Chemistry of Bioluminescence



Here is a simplified view of fluorescence:
A CARLON AND A
The mechanism of fluorescence (not bioluminescence)
 An electron (yellow) orbits the nucleus (blue), minding its own business.
 A source of light of an appropriate wavelength (indicating its energy) strikes
3driving the electron into a higher-energy orbital.
4. The electron is only stable there for a short time whereupon it
5returns to the lower energy level
6emitting the energy as a longer wavelength photon.
7. The electron continues on its way
<u>Find out more</u> about the molecules that make light.
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