

# THE EVOLUTION OF POLYMORPHIC HYBRID STERILITY

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Reproductive barriers are often thought of as fixed between species, yet recently diverged species often have polymorphic reproductive incompatibilities. This lecture focuses on the genetic basis of variable hybrid male sterility in house mice via two mechanisms: transmission ratio distortion of hybrid incompatibilities and the regulatory disruption of the X chromosome during spermatogenesis. Additionally, the lecture will discuss the implications of this variation on gene flow in the house mouse hybrid zone, and the maintenance of species boundaries.

<http://www.larsonlab.space/>

**MONDAY, OCTOBER 21**

**4:00 P.M.**

**ALS 4001**

**FREE & OPEN TO THE PUBLIC**



**Oregon State  
University**

Accommodations for disabilities may be made by contacting 541-737-2993 or [ib@oregonstate.edu](mailto:ib@oregonstate.edu).