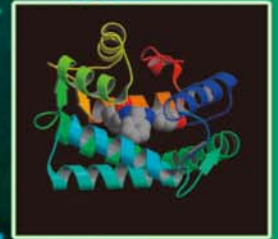
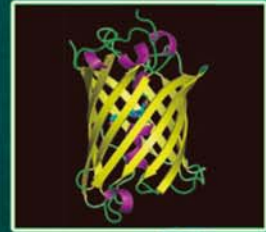
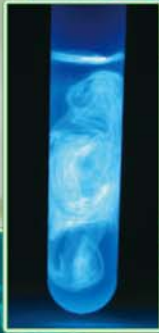
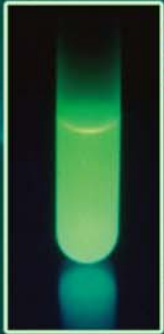
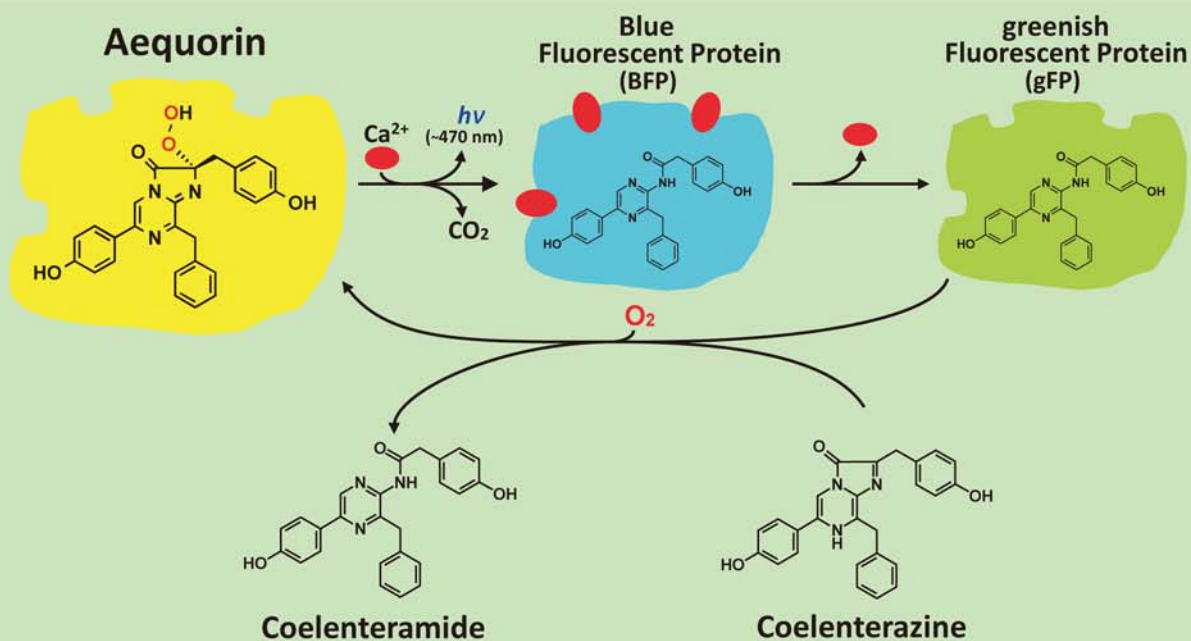


Aequorin



Aequorin is a Ca²⁺-binding photoprotein and made up of apoaequorin (189 amino acids), coelenterazine (luciferin), and molecular oxygen. Aequorin emits blue light upon reacting with a trace amount of Ca²⁺ ($>10^{-7}$ M).



Luminescence reaction of aequorin and regeneration to aequorin