

Structural Biology Services

for Biologics and Biosimilars

Access to three dimensional (3D) structural information increases your understanding and enables you to execute projects faster. This is especially important in projects involving the development of therapeutic monoclonal antibodies. In these projects you can take advantage of and use the structural information for:

- Epitope definition in order to file stronger IP
- Understanding the mode of action
- Structure-based design
- Antibody engineering: affinity maturation, humanization, ADC etc.
- Structural characterization of protein drugs for regulatory purposes



BIOLOGICS



BIOSIMILARS



GENE-TO-STRUCTURE



NMR SERVICES



PROPHECY™ PROTEIN OPTIMIZATION



STRUCTURE-BASED DESIGN

Technology Platform for Biologics and Biosimilars

Our technology platform is focused around state-of-the-art industry-leading technologies for high-throughput protein crystallization and structure determination, protein characterization, structure-based design and a proprietary technology for protein optimization.

Our location in close proximity to the MAX IV Laboratory provides us with extremely rapid access to synchrotron beam time, enabling our highly experienced team to deliver results at a competitive price with turn-around times of 4-8 weeks.

We can assist you in 3D structure determination of Fab-antigen complexes that you provide or alternatively we can also assist you with the production of the antigen through our gene-to-structure capabilities.

