

Bases Bioquímicas e Moleculares para Bioinformática

Estrutura e função de Proteínas, Carboidratos, Lipídeos, DNA e RNA. Dogma Central da Biologia Molecular. Aplicação e técnicas de metagenômica, genômica, transcriptômica e proteômica. Bancos de dados biológicos. Alinhamentos de seqüências de DNA e proteínas, busca por similaridade de sequências, motivos estruturais em seqüências de proteínas e análise filogenética.

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