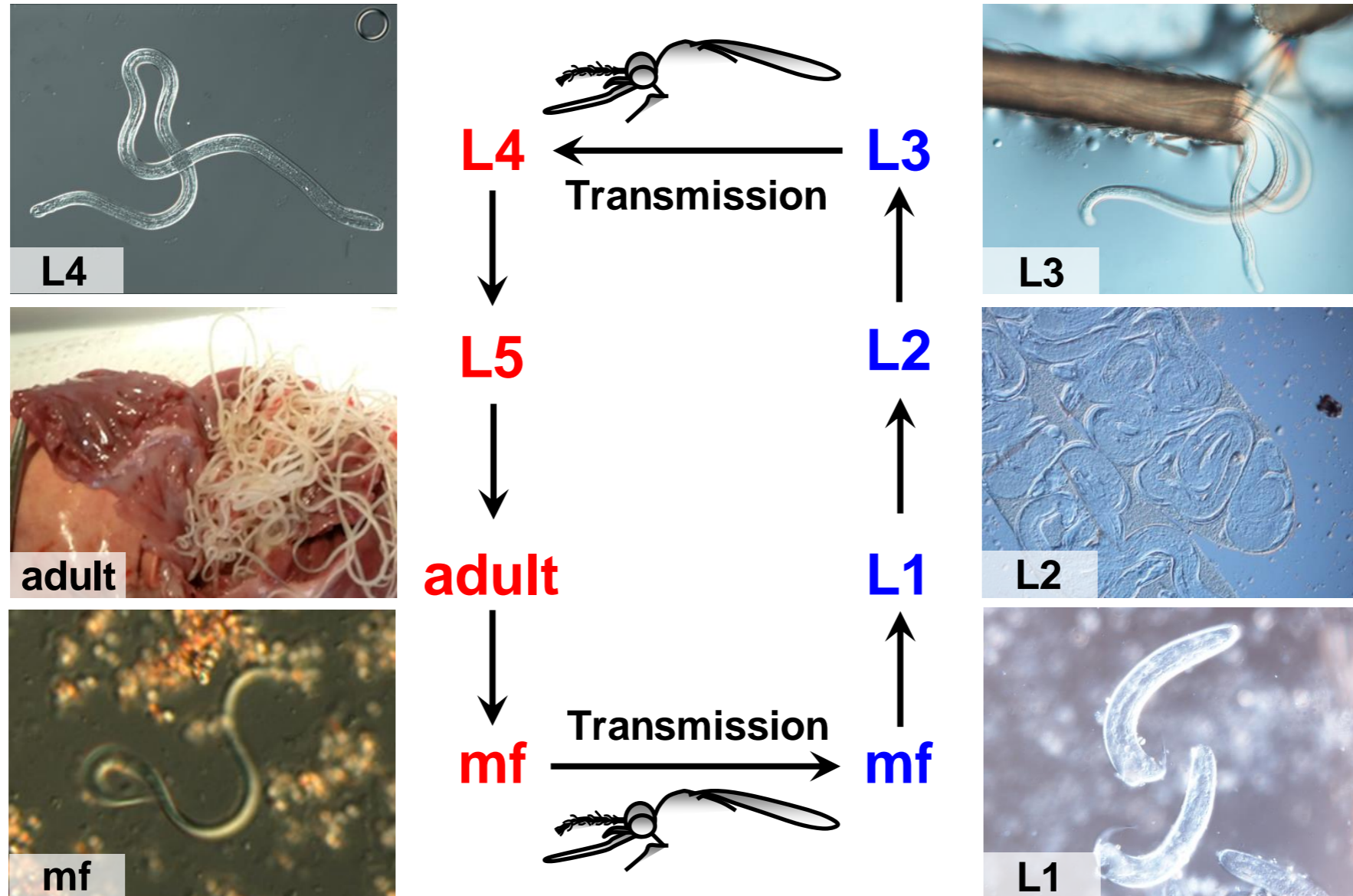


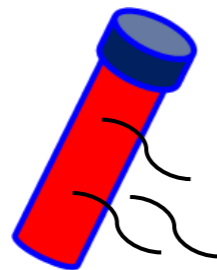
# Heartworm disease agent "*Dirofilaria immitis*"



**Dog**

**Mosquito**

LN<sub>2</sub>



Mf cryopreservation using commercial medium



*In vitro* mf viability



L3 development

- No infected dog needed
- Facilitate vector stage study
- Help veterinarian's education