



Postdoctoral scientist. Protein engineering (Ref: APT-PDPE)

Lonza's Advanced Protein Technologies (Lonza-APT) is a new R&D department created in Cambridge-UK to develop and offer innovative solutions in the development of biopharmaceuticals.

We are looking for highly motivated scientists to participate in an ongoing multidisciplinary research effort in the elucidation of the molecular basis of developability in biopharmaceuticals. The project will combine state-of-the-art bioinformatic tools, protein engineering, molecular and cell biology and statistical analytical methods to identify predictors of quality and developability encoded within protein structural features.

TASKS

You will be involved in the design and expression of antibodies and antibody fragments, characterise their properties and apply bioinformatics to analyse and re-engineer variants with desired properties. You will be liaising with other scientists and participants in the project, both within and outside the department, exchange relevant results and information and participate in the analysis of data and experimental planning of the project.

QUALIFICATIONS

PhD in Biochemistry or similar with relevant experience in protein biochemistry and protein engineering.

SKILLS

Essential: Profound knowledge of protein structure and biochemical & structural characterisation of proteins. Must have demonstrable hands-on experience in protein engineering, preferably on antibodies and antibody domains. Competent in molecular and cell biology, protein chemistry and immunoassays as well as protein purification and analytical techniques.

Desirable: Specific knowledge of antibody structure and biochemistry. Background in antibody engineering and mammalian expression. Basic (user) notions in protein modelling and antibody sequence analysis will be favourably considered.

QUALITIES & ATTITUDE

A team player, able to share knowledge with others and actively participate in scientific discussions with other members of the APT team and collaborators. Able to work independently to an established plan, prioritise and work to tight deadlines. Essential to have good communication skills and a problem-solving attitude.

DURATION

Position for 3 years

SALARY. At Lonza we offer a very competitive package and remuneration in accordance with the quality of the applicant.

ARE YOU INTERESTED?

If you are interested in this opportunity please apply online via our e-recruitment platform (find link below) and search for position **APT-PDPE** in the full text box

http://www.lonza.com/group/en/company/c1/s_a/Sa1.html