

A PLATFORM FOR HTP DEVELOPMENT OF BISPECIFICS



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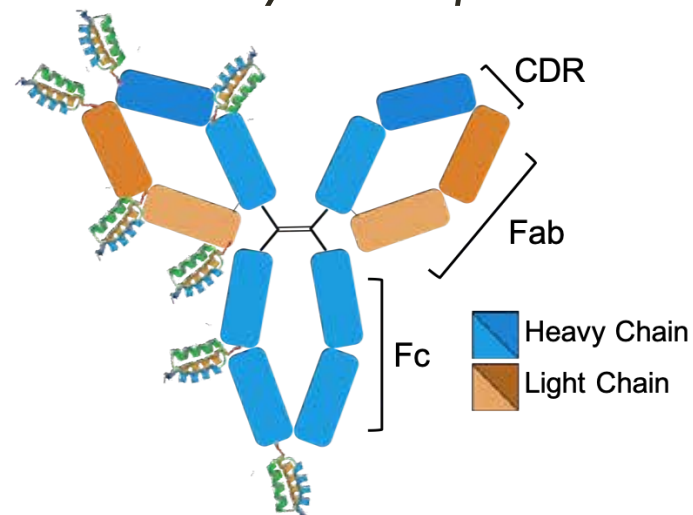
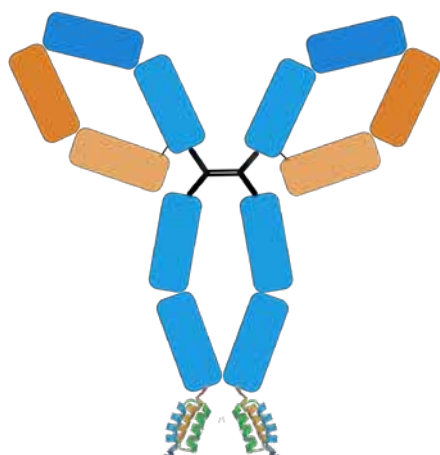
PI: Prof Johan Rockberg

