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Pharmacokinetic/pharmacodynamic modeling of combination-chemotherapy for lung cancer

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**Highlights**

- Establishes a framework for evaluation of tumor response to combination chemotherapy
- Couples PK-PD multi-compartment models with a model of vascularized tumor growth
- Simulates tumor response to multiple drug regimens for non-small cell lung cancer
- Combination of MTD and metronomic drug regimens may not offer improved response

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