

Medc 712: QSAR & AI for Drug Design

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

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

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