Determining if a combination of treatments Ibudilast and interleukin 4 can treat multiple sclerosis using model organism *Lumbricus terrestris*

**1. Background**

Multiple Sclerosis - autoimmune neurodegenerative disease

![Image Created by Mayo Clinic](image)

Modelling multiple sclerosis in earthworms

**2. Scientific Question**

Can a combination of Ibudilast and Interleukin 4 be used to treat an earthworm model of multiple sclerosis?

Better than the individuals treatments?

**3. Results**

The Combination Drug is a more effective drug for treating multiple sclerosis in earthworms than the individual drugs!

Moving forward

- Testing the combination drug’s regenerative abilities
- Testing the combination drug on higher, move complicated organisms

**4. Conclusion**

**5. References (Selected)**