Web: Rocklab.se

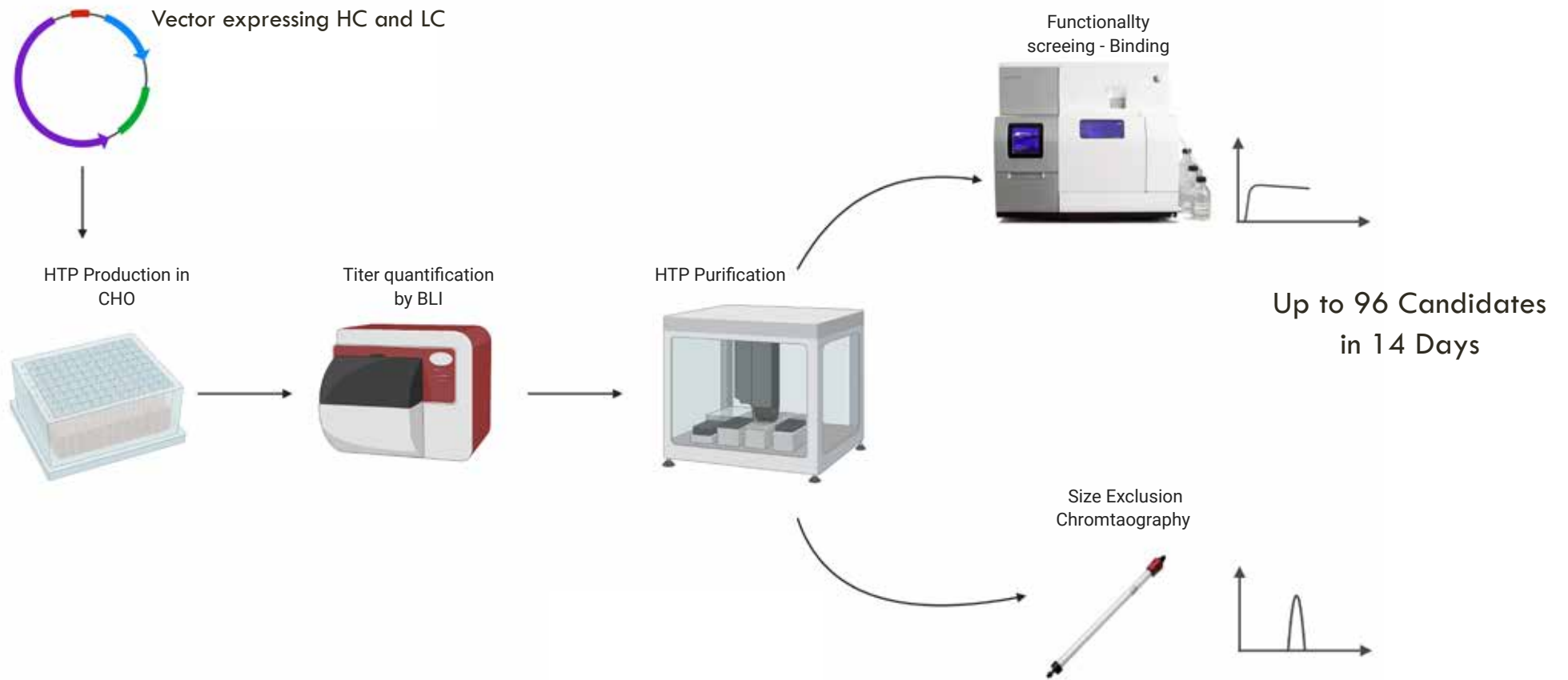
A PLATFORM FOR DESIGN AND HTP DEVELOPMENT OF BISPECIFIC AFFINITY PROTEINS

Develop a **toolbox and workflow** for design, generation and analysis of bi-specific biologicals, AffimAbs to go from idea to an ability to express quantitative amounts for high throughput screening and selection of a leading candidate for trial of **proof-of-concept in vivo**

AffimAbs – Affibody fusion point flexibility

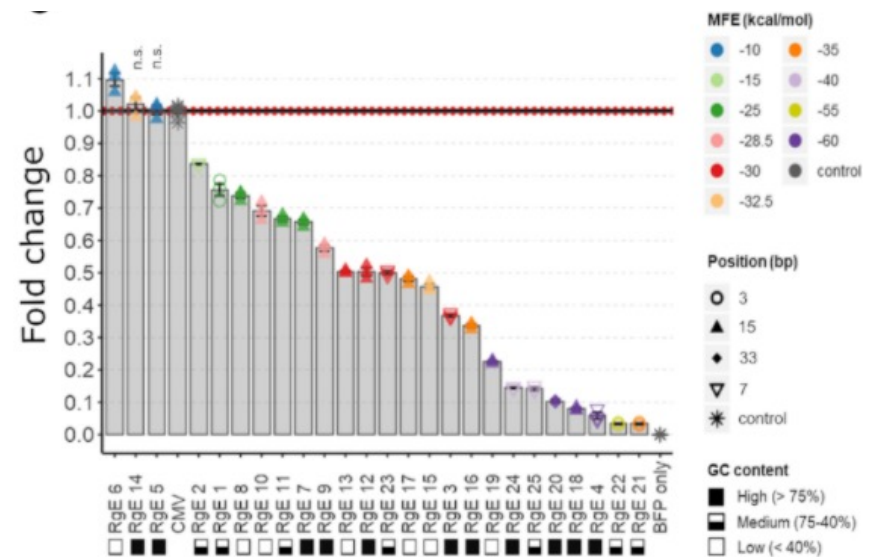
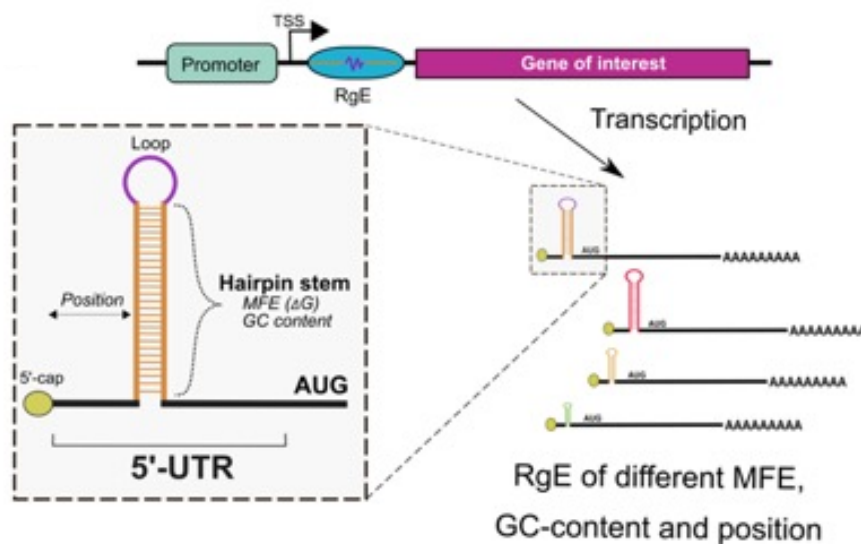


HTP SCREENING PLATFORM FOR DEVELOPABILITY SCREENING OF CANDIDATES



A NEWLY INTRODUCED PLATFORM ELEMENT UTILIZING RNA SECONDARY STRUCTURE ELEMENTS TO TUNE GENE EXPRESSION

- Regulation elements (RgEs) of varying GC content and Minimum free energy (MFE) to regulate translation in a fine tuning manner



PREFERABLE REGULATORY ELEMENT FOUND FOR TUNING OF HC EXPRESSION INCREASING MAB PRODUCT TITER AND QUALITY

