Medc 712: QSAR & AI for Drug Design

Biomolecular Sciences

QSAR and Artificial Intelligence for Drug Design. The basics and application of Quantitative Structure-Activity Relation (QSAR and 3D- QSAR) and artificial intelligence (AI), and other related ligand-based drug design computational approaches, such as ADMET prediction, pharmacophore modeling, and virtual screening.

3 Credits

Instruction Type(s)

- Lecture: Lecture for Medc 712

Subject Areas

- Medicinal and Pharmaceutical Chemistry

Related Areas

- Clinical and Industrial Drug Development (MS, PhD)
- Industrial and Physical Pharmacy and Cosmetic Sciences (MS, PhD)
- Natural Products Chemistry and Pharmacognosy (MS, PhD)
- Pharmaceutical Marketing and Management
- Pharmaceutical Sciences
- Pharmaceutics and Drug Design (MS, PhD)
- Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)
- Pharmacy (PharmD - USA - PharmD, BS/BPharm - Canada)
- Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (MS, PhD)
- Pharmacy, Pharmaceutical Sciences, and Administration, Other