



ProtForge

AI-driven Protein Design

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WHY AI FOR
ANTIBODY
OPTIMIZATION?

SPEED



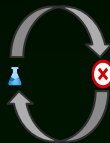
COST



ERROR RATE



TRADITIONAL
METHODS



SLOW



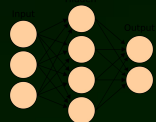
EXPENSIVE



**HIGH ERROR
RATE**



WITH OUR
TECHNOLOGY



50~90%
FASTER



50~70%
CHEAPER

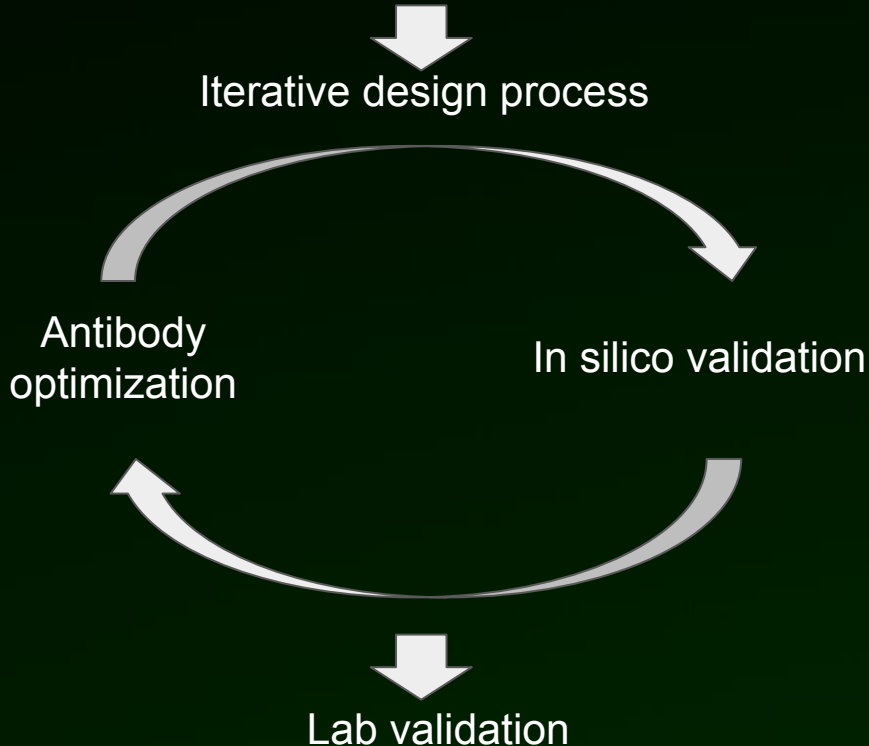


SPECIFIC DESIGN:
MINIMAL ERROR
RATE



HOW DO WE DO IT?

GUIDED VIRTUAL SCREENING TO GET A LIBRARY OF OPTIMISED ANTIBODIES



MUTATION-BASED OPTIMIZATION

- Affinity + specificity
- Stability
- Developability
- ...
- Custom constraints can be applied depending on project needs

WHAT ANTIBODIES CAN WE DO?

Flexible platform applicable to multiple formats

- scFv
- VHH
- Fab
- Bispecifics
- ...
- New formats can also be incorporated based on available data.

Our platform can be specialized using specific data, for example:

- Antibodies against a particular antigen
- Data reflecting a specific property (e.g., stability, solubility, epitope accessibility)

Website



<https://protforge.com/>

Book a meeting



<https://calendly.com/guillermollopis/30min>