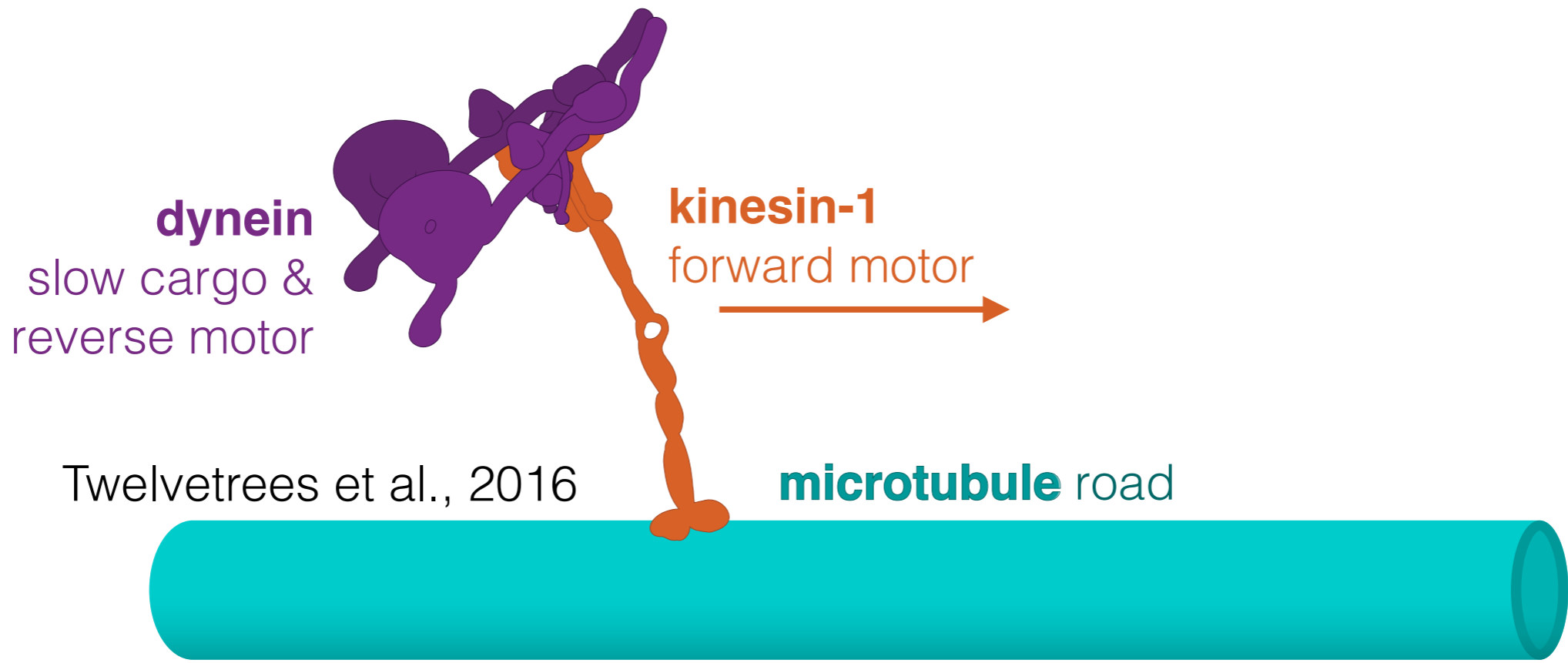
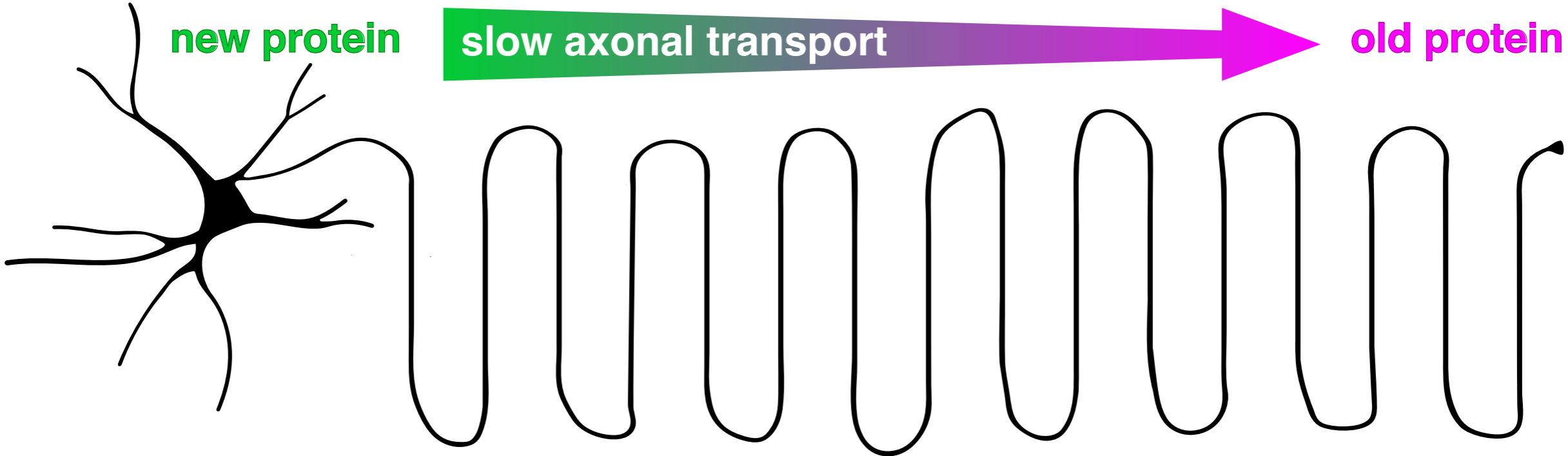
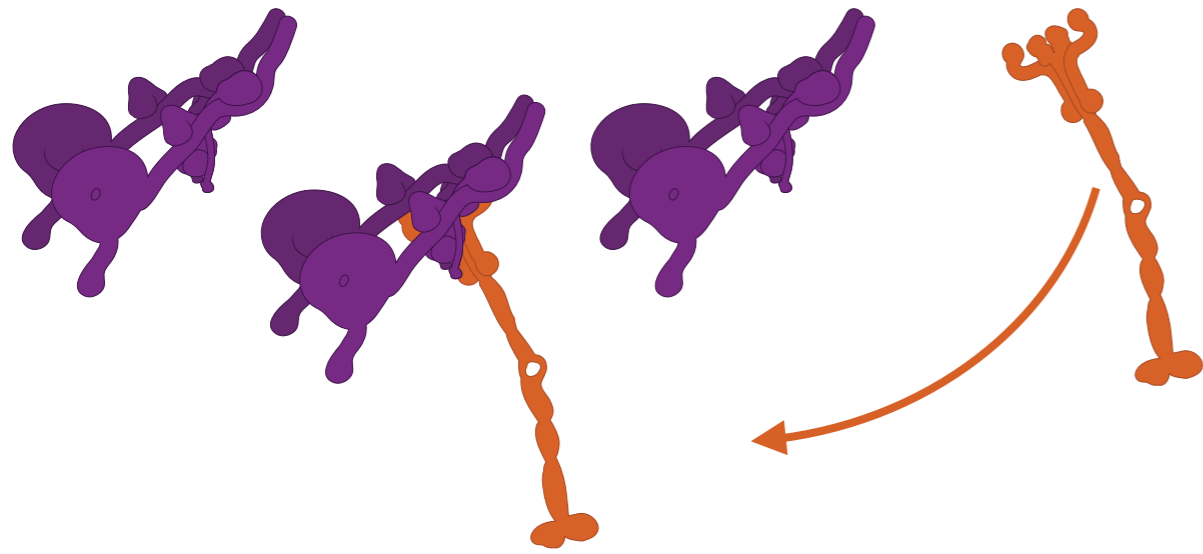


