



900 MHz NMR System User Agreement



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HWB•NMR operates to facilitate state of the art research and educational activities for its users, collaborators and partners. Users are encouraged to operate the instruments on their own after authorisation by HWB•NMR staff.

It is expected that each person who is approved to be a NMR operator will have, at the minimum:

- *prior experience on a modern NMR instrument*, either through outside NMR activities or hands-on training
- *a Bachelor degree or equivalent in the biological, chemical or physical sciences.*

It is expected that HWB•NMR users have familiarised themselves with the NMR instrument and probe manuals. An NMR GUIDE is also available upon request from the Operations Manager to provide a basic introduction to NMR theory and applications.

Those not meeting this criterion will be expected to attend a training course on the operation of the appropriate NMR spectrometer offered by the HWB•NMR staff. Training sessions for small groups and individuals are scheduled according to demand. The extent of training will depend on the complexity of the experiments required for the project. Each person requesting operator status will be required to demonstrate competence on the instrumentation to HWB•NMR staff members before being permitted unsupervised access to the spectrometers.

Responsibilities for HWB•NMR Charges and Damages

- Users are responsible for *damage that results from samples that are explosive, pressurized, chemically corrosive, radioactive, biologically dangerous, or that otherwise pose unusual hazards to instrumentation or personnel.* In all such cases, prior permission and advice should be sought with regard to these special samples, but permission does not absolve any user from responsibility for whatever harm their samples may cause HWB•NMR's spectrometers or probes.
- Researchers use HWB•NMR resources with the understanding that *users may be held responsible for damages incurred as a direct result of unsafe or negligent use of the instrumentation.* This obligation does not extend to responsibility for damage that occurs accidentally and unavoidably during normal use. Any possible damage must immediately be reported to HWB•NMR staff.

Standard Operating Protocols

Users must understand and agree to HWB•NMR's standard operating protocols and policies including the "Principles of Use", "Security Management Policy", and "Sample Submission" before gaining access to spectrometers. A 2 hour training module on safe and effective use of the NMR equipment is offered to all new users quarterly. These will be emailed upon receipt of an "application for access" form.

Publications

Publications containing data obtained at the HWB•NMR should acknowledge use of HWB•NMR and support from the Wellcome Trust, HEFCE, and the University of Birmingham. It is also important to provide HWB•NMR with PDF files or reprints of each publication in which data obtained at HWB•NMR is cited to assist in fulfilling the annual reporting requirements.

I hereby agree to the conditions summarized in this access agreement:

User Signature

User Name (BLOCK CAPITALS)

Date

Please email the completed form to Sara Whittaker at s.b.m.whittaker@bham.ac.uk or fax +44 (0)121 414 8357. If you have any questions or comments about this agreement, please phone +44 (0)121 414 8358.