

"Protein engineering - evolving enzymes for fun and profit"

The aims of the projects are to improve enzymes with directed evolution. We want to improve their catalytic and physical properties such as expression, solubility and thermal stability. We will work with enzymes involved in the degradation of organophosphates, glycolytic enzymes and enzymes that confer anti-biotic resistance on their host. The projects require students with a good background in chemistry, an interest in using enzymes for practical purposes and a desire to learn some modern molecular techniques.

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