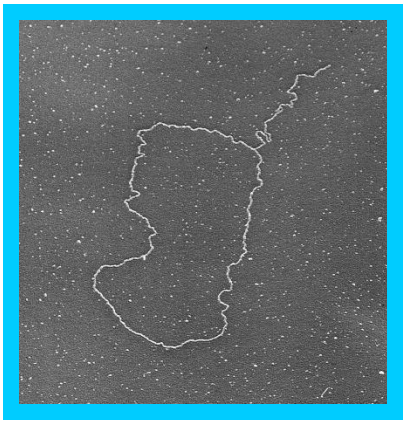
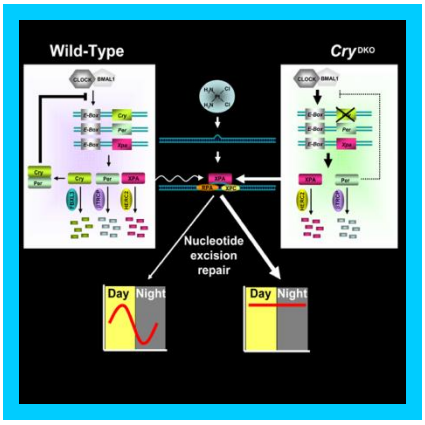
Advanced Molecular Biology I

(Genetics/Biochemistry/Microbiology 631)

Advanced Topics in Molecular Biology (Fall 2012)





How does life work – in molecular detail?

The course focuses on **DNA**: Structure and Function.

Topics include:

- DNA structure
- Chromatin
- Telomeres
- Replication
- Recombination
- Mutagenesis
- DNA Repair
- DNA Damage Checkpoints
- Apoptosis
- Circadian Clock

This course is <u>essential</u> if you are interested in molecular biology.
Prerequisite: A one-semester course in biochemistry or molecular biology.

Offered Fall 2012 - M, W, F (9-10 am)

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