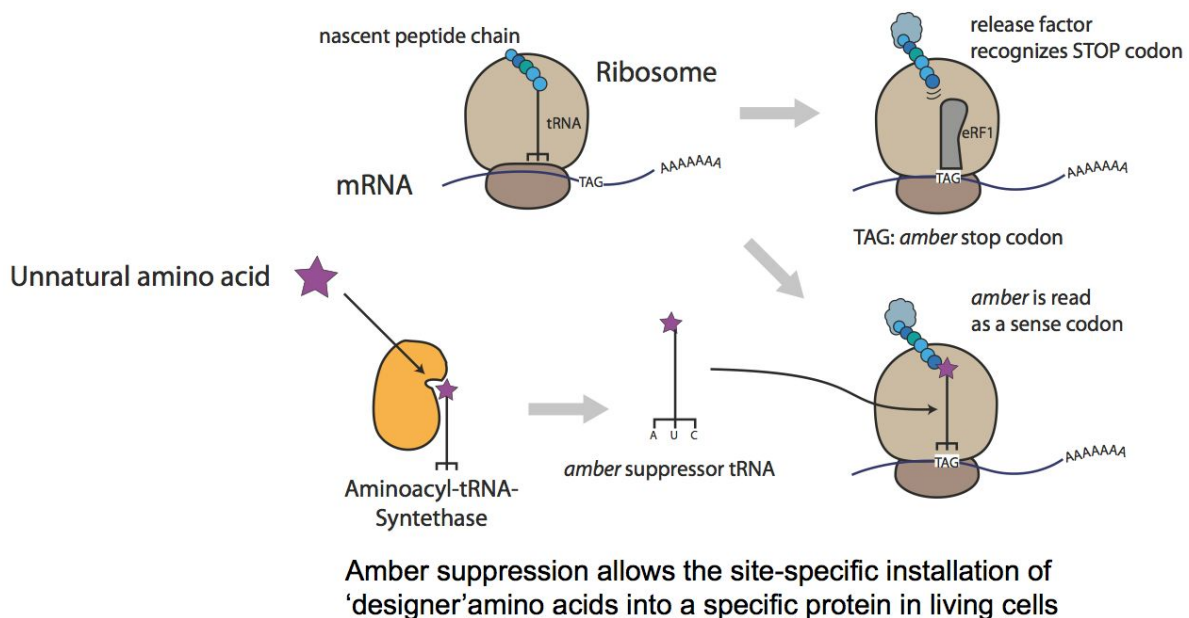


## MSc Project: Genetically encoded photocrosslinkers

Unnatural amino acid mutagenesis, also called amber suppression is a promising technique to control and study protein function in living cells. It relies on expanding the standard genetic code by recoding the amber stop codon to incorporate an unnatural amino acid. We are striving to develop this technique into a robust and general tool for mammalian cell biology, in particular chromatin and stem cell biology.

The project will center on developing genetically encoded unnatural amino acid photo crosslinkers for exploring dynamic protein-protein, -DNA and -RNA interactions.

We are looking for a motivated student with knowledge and experience in cell culture and molecular biology techniques.



### Contact

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