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Flavin-tag

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Propositions

Belonging to the thesis

Flavin-tag

Exploiting a flavin transferase for protein labelling and engineering

by Yapei Tong

1. Enzymes that recognize a conserved sequence motif to catalyze a covalent modification are good candidates for developing a protein labelling method - this thesis.
2. Flavins are more than catalytic cofactors, they can also be used for protein labelling (Chapter 2).
3. The promiscuity of a bacterial flavin transferase toward a plethora of flavin analogues makes the Flavin-tag method a versatile protein labelling system (Chapter 3).
4. When designing protein variants, computational-aided design strategies are one of the key factors to obtain successful results (Chapter 4).
5. A healthy attitude in research is to hope for the best results, but prepare for the worst.
6. For success in a research project, one has to be persistent and work hard, but also a bit of luck can help.