Module Description

This course highlights the chemistry, synthesis, analysis, and metabolism of various drug categories based on their clinical use. Students will develop skills that relate the drug chemical structures with its activity and potency, as well as predictions of metabolic fates based on the existing structural determinants. Therefore, structure-activity-relationships (SARs) will be eventually inferred. Ultimately, students would be ready to appreciate/apply recent concepts in drug design and the use of computational software to analyze and predict drug activity.