



Naomi Genuth

Ph.D. Student in Biology, admitted Autumn 2014

Bio

EDUCATION AND CERTIFICATIONS

- BA, Harvard University , Molecular and Cellular Biology (2014)

STANFORD ADVISORS

- Maria Barna, Doctoral (Program)

Publications

PUBLICATIONS

- **RPS25 is required for efficient RAN translation of C9orf72 and other neurodegenerative disease-associated nucleotide repeats.** *Nature neuroscience*
Yamada, S. B., Gendron, T. F., Niccoli, T., Genuth, N. R., Grosely, R., Shi, Y., Glaria, I., Kramer, N. J., Nakayama, L., Fang, S., Dinger, T. J., Thoeng, A., Rocha, et al
2019
- **The Discovery of Ribosome Heterogeneity and Its Implications for Gene Regulation and Organismal Life.** *Molecular cell*
Genuth, N. R., Barna, M.
2018; 71 (3): 364–74
- **Heterogeneity and specialized functions of translation machinery: from genes to organisms.** *Nature reviews. Genetics*
Genuth, N. R., Barna, M.
2018
- **Heterogeneous Ribosomes Preferentially Translate Distinct Subpools of mRNAs Genome-wide.** *Molecular cell*
Shi, Z., Fujii, K., Kovary, K. M., Genuth, N. R., Röst, H. L., Teruel, M. N., Barna, M.
2017
- **Engineering allostery** *TRENDS IN GENETICS*
Raman, S., Taylor, N., Genuth, N., Fields, S., Church, G. M.
2014; 30 (12): 521-528