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Pharmacokinetics, Pharmacodynamics and Drug Interactions

Guest Editor:

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Deadline for manuscript submissions:
closed (15 March 2024)

Message from the Guest Editor

Dear Colleagues,

Pharmacokinetics describes a drug's absorption, distribution, metabolism and excretion and pharmacodynamics describes what a drug does to the body. Those are critical steps to understanding a drugs' efficacy and safety. Several intrinsic and extrinsic factors could alter a drug's pharmacokinetic and pharmacodynamics, including other drugs/food and natural products. Drug interactions may increase the action, cause the drug less effective, or have unexpected side effects.

This Special Issue will cover manuscripts that describe the results of basic, translational and clinical research that contribute significant and novel information on pharmacokinetics, pharmacodynamics and drug interactions. Areas include innovative mechanisms, approaches, and modeling and simulation. Original research articles, review articles, or commentaries are welcomed.

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