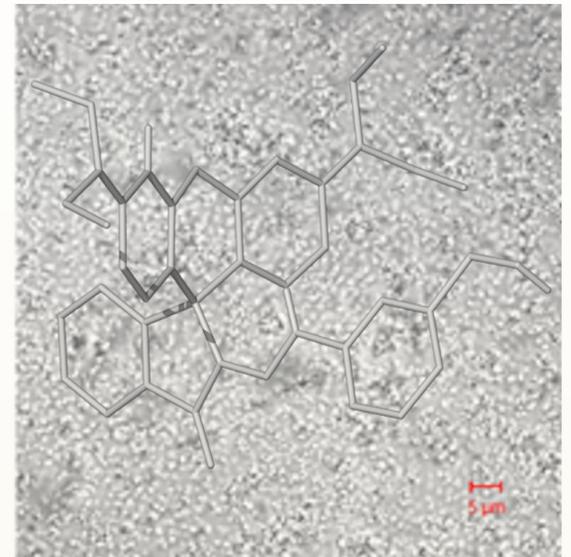
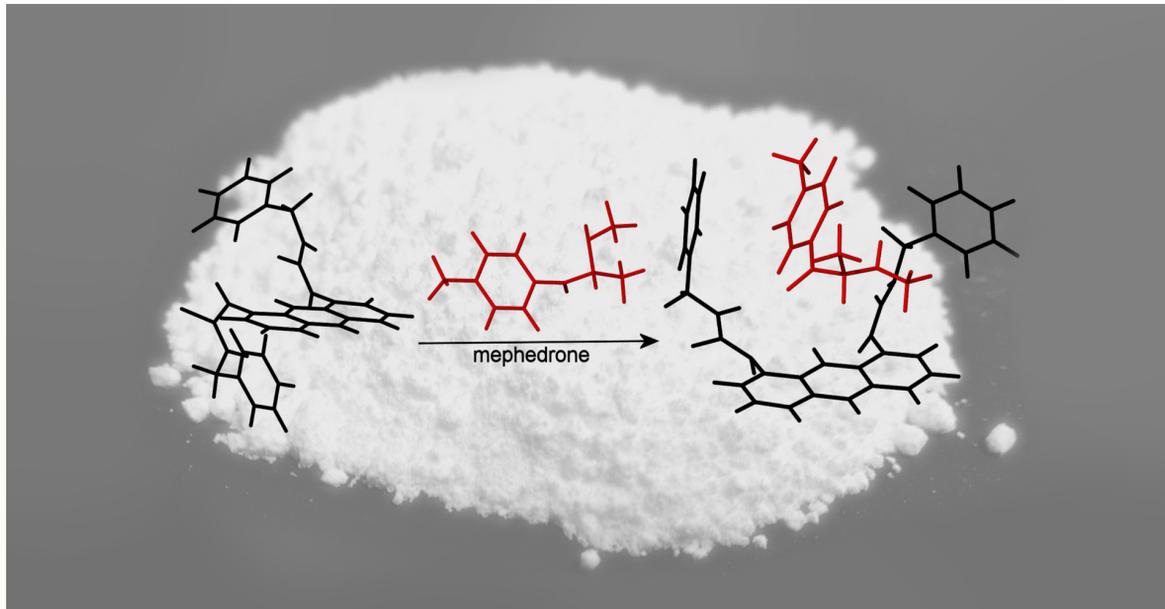
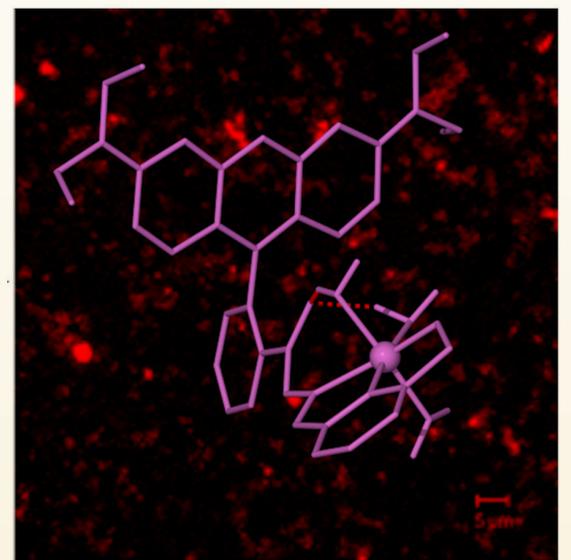