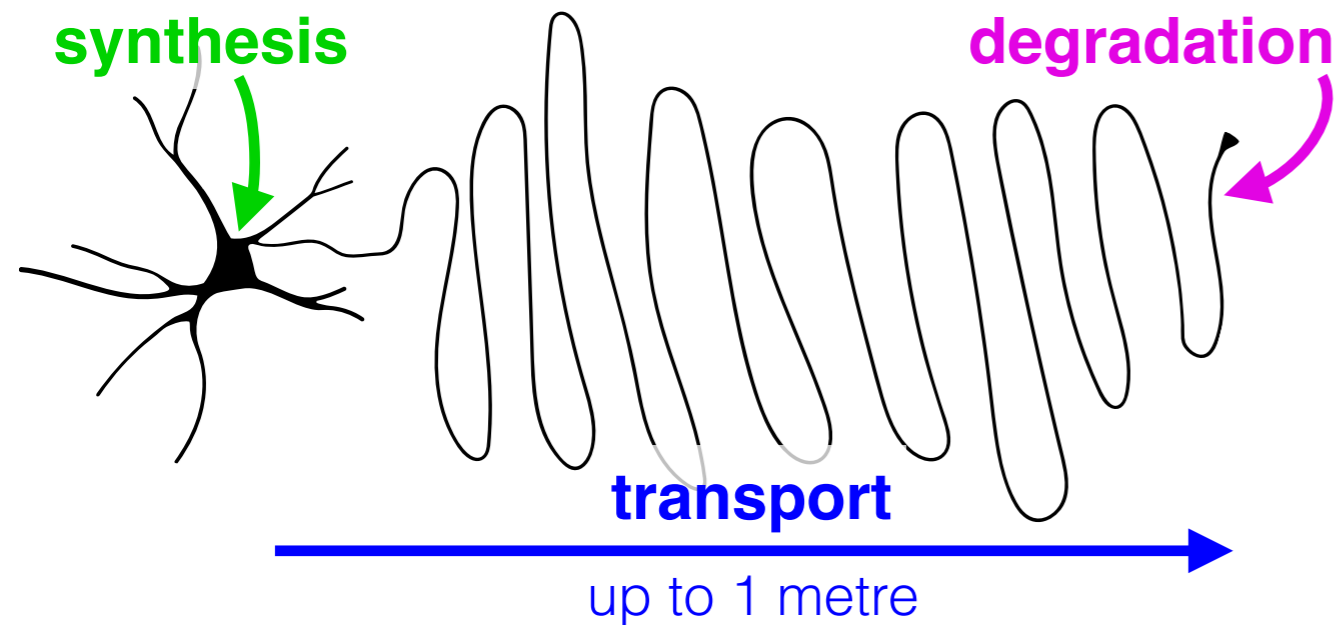
Molecular mechanisms of slow axonal transport



