Jelly Fish and Green Fluorescent Protein [1]

By: Guerrero, Anna  Keywords: Proteins [2]
Object is a digital image that represents green fluorescent protein at various levels of organization within an organism. The chemical bonds and atomic structure that comprise the green segments are depicted in the image. The crystal jellyfish, Aequorea victoria, produces and emits light, called bioluminescence. Its DNA codes for a sequence of genes that direct the synthesis of a protein containing a chromophore, which is responsible for the green fluorescence when exposed to light in the range of blue to ultraviolet.