



13.- FORMA DE EVALUACION: **Seminarios**

14. PROGRAMA ANALITICO

Parte Teórica:

- 1) Introduction to Protein structure.
- 2) Using a (mostly) pure enzyme, methods used to determine active and binding sites within the polypeptide sequence.
- 3) Use of molecular biological methodology to elucidate structure-function relationships.
- 4) Elucidation of protein structure with pure (but NOT crystallized) protein as starting material.
- 5) Elucidation of protein structure with protein crystals as starting material.
- 6) Use of computer methodology to predict protein structure with DNA sequences as starting material.
- 7) Design of novel proteins.

Parte Práctica:

- 1) GPS Linker-Scanning system (BioLabs)
- 2) Setting of crystalization screens.

15.- BIBLIOGRAFIA

- Trabajos novedosos, relevantes, recientemente publicados en revistas de nivel internacional (Nature, Science, Cell, J. Biological Chemistry, Embo J., J. Molecular Cell Biology, Plant Physiology, etc.).

FECHA

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