Realization of common platform technology, facilities, and equipment that creates innovative knowledge and products

Development of cell modeling platform for drug development

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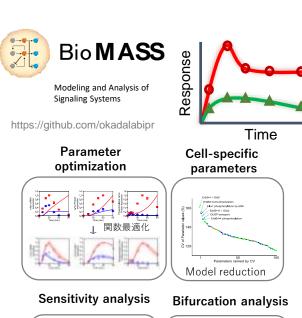
R&D Team: RIKEN, Kyoto University



Summary:

We aim to develop a mathematical modeling and simulation platform that can be easily used by experimental biologists in their laboratory.

We show a proof of concept by examining the effect of drugs with different mode of actions for multiple cell lines and test the efficacy of the prediction powers of this platform for drug evaluation.



Sensitivity



