



## Pharmaceutical Research & Development Projects

Completed in Toronto Canada

Dr. Alia Nawaz has education in pharmacodynamics, pharmacokinetics, biopharmaceutics, pharmaceutical statistics and pharmaceutical chemistry.

She has Excellent working and theoretical knowledge of controlled and extended released dosage forms, pharmaceutical dosage form manufacturing process and excellent knowledge of excipients, API and excipients characterization, granulation, compression, coating, analytical testing, comparison of results with innovator's tablet to generic solid dosage form. Developed and modified of pharmaceutical formulations in order to obtain a stable and bio-equivalent products. Implemented design of experiment to achieve optimized formulations and scale-up. Wrote SOP's of manufacturing and lab instruments, protocols, technical reports and Delivered periodic presentations of several R & D projects.

List of some completed Projects:

1. Bioequivalent study of Prozac capsule and compare its Immediate Release profile with prepared Fluoxetine Tablet.
  2. Fluoxetine HCL 10 mg tablet – IVIVC and Formulation optimization and other R & D projects
  3. Design, develop and characterize Naproxen sustained release solid dosage based on an immediate released.
  4. Design, development of Metformin Hydrochloride (Extended Release 500 mg Tablets, using Hydrochloric Matrix System.
  5. Design and development of wet granulation process for Acetaminophen immediate release tablet.
  6. Excipients properties and biopharmaceutical parameters of Caffeine compressed tablets.
  7. Enteric coated tablets (and other coating project).
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