

# Stanford

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## Ryan Kellogg

Postdoctoral Research Fellow, Genetics

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Eidgenossische Technische Hochschule (ETH Zurich) (2015)

#### STANFORD ADVISORS

- Stephen Quake, Postdoctoral Research Mentor
- Michael Snyder, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Cellular Decision Making by Non-Integrative Processing of TLR Inputs** *CELL REPORTS*  
Kellogg, R. A., Tian, C., Etzrodt, M., Tay, S.  
2017; 19 (1): 125-135
- **Noise Induces Hopping between NF-kappa B Entrainment Modes** *CELL SYSTEMS*  
Heltberg, M., Kellogg, R. A., Krishna, S., Tay, S., Jensen, M. H.  
2016; 3 (6): 532-?
- **Digital signaling decouples activation probability and population heterogeneity** *ELIFE*  
Kellogg, R. A., Tian, C., Lipniacki, T., Quake, S. R., Tay, S.  
2015; 4
- **Noise Facilitates Transcriptional Control under Dynamic Inputs** *CELL*  
Kellogg, R. A., Tay, S.  
2015; 160 (3): 381-392
- **High-throughput microfluidic single-cell analysis pipeline for studies of signaling dynamics** *NATURE PROTOCOLS*  
Kellogg, R. A., Gomez-Sjoeberg, R., Leyrat, A. A., Tay, S.  
2014; 9 (7): 1713-1726