



Research Associate –Structural and chemical biology
to generate hypotheses for drug discovery

Newcastle University Translational and Clinical Research Institute

Faculty of Medical Sciences

Requisition ID 8863

Closing date: 11 July, 2021

The Role

You will be part of a team based in the Newcastle Cancer Centre that will use structural, chemical and cell biological tools to understand the roles and mechanisms of CDKs so as to generate hypotheses for drug discovery. You will use contemporary structural, biochemical, and biophysical techniques to characterise CDK complexes involved in the control of the eukaryotic cell cycle and the regulation of transcription. You will be an accomplished researcher with experience in inter-disciplinary protein structure determination and good familiarity with cryo electron microscopy and X-ray crystallography. You will design, implement and deliver novel strategies to prepare protein complexes. You will have experience in solving and analysing protein structures at high throughput. You will also have experience in using biophysical techniques to characterise protein structure, function and regulation. You will work within a large multi-disciplinary team that includes biologists, structural biologists and chemists.

The position is funded by the Medical Research Council and is available on a fixed term basis for 5 years, available from 1st August 2021.

Informal approaches can be made to Professor Jane Endicott (jane.endicott@ncl.ac.uk) or Professor Martin Noble (martin.noble@ncl.ac.uk)

Information about the Cell Cycle Structural Biology Group can be found at:
<https://research.ncl.ac.uk/cellcyclestructuralbiology/>

Information about the Faculty of Medical Sciences is available at:
<https://www.ncl.ac.uk/medicalsciences/>

To view full job description and link to apply visit:
<https://jobs.ncl.ac.uk/job/Newcastle-Research-Associate/683625301/>