The Altman laboratory is focused on:
1. developing new fluorination reactions that can be employed for preparing biological probes and therapeutic candidates
2. exploring physicochemical and biophysical perturbations imparted by fluorinated substructures, particularly within the context of neurotherapeutics
3. studying the metabolism of tryptophan and its role in the immune response to various cancers
4. developing small molecule adjuvants that overcome bacterial resistance to antibiotics.