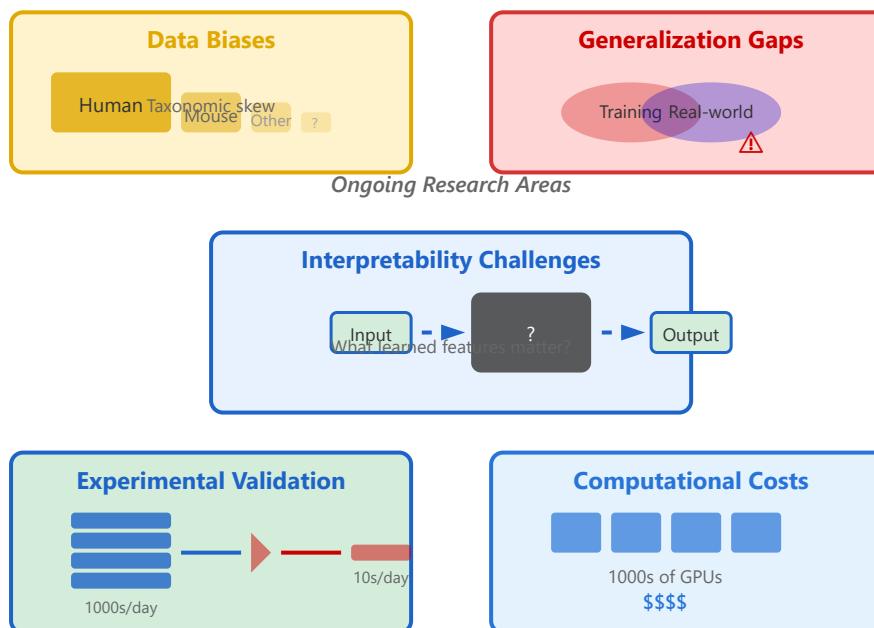


Limitations

Current Challenges in Biological AI



Data biases

Taxonomic & functional skew

Generalization gaps

Out-of-distribution failures

Interpretability challenges

Black box models

Experimental validation

Lab throughput bottleneck

Computational costs

Training & inference expense