

**P011** Using yeast as a model system for studying synthesis and degradation of APP fragments

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APP and its fragments are accepted as playing a central role in the development of AD. Good model systems are needed that will allow us to further understand the quality control mechanisms that make and degrade all of the fragments of APP. If we knew all of the peptide fragments generated, where in the cell this happens and how they are recognized for degradation, in detail, we could maybe start to unravel what goes wrong in AD to give rise to plaques. Our cells should process APP in a non-toxic manner and/or degrade such toxic fragments if they are formed. So what goes wrong in AD? This poster entitled: *Using yeast as a model system for studying synthesis and degradation of APP fragments* will prove how valuable yeast is as a model system for these cellular quality control questions.