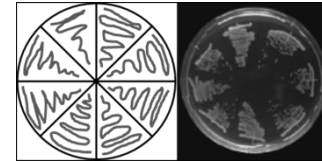


Biol237: Molecular Microbiology & Biotechnology consolidation



When: planned June, 22th – July 4th NOW depending on the actual Corona situation

2 weeks, lectures in the morning 8:30-10 am, partical courses in the afternoon, seminars

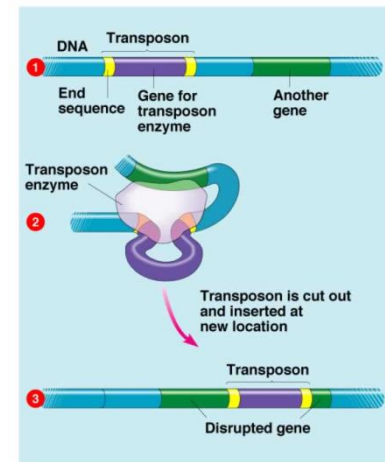


Content:

A) *What you always wanted to know about mutagenesis and co*

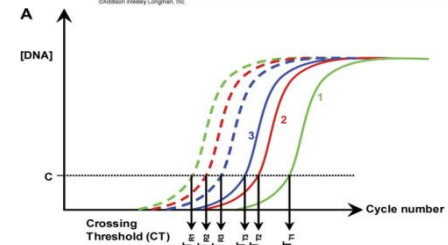
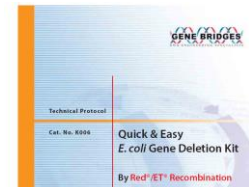
You will learn about several different **mutagenesis approaches**

- Transposon mutagenesis with localizing the transposon insertion side (& Plasposon, Casposon (→ CRISPR) and so on)
- Side directed Mutagenesis, Allelic exchange,
- chromosomal mutation via the quick and easy deletion kit



B) **Tool box of Molecular methods:**

- Expression, purification by affinity chromatography
- Western blot analysis, Southern Blot analysis, RNA isolation & qRT-PCR (real time PCR)



Catherine Bellini