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### Stochasticity in signal transduction pathways

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# Publications

- Dobrzyński, M., Rodríguez, J., and F.J., Bruggeman. (2009). Prokaryotic signaling has been optimized for quick but robust response. *Submitted*.
- Dobrzyński, M., Rodríguez, J., Kaandorp, J., and Blom, J. (2007). Computational methods for diffusion-influenced biochemical reactions. *Bioinformatics*.
- Rodríguez, J. V. and Kaandorp, J. A. (2007). Inferring the distribution of inter-reaction intervals for diffusion-limited reactions on lattices. *Intl. J. Mod. Phys. C*, 18(4):749–757.
- Rodríguez, J. V., Kaandorp, J. A., Dobrzyński, M., and Blom, J. G. (2006). Spatial stochastic modelling of the phosphoenolpyruvate-dependent phosphotransferase (pts) pathway in escherichia coli. *Bioinformatics*, 22(15):1895–1901.