CLAIMS:

1. Use of Obicetrapib, or a pharmaceutically acceptable salt thereof, ~~for use in a method of~~in the manufacture of a medicament for slowing progression of neurodegenerative disease in a subject who has or is at risk of developing said neurodegenerative disease, ~~said method comprising:~~

~~administering a therapeutically effective amount of obicetrapib or a pharmaceutically acceptable salt thereof to the subject,~~ wherein said neurodegenerative disease is Alzheimer's Disease (AD), Lewy Body dementia, vascular or multi-infarct dementia, or frontotemporal dementia (FTD).

2. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 1, wherein ~~obicetrapib or salt thereof is administered~~the slowing progression of neurodegenerative disease comprises administering the medicament orally.

3. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 1 or claim 2, wherein ~~obicetrapib is administered~~the slowing progression of neurodegenerative disease comprises administering the medicament once per day.

4. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 3, wherein the administering comprises administering ~~dose is~~ 5-25 mg po QD of obicetrapib or salt thereof.

5. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 4, wherein the administering comprises administering ~~dose is~~ 5 mg po QD, 10 mg po QD, 15 mg po QD, 20 mg po QD, or 25 mg po QD.

6. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-5, wherein ~~obicetrapib or salt thereof is administered~~the slowing progression of neurodegenerative disease comprises administering the medicament once daily for at least 8 weeks, for at least 6 months, for at least 12 months or for at least 24 months.

7. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 6, wherein the subject has been diagnosed with or is at risk for developing AD.

8. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 7, wherein the subject has been diagnosed with AD.

9. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 7 or claim 8, wherein the subject has at least one ApoE4 allele.

10. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 9, wherein the subject has two ApoE4 alleles.

11. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 9-10, wherein the slowing progression of neurodegenerative disease comprises ~~further comprising the~~a prior step of detecting ApoE4 alleles in the subject.

12. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-11, wherein the subject has been diagnosed with mild cognitive impairment (MCI).

13. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-12, wherein the subject has been determined, prior to ~~treatment~~the slowing progression of neurodegenerative disease, to have at least one of (i) decreased levels of Aβ42 in plasma, (ii) increased levels of Aβ40 in plasma, (iii) decreased ratio of Aβ42/Aβ40 in plasma, (iv) increased levels of neurofilament light (NfL) in plasma, and (v) increased levels of neurogranin in plasma, as compared to a healthy control population that does not have and that is not at elevated risk for neurodegenerative disease.

14. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-13, wherein the subject has been determined, prior to ~~treatment~~the slowing progression of neurodegenerative disease, to have at least one of (i) decreased levels of Aβ42 in CSF, (ii) increased levels of Aβ40 in CSF, (iii) decreased ratio of Aβ42/Aβ40 in CSF, (iv) increased levels of neurofilament light (NFL) in CSF, and (v) increased levels of neurogranin in CSF, as compared to a healthy control population that does not have and that is not at elevated risk for neurodegenerative disease.

15. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-14, wherein the subject has been determined, prior to ~~treatment~~the slowing progression of neurodegenerative disease, to have abnormal patterns of Tau based on Tau PET imaging.

16. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-15, wherein the medicament comprises ~~dose of~~ obicetrapib or salt thereof ~~is~~in an amount sufficient to prevent at least one of (i) further decrease in levels of Aβ42 in plasma, (ii) further increase in levels of Aβ40 in plasma, (iii) further decrease in ratio of

Aβ42/Aβ40 in plasma, (iv) further increase in levels of neurofilament light (NFL) in plasma, and (v) further increase in levels of neurogranin in plasma, as compared to levels immediately prior to start of ~~treatment~~the slowing progression of the neurodegenerative disease.

17. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-16, wherein the ~~dose of~~medicament comprises obicetrapib or salt thereof ~~is~~ in an amount sufficient to prevent at least one of (i) further decrease in levels of Aβ42 in CSF, (ii) further increase in levels of Aβ40 in CSF, (iii) further decrease in ratio of Aβ42/Aβ40 in CSF, (iv) further increase in levels of neurofilament light (NFL) in CSF, and (v) further increase in levels of neurogranin in CSF, as compared to levels immediately prior to start of ~~treatment~~the slowing progression of the neurodegenerative disease.

18. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of any one of claims 1-17, wherein ~~obicetrapib~~medicament is ~~administered as~~ in the form of a tablet.

19. ~~Obicetrapib, or a pharmaceutically acceptable salt thereof, for~~The use of claim 18, wherein the tablet comprises obicetrapib as the calcium salt.

20. Use of Obicetrapib, or a pharmaceutically acceptable salt thereof, ~~for use in a method of~~in the manufacture of a medicament for slowing the progression of neurodegenerative disease in a subject, wherein the subject has or is at risk of developing a neurodegenerative disease.

~~21. Obicetrapib, or a pharmaceutically acceptable salt thereof, for use in the manufacture of a medicament for slowing the progression of neurodegenerative disease, wherein the subject has or is at risk of developing a neurodegenerative disease.~~

~~22~~21. ~~Obicetrapib or a pharmaceutically acceptable salt thereof, for~~The use of claim 1 or claim 20, wherein the subject is a subject with Early Alzheimer's Disease.

~~23~~22. ~~Obicetrapib or a pharmaceutically acceptable salt thereof, for~~The use of claim 1 or claim 20, wherein the subject is a hetero- or homozygote ApoE4 carrier.

~~24~~23. ~~Obicetrapib or a pharmaceutically acceptable salt thereof, for~~The use of claim 1 or claim 20, wherein the subject is a hetero- or homozygote ApoE4 carrier with Early Alzheimer's Disease.