

Recombinant Proteins

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Within less than thirty years, recombinant proteins became indispensable in biomedical research. Being so common now, it might be useful to think about the way of any protein-of-interest from a mere thought into the lab-fridge. Starting with a short historical background, this talk focuses on basic considerations for recombinant strategies: What is the recombinant protein for? Which physicochemical properties facilitate/exacerbate recombinant protein production? How to find a sufficient expression system? Pro- or eukaryotic expression - is that a question? ...and finally: Do I really have to do this all by myself?