

NMR FACILITY MANAGER



Randall Centre for Cell and Molecular Biophysics School of Basic and Medical Biosciences King's College London

This is to give notice that the position of NMR Facility Manager in the Randall Centre for Cell and Molecular Biophysics within the School of Basic and Medical Biosciences at King's College London will become available from May 2020.

The NMR Facility manager will manage and operate the biomolecular NMR core facility within the Centre for Biomolecular Spectroscopy funded by The Wellcome Trust and the British Heart Foundation

(<https://www.kcl.ac.uk/innovation/research/corefacilities/smallrf/biospectroscopy/facilities/nmr>).

The successful applicant will be working in a dynamic and exciting research environment and will be actively involved in research collaborations across the Medical and Health Schools at King's. Primary responsibilities include spectrometer operation, data analysis and interpretation, training, scheduling and supervision of users and routine maintenance of the NMR instrumentation. The current facility includes a new Bruker 800 MHz three-channel instrument equipped with cryoprobe, a Bruker 700 MHz four-channel instrument equipped with cryoprobe and sample changer, a new Bruker 600 MHz with triple resonance prodigy probe, HR-MAS probe and sample changer, and a Bruker 400 MHz equipped with MAS.

The Centre supports a large and vibrant research community at King's from structural biology to drug discovery and metabolomics. The NMR Facility provides a centre for scientists from 18 departments spread over 4 Faculties, including biologists, chemists and clinicians. It has and will continue to promote exchange of ideas and catalyse unique and innovative interdisciplinary approaches for tackling fundamental biomedical questions and meeting new therapeutic challenges in the fields of cardiovascular disease, neurological disorders, diseases of pregnancy, viral infections, allergic diseases and cancer.

Candidates should have a Ph.D. and post-doctoral experience in biochemistry, biophysics, structural biology or a related discipline, extensive experience with the day-to-day operation of high field NMR spectrometers and the application of NMR to problems in structural biology. Familiarity with NMR software development and/or spectrometer hardware and electronics would be a distinctive advantage.

The post is permanent and available from May 2020. The successful candidate will be a member of the Randall Centre based on the Guy's Campus.

Interested candidates are encouraged to contact Prof. Sasi (Maria) Conte by e-mail sasi.conte@kcl.ac.uk or phone +44 (0)20 7848 6194 for more information about the post and details.