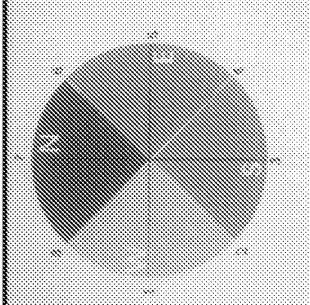


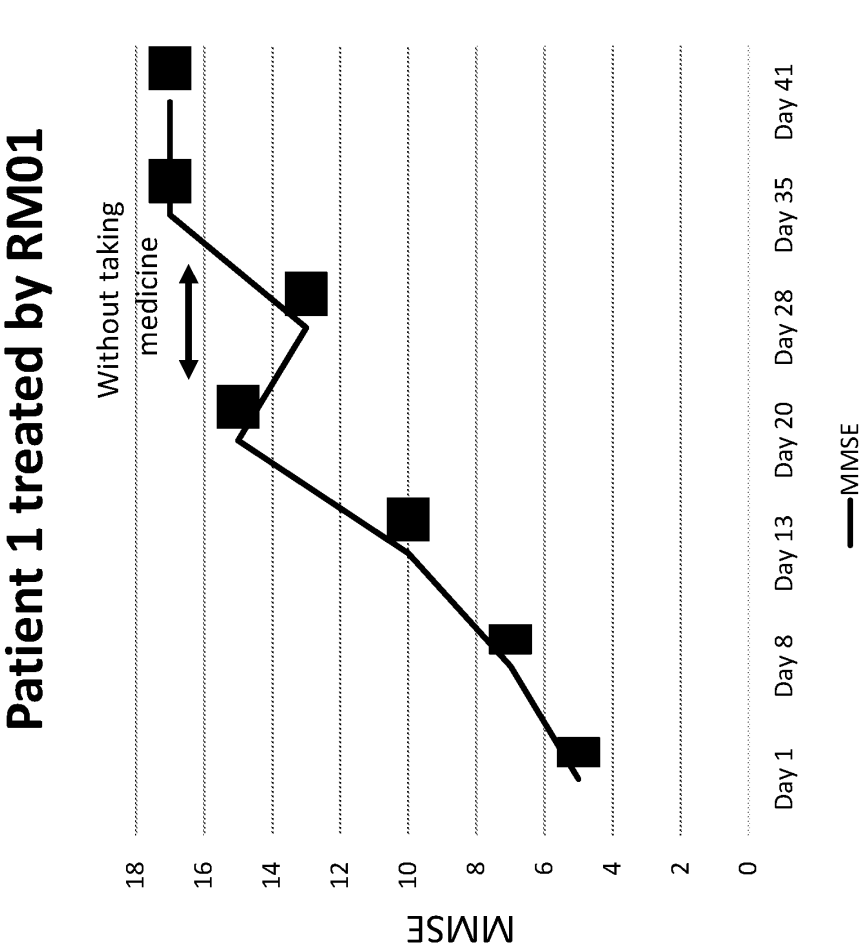
FIG. 1
Mouse spatial learning and memory studies with Morris
Water Maze

	Mouse APP/PS1	Time mouse reaches platform (sec)	Total time mouse stays in E quadrant (sec)	Average distance mouse to original platform (cm)
Month 1				
	Control (average)	12.27	17.86	33.06
	RM01 (average)	11.26	18.23	34.84
	Difference %	15.14%	2.07%	5.38%(-)
Month 2				
	Control (average)	9.95	17.81	34.05
	RM01 (average)	7.96	19.83	31.76
	Difference %	20%	11.34%	6.72%



- Mice were trained for 7 days to learn the location of the hidden platform.
- The platform was removed on day 8 and to allow each mouse searched for the platform.
- Time was measured that the mouse got to the position where the platform was placed.
- Time was measured that the mouse spent in the quadrant where the platform was placed.
- After 1 month treatment, RM01 group mice reached platform faster and stayed in the E quadrant longer, compared to the control group mice.
- After 2 months of treatment, RM01 group mice behavior were even better. The difference between the two groups was larger.

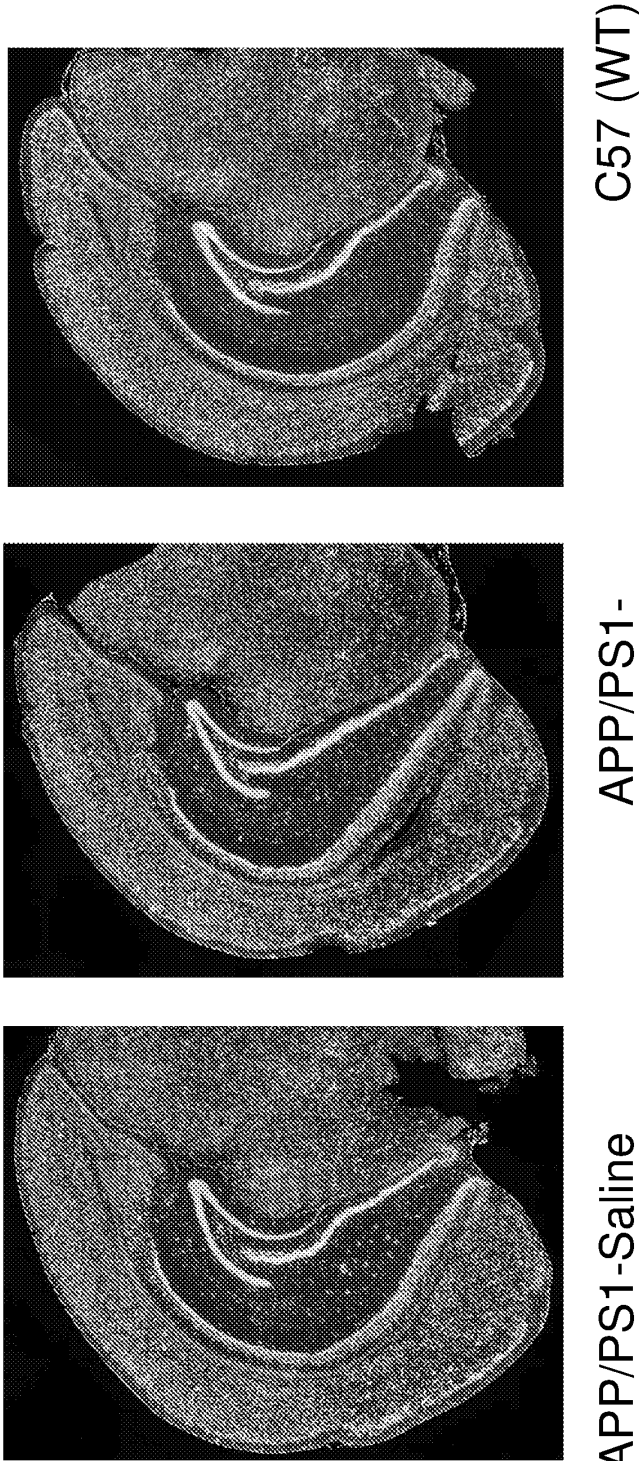
FIG. 2



The patient was treated by RM01.
MMSE was 5 before treatment.
After 35 days treatment, MMSE reached to 17.

FIG.3

RM01 reduced beta amyloid plaques in APP/PS1 mice



Amyloid plaques showed as green spots with the mouse brain.
Left: APP/PS1 mice fed with Saline water. Middle: APP/PS1 mice fed with RM01. Right: wildtype C57 mice.