

Stanford

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Bio

STANFORD ADVISORS

- Kevin Grimes, Postdoctoral Faculty Sponsor

LINKS

- My Virtual Resume: <https://www.ascientistengineer.me/>

Publications

PUBLICATIONS

- **Evaluating Angiogenic Potential of Small Molecules Using Genetic Network Approaches** *REGENERATIVE ENGINEERING AND TRANSLATIONAL MEDICINE*
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- **An Overview of Genomic Biomarker Use in Cardiovascular Disease Clinical Trials.** *Clinical pharmacology and therapeutics*
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- **PathFX provides mechanistic insights into drug efficacy and safety for regulatory review and therapeutic development.** *PLoS computational biology*
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2018; 14 (12): e1006614
- **A scientist engineer's contribution to therapeutic discovery and development.** *Experimental biology and medicine (Maywood, N.J.)*
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- **Biomarkers: Delivering on the expectation of molecularly driven, quantitative health** *EXPERIMENTAL BIOLOGY AND MEDICINE*
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- **Functional Genomics Approach Identifies Novel Signaling Regulators of TGF alpha Ectodomain Shedding** *MOLECULAR CANCER RESEARCH*
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- **Integrated network analyses for functional genomic studies in cancer** *SEMINARS IN CANCER BIOLOGY*
Wilson, J. L., Hemann, M. T., Fraenkel, E., Lauffenburger, D. A.
2013; 23 (4): 213–18

- **Harnessing Systems Biology Approaches to Engineer Functional Microvascular Networks** *TISSUE ENGINEERING PART B-REVIEWS*
Sefcik, L. S., Wilson, J. L., Papin, J. A., Botchwey, E. A.
2010; 16 (3): 361–70