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Progress Toward an Animal Model of PSP

1) Why do we need an Animal Model?

Drug Discovery for:

- Tauopathy → improve longevity
- Symptomology → improve quality of life

Progressive Model to:

- Examine the Spread of Pathology → to understand disease progress
- Discover Early Biomarkers → early detection

2) What should this Model look like?

PSP-like Pathology:

- Pedunculopontine Tegmentum Loss
- Ventricular Enlargement
- Substantia Nigra Loss
- Tauopathy

PSP-like Behavioral Changes:

- Startle Deficits
- Motor Deficits
- Cognitive Deficits