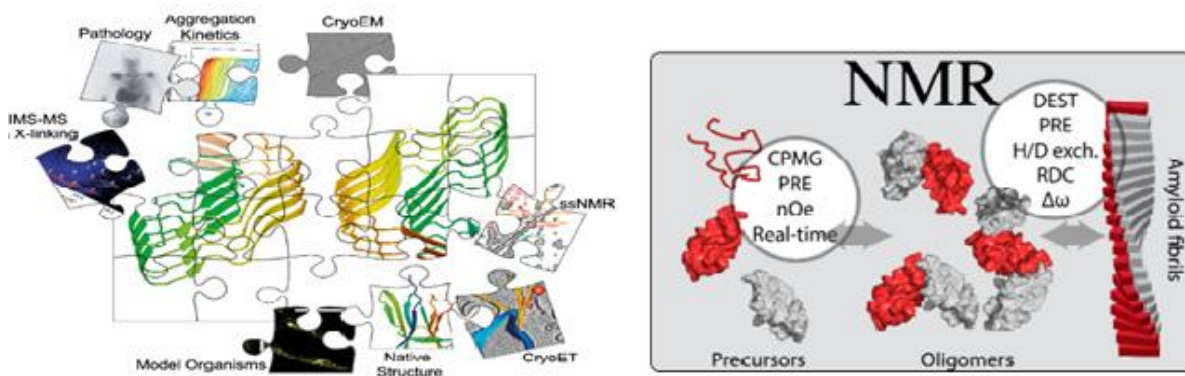


An opportunity in the highly-interdisciplinary Radford Laboratories at the University of Leeds – please come and join our amazing team in one of the most popular cities in the UK!



**FBSAS1057, Research Fellow in Biophysics/Biological NMR,
Astbury Centre for Structural Molecular Biology and
School of Molecular and Cellular Biology**

To investigate how proteins aggregate into amyloid fibrils, including the link between disease-relevant mutations, post-translational modifications and fibril structure. Funded by Wellcome, you will use biological NMR and other biochemical and biophysical methods to map the early protein-protein interactions in amyloid formation and to discover new routes to prevent or control these interactions using small molecules, chaperones, or other approaches. You will have expertise in the analysis of protein structure and dynamics using modern biomolecular NMR approaches combined with computational analysis and/or other biophysical and biochemical methods to interrogate how ligands bind and affect protein assembly. The project will focus on a range of amyloid diseases, including type II diabetes, Parkinson's and systemic amyloidosis.

You will be based in the laboratory of Professor [Sheena Radford](#) and work closely with other members of our amyloid group that bring skills in cryoEM, biophysics, cell biology and peptide chemistry to the team ([Radford lab](#)). You should have a PhD (or be close to completing one) in Structural Biology, Chemical Biology, Biochemistry, Biophysics or a related discipline, and you should have extensive experience of using biological NMR and other biophysical methods to elucidate biological mechanisms.

Please see <https://jobs.leeds.ac.uk/vacancy.aspx?ref=FBSAS1057>

Please email s.e.radford@leeds.ac.uk for an informal discussion