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Abstract for an Invited Paper
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Coarse-graining stochastic biochemical networks¹

ILYA NEMENMAN, Emory University

Biochemical processes typically involve huge numbers of individual reversible or irreversible steps, each with its own dynamical rate constants. Does the structural complexity of these biochemical networks necessarily result in complex dynamics? I will discuss a few examples where simple, nearly universal stochastic dynamical behaviors emerge from this complexity, and sometimes precisely because of this complexity.

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