Photocatalysis

- photochemistry uses light to promote a reaction
- photocatalysis catalysis in the presence of light
- photoredox catalysis the excitation of a catalyst leads to an electron transfer and thus to the oxidation/reduction of a reactant





Reactions in batch and in flow













Learning objectives

- You should
 - understand and be able to explain principles of photocatalysis.
 - know an example of a photocatalyst and modes how this photocatalyst can engage in chemical reactions.
 - know what dual photoredox catalysis is.
 - know what metallaphotoredox catalysis is

Do the quiz and see you in the class!