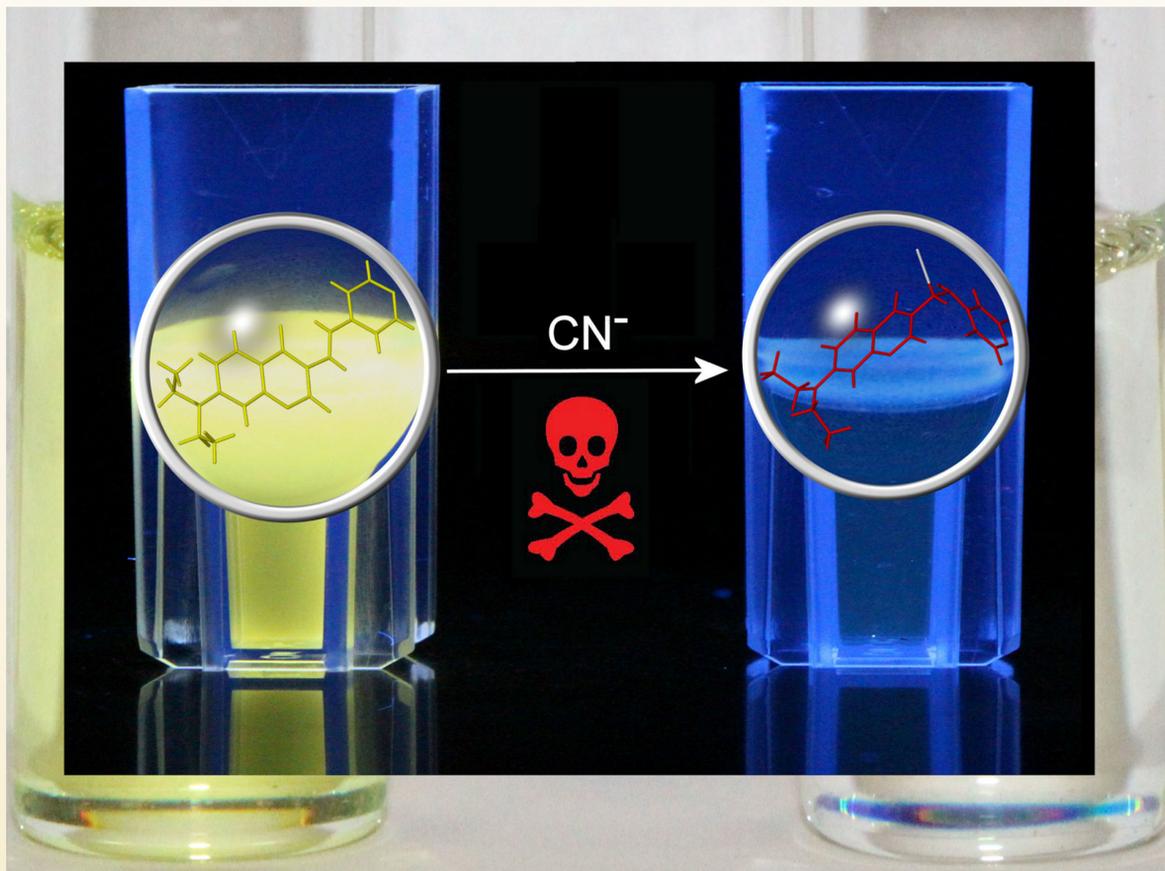
**Neutral molecule recognition. A molecular probe for mephedrone, a psychoactive compound**



↓ Fe(III)



**Cation recognition, for example, monitoring ferric ions in bacterial cells**



**Anion recognition, a chemodosimeter for cyanide ions**




# Wallace Lab

SUPRAMOLECULAR AND INORGANIC CHEMISTRY GROUP

**Research Areas:** Optical sensors for anions, cations and neutral compounds