Transgenic Mice Expressing Human Tau with the P301L Mutation

We have created two lines of transgenic mice expressing human tau with the P301L mutation. Mice expressing the 2-3-10+ human isoform with the P301L mutation develop tau neurofibrillary tangles, motor deficits, and behavioral abnormalities. Mice expressing the longest human tau isoform (2+3+10+) with the P301L mutation develop balloned neurons as well as neurofibrillary tangles. Motor and behavioral deficits are also evident in the 2+3+10+ mice.

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