Complicating the model of LTP
Today’s Papers
Alzheimer’s disease

- Plaques and tangles
- Amyloid beta
- Phosphorylated tau
- Presenilins
Enzymes act on the APP (Amyloid precursor protein) and cut it into fragments of protein, one of which is called beta-amyloid and its crucial in the formation of senile plaques in Alzheimer. (Image courtesy of the National Institute on Aging.)
β-Amyloid Plaques

Image by MIT OpenCourseWare
Presenilin1-2

- Mutations cause high risk for FAD
- 7 transmembrane proteins
- May affect Amyloid Beta cleavage
Questions for next week

• Morris – when should a cued platform be used?

• Halagappa et al. – How does the experiment described in figure 1 affect the interpretation of the experiments in figures 2-4?