

Recommended Reading for Mouse Models of Human Disease

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Outstanding review article on using mouse models:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4770152/>

Points to consider from this article:

1. **“Model validity: making sure the mouse is right”**
2. **“Common sources of variation and how to control for them”**
3. **“The caveats of conditional mutagenesis”**
4. **“Statistics and the 3Rs”**
5. **“From mouse to humans: a community effort”**

Example of Alzheimer’s Mouse Model and Potential Artifacts:

<https://www.ncbi.nlm.nih.gov/pubmed/24728269>

Mouse models with spontaneous mutations -- NNT mutation examples in C57/Bl6 mice (N vs J):

<https://www.ncbi.nlm.nih.gov/pubmed/23747984>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2888716/>

<http://onlinelibrary.wiley.com/doi/10.1113/expphysiol.2013.074682/full>