



Mark Abbott

Managing Director

Peak Proteins Ltd

<http://www.peakproteins.com>

Bilateral Meetings

- Thursday (1:30pm - 6:00pm)
- Friday (9:00am - 12:00pm)
- Friday (12:00pm - 4:00pm)

Description

Peak Proteins is a new business but with extensive experience gained from within the pharmaceutical industry of protein science methodologies to aid drug discovery and design. We are able to engineer and make almost any protein to make it suitable for a variety of drug discovery activities such as high throughput screening biophysics based approaches and protein crystallography to determine 3D structures. We additionally have extensive protein crystallography experience of a broad range of different proteins to make them amenable to structural biological approaches of drug design. This can range from the solving of a novel structure to the determination of structures of tens or hundreds of compounds within active sites to drive forward rational design processes.

Organization Type

Company

Organization Size

1-10

Founding Year

2014

Email

mark.abbott@peakproteins.com

Country

United Kingdom

City

Macclesfield, 19g60, BioHub, Alderley Park, SK10 4TG [Google map](#)

Offer

Expertise in the provision of tailored proteins for research and protein crystallography

Peak Proteins staff have more than 70 years experience in the practice of protein science to support drug discovery and design. We are offering research service based activities covered under service agreements and individual quotes. We are able to model and engineer a target protein using a variety of software and bioinformatic packages in order to maximise success for a range of different final uses such as screening, different types of structural biology, biophysics

and in vivo studies. We are using all common prokaryotic and eukaryotic expression systems and have a vast experience in the purification, modification and analysis of proteins to support project delivery.

Similarly we have extensive experience of providing structural biology support to enable structure based drug design. We have a deep understanding of how best to apply all the technologies of protein engineering, purification, crystallisation and crystallography to give the best chance possible of success. In addition we are used to working with medicinal and computational chemists to exploit this information to design better drugs.

Keywords: Drug Design Protein engineering Protein crystallography

Cooperation Offered

1. Technical co-operation
2. Outsourcing co-operation