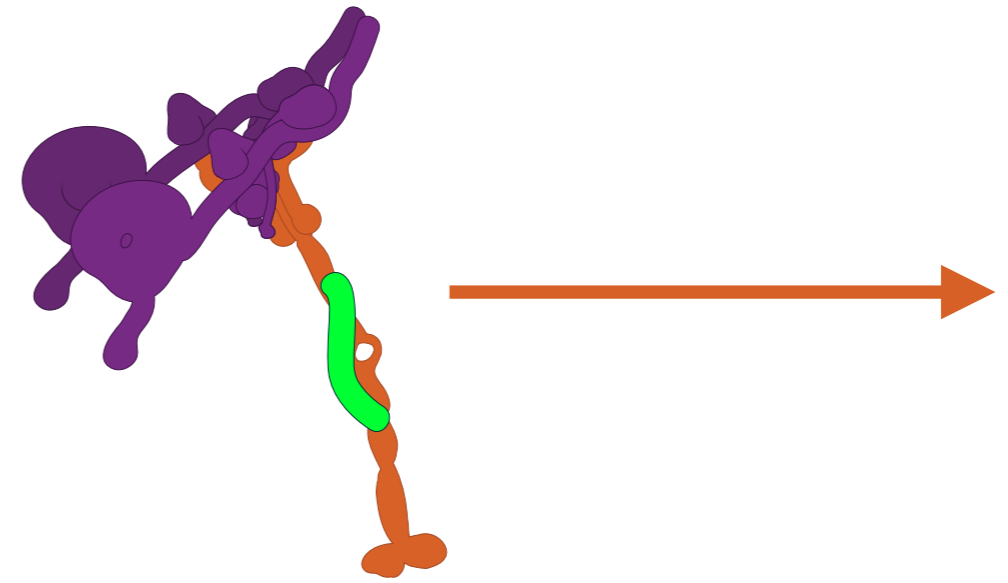
Aim 1 - Does kinesin availability establish the rate of axonal transport?



Aim 2 - Are cell body synthesis, transport and degradation coupled in the axon?



Aim 3 - Can reinforcing kinesin activation improve transport?



Future

- **Molecular basis of transport for key cargo**
- **Role in neurodegeneration**
- **Therapeutic targeting of the transport process**