

Profa. Tie Koide

[Aula](#)

Artigos de revisão- 14/06:

Functional roles for noise in genetic circuits. Eldar A, Elowitz MB. Nature. 2010 Sep 9;467 (7312)

Artigos Seminais - (a definir) 21/06: Felipe ten Caten

Stochastic gene expression in a single cell. Elowitz MB, Levine AJ, Siggia ED, Swain PS. Science. 2002 Aug 16;297(5584):1183

Artigos contemporâneos (a definir) - 21/06: Livia Zaramela

Real-time observation of transcription initiation and elongation on an endogenous yeast gene.

Larson

DR,

Zenklusen

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Singer

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Science.

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22;332(6028):475-8.

Sugestões de leitura:

A single molecule view of gene expression. Larson DR, Singer RH, Zenklusen D. Trends Cell Biol.

2009

Nov;19(11):630

Nature, nurture, or chance: stochastic gene expression and its consequences. Raj A, van Oudenaarden

A.

Cell.

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17;135(2):216-26.

Stochastic mechanisms in gene expression. McAdams HH, Arkin A. Proc Natl Acad Sci U S A. 1997

General properties of transcriptional time series in *Escherichia coli*. So LH, Ghosh A, Zoung C, Sepúlveda LA, Segev R, Golding I. Nat Genet. 2011 Jun;43(6):554-60

Dynamic analysis of stochastic transcription cycles. Harper CV, Finkenstädt B, Woodcock DJ, Friedrichsen S, Semprini S, Ashall L, Spiller DG, Mullins JJ, Rand DA, Davis JR, White MR. PLoS Biol. 2011

Estocasticidade na expressão gênica

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