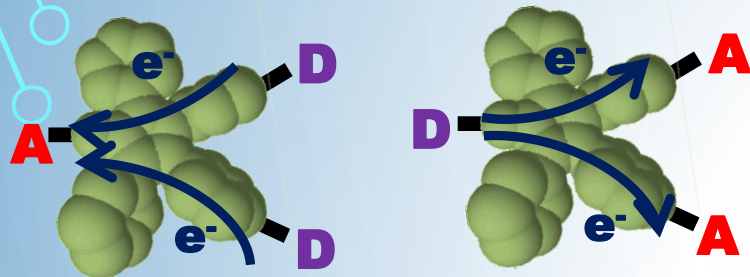


ORGANIC PUSH-PULL MOLECULES

Donor-Acceptor (D-A) conjugated organic molecules

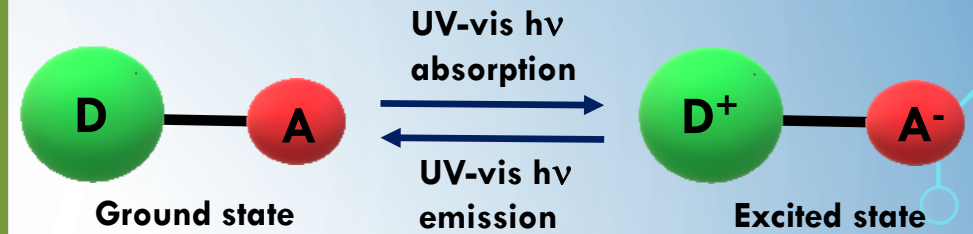
Propeller-like shaped D-A molecules



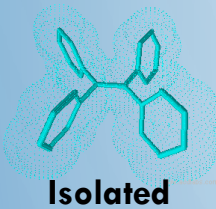
Twisted D-A molecules



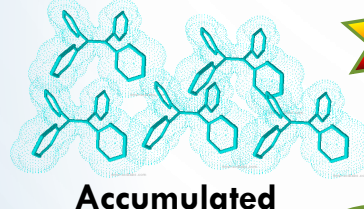
Interaction with light of D-A molecules



Synthesis of AIE (accumulation increases emission) push pull emitting molecules

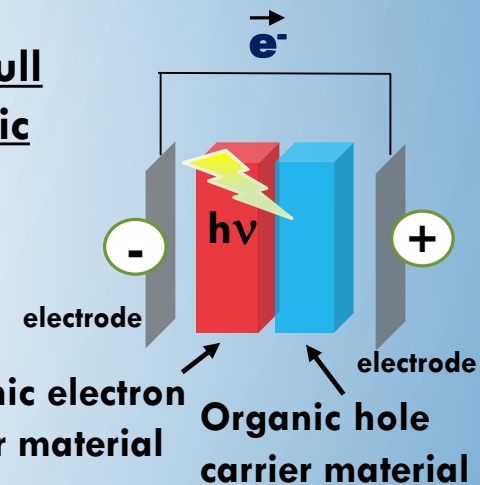


No or weak emission

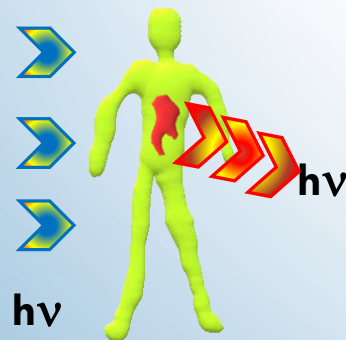


enhanced emission

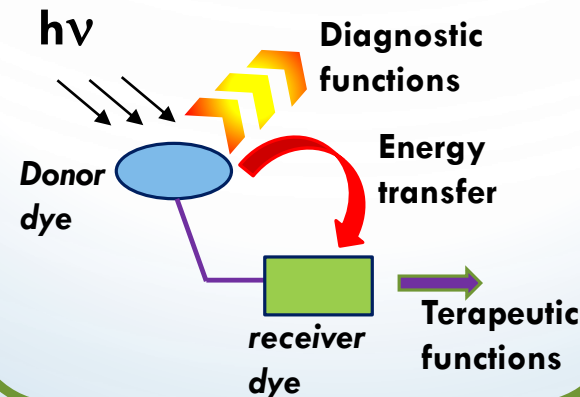
Synthesis of push pull molecules for organic photovoltaic cells



BIOSENSORS



THERANOSTIC MEDICINE



EXAMPLE OF BIOMEDICAL APPLICATION

