



# Mutation, Drift and Origin of Subcellular Features



## Prof. Michael Lynch

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地点：江湾新校区生科楼B503会议室

### Education

1977 Ph.D., University of Minnesota, USA

### Professional Experience

2001–Present, Professor; Indiana University

1989–2001, Professor; University of Oregon

1977–1989, Asst., Assoc., Full Professor; University of Illinois

### Research Interests

Integration of molecular and cellular biology, genetics, and evolution; population and quantitative genetics; molecular, genomic, and phenotypic evolution.

### Recent Representative Publications

1. Li, W., R. Kuzoff, K. W. Chen, A. Tucker, and **M. Lynch**. 2014. Characterization of newly gained introns in *Daphnia* populations. **Genome Biol. Evol.**
2. McGrath, C. L., J. F. Gout, P. Johri, T. G. Doak, and **M. Lynch**. 2014. Differential retention and divergent resolution of duplicate genes following whole-genome duplication. **Genome Research**
3. Colbourne, J., et al. 2011. The ecoresponsive genome of *Daphnia pulex*. **Science** 331: 555-561.
4. Ossowski, S., K. Schneeberger, J. Lucas-Lledó, N. Warthmann, R. M. Clark, R. G. Shaw, D. Weigel, and **M. Lynch**. 2010. The rate and molecular spectrum of spontaneous mutations in *Arabidopsis thaliana*. **Science** 327: 92-94.
5. Li, W. A. E. Tucker, W. Sung, W. K. Thomas, and **M. Lynch**. 2009. Extensive, recent intron gains in *Daphnia* populations. **Science** 326: 1260-1262.