

Dynamic network reconstruction from gene expression data applied to immune response during bacterial infection.

Guthke R, Möller U, Hoffmann M, Thies F, Töpfer S (2005) Dynamic network reconstruction from gene expression data applied to immune response during bacterial infection. *Bioinformatics* 21(8), 1626-1634.

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Abstract

The immune response to bacterial infection represents a complex network of dynamic gene and protein interactions. We present an optimized reverse engineering strategy aimed at a reconstruction of this kind of interaction networks. The proposed approach is based on both microarray data and available biological knowledge.

Beteiligte Forschungseinheiten

[Microbiome Dynamics](#) [Gianni Panagiotou](#) [Mehr erfahren](#)

Leibniz-HKI-Autor*innen



Reinhard Guthke

[Details](#)

Themenfelder

[Netzwerke der Wirt-Pilz-Pathogen Interaktion](#)

Identifizier

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