Bio-Curation for Cellular Signalling: the KAMI Project

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Résumé

The general question of what constitutes bio-curation for rule-based modelling of cellular signalling is posed. A general approach to the problem is presented, based on rewriting in hierarchies of graphs, together with a specific instantiation of the methodology that addresses our particular bio-curation problem. The current state of the ongoing development of the KAMI [Knowledge Aggregator & Model Instantiator] bio-curation tool, based on this approach, i s detailed along with our plans for future development.

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