Stanford

Mary O'Sullivan

Postdoctoral Research Fellow, Otolaryngology - Head & Neck Surgery

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, University College Cork (2010)
- Doctor of Philosophy, University College London (2015)
- Master of Science, Imperial College of Science, Technology & Medicine (2011)

STANFORD ADVISORS

- Alan Cheng, Postdoctoral Faculty Sponsor
- Anthony Ricci, Postdoctoral Research Mentor

LINKS

- Blog Post: https://hearinglosscure.stanford.edu/2015/12/life-in-the-lab-mary-osullivan/
- Ricci Lab Website: https://riccilab.stanford.edu
- Cheng Lab Website: https://achenglab.stanford.edu

Publications

PUBLICATIONS

- **Aminoglycoside ribosome interactions reveal novel conformational states at ambient temperature.** *Nucleic acids research*
  O'Sullivan, M. E., Poitevin, F., Sierra, R. G., Gati, C., Dao, E. H., Rao, Y., Aksit, F., Ciftci, H., Corsepius, N., Greenhouse, R., Hayes, B., Hunter, M. S., Liang, et al
  2018
- **Mind Your Ears: A New Antidote to Aminoglycoside Toxicity?** *JOURNAL OF MEDICINAL CHEMISTRY*
  O'Sullivan, M. E., Cheng, A. G.
  2018; 61 (1): 81–83
- **Towards the Prevention of Aminoglycoside-Related Hearing Loss** *Frontiers in Cellular Neuroscience*
  O'Sullivan, M. E., Perez, A., Lin, R., Ricci, A. J., Cheng, A. G.
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- **Towards the Prevention of Aminoglycoside-Related Hearing Loss.** *Frontiers in cellular neuroscience*
  O'Sullivan, M. E., Perez, A., Lin, R., Sajjadi, A., Ricci, A. J., Cheng, A. G.
  2017; 11: 325
- **The kinetochore protein, CENPF, is mutated in human ciliopathy and microcephaly phenotypes** *JOURNAL OF MEDICAL GENETICS*
  Waters, A. M., Asfahani, R., Carroll, P., Bicknell, L., Lescai, F., Bright, A., Chanudet, E., Brooks, A., Christou-Savina, S., Osman, G., Walsh, P., Bacchelli, C., Chapgier, et al

2015; 52 (3): 147-156

- **Mitochondrial m.1584A 12S m(2)(6)A rRNA methylation in families with m.1555A > G associated hearing loss** *HUMAN MOLECULAR GENETICS*
  O'Sullivan, M., Rutland, P., Lucas, D., Ashton, E., Hendricks, S., Rahman, S., Bitner-Glindzicz, M.
  2015; 24 (4): 1036-1044

- **Mutations in SNX14 Cause a Distinctive Autosomal-Recessive Cerebellar Ataxia and Intellectual Disability Syndrome** *AMERICAN JOURNAL OF HUMAN GENETICS*
  Thomas, A. C., Williams, H., Seto-Salvia, N., Bacchelli, C., Jenkins, D., O'Sullivan, M., Mengrelis, K., Ishida, M., Ocaka, L., Chanudet, E., James, C., Lescai, F., Anderson, et al
  2014; 95 (5): 611-621