Stanford

Jonathan Geisinger

Basic Life Science Research Scientist, Genetics

Bio

ACADEMIC APPOINTMENTS

- Basic Life Science Research Scientist, Genetics

HONORS AND AWARDS

- NSF Graduate Resesearch Fellow, National Science Foundation (2010-current)

Publications

PUBLICATIONS

- **In vivo blunt-end cloning through CRISPR/Cas9-facilitated non-homologous end-joining** *NUCLEIC ACIDS RESEARCH*
  Geisinger, J. M., Turan, S., Hernandez, S., Spector, L. P., Calos, M. P.
  2016; 44 (8)

- **Using phage integrases in a site-specific dual integrase cassette exchange strategy.** *Methods in molecular biology (Clifton, N.J.)*
  Geisinger, J. M., Calos, M. P.
  2015; 1239: 29-38

- **Recombinase-Mediated Reprogramming and Dystrophin Gene Addition in mdx Mouse Induced Pluripotent Stem Cells** *PLOS ONE*
  Zhao, C., Farruggio, A. P., Bjornson, C. R., Chavez, C. L., Geisinger, J. M., Neal, T. L., Karow, M., Calos, M. P.
  2014; 9 (4)

- **The juxtaparanodal proteins CNTNAP2 and TAG1 regulate diet-induced obesity** *MAMMALIAN GENOME*
  Buchner, D. A., Geisinger, J. M., Glazebrook, P. A., Morgan, M. G., Spiezio, S. H., Kaiyala, K. J., Schwartz, M. W., Sakurai, T., Furley, A. J., Kunze, D. L., Croniger, C. M., Nadeau, J. H.
  2012; 23 (7-8): 431-442

- **Site-Specific Recombinase Strategy to Create Induced Pluripotent Stem Cells Efficiently with Plasmid DNA** *STEM CELLS*
  Karow, M., Chavez, C. L., Farruggio, A. P., Geisinger, J. M., Keravala, A., Jung, W. E., Lan, F., Wu, J. C., Chen-Tsai, Y., Calos, M. P.
  2011; 29 (11): 1696-1704

- **Deep congenic analysis identifies many strong, context-dependent QTLs, one of which, Slc35b4, regulates obesity and glucose homeostasis** *GENOME RESEARCH*
  Yazbek, S. N., Buchner, D. A., Geisinger, J. M., Burrage, L. C., Spiezio, S. H., Zentner, G. E., Hsieh, C., Scacheri, P. C., Croniger, C. M., Nadeau, J. H.
  2011; 21 (7): 1065-1073

- **Modulation of RNA polymerase II subunit composition by ubiquitylation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Daulny, A., Geng, F., Muratani, M., Geisinger, J. M., Salghetti, S. E., Tansey, W. P.
  2008; 105 (50): 19649-19654