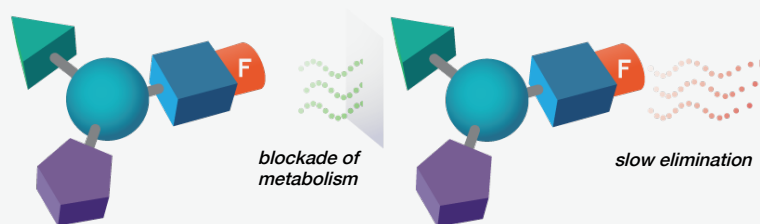
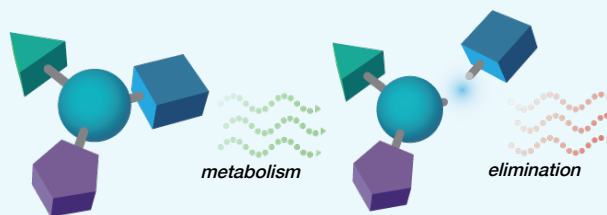
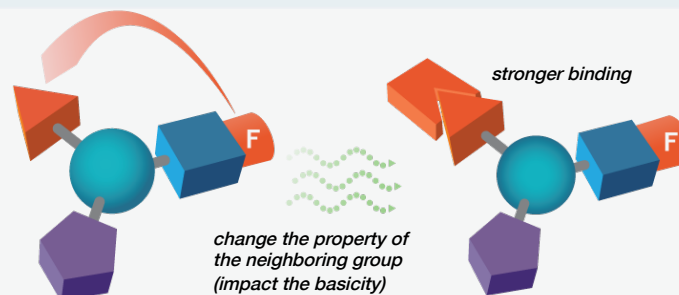


# The role of Fluorine in drug discovery has been well established

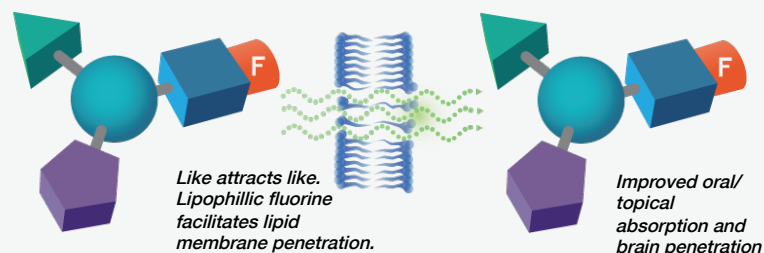
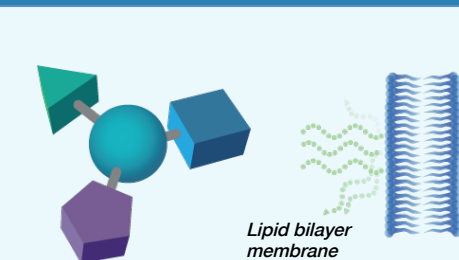
## Fluorination



The carbon-fluorine bond is the strongest bond in organic chemistry and is widely used to block sites of metabolism to improve drug half-life.



The electron-withdrawing effect of a fluorine substituent impacts the basicity of neighboring donor atoms, modulating donor-acceptor interactions.



The lipid-loving feature of the fluorine atom can also improve oral and topical absorption, as well as brain penetration.