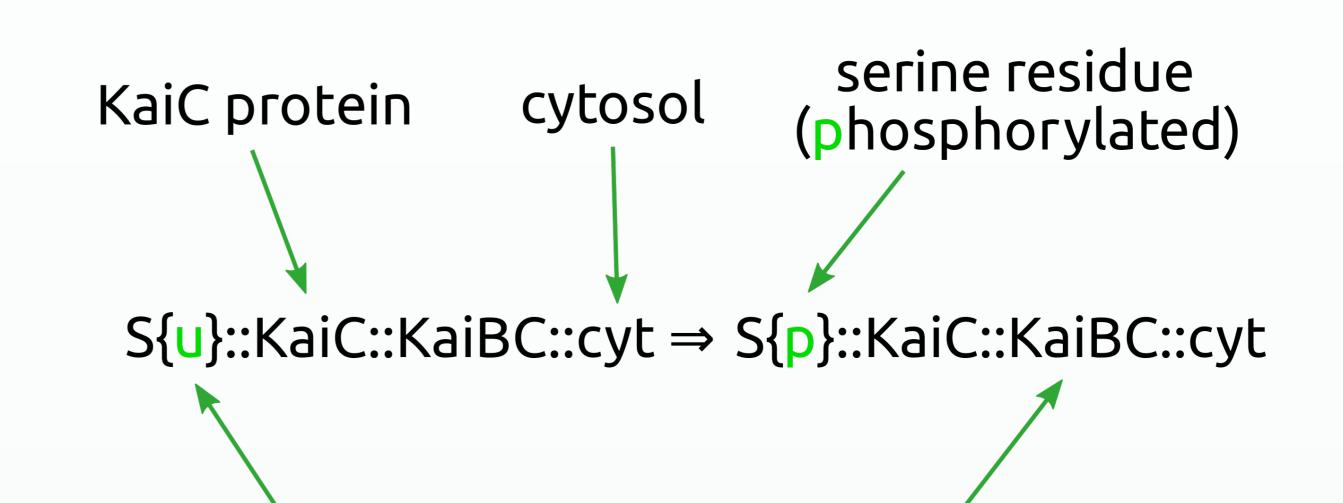
## **Biochemical Space** A Framework for Formal Description and Annotation of Complex Biological Processes

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**Biochemical Space** (BCS) is a web-based framework for modelling and analysis of biological processes. The concept of BCS forms a crucial part of **Comprehensive Modelling Platform** (CMP) – a general platform for computational modelling and analysis of biological processes. The main goal of BCS is to simplify model-building tasks by providing a simple and clear notation easily understandable by modellers and biologists.

In the context of the platform, Biochemical Space assembles complicated quantitative models with an easy-to-understand, yet formal and compact qualitative description. It allows to specify formal and wellannotated reaction networks of chemical entities and elemental reactions. It forms a basis for formal annotation of mathematical models.



KaiBC complex

serine residue

