

## Biochemistry NMR Lab Safety Form

All users of the Biochemistry NMR instruments must receive the institutional MRI Safety Training and complete this form before access to the room can be granted.

### Critical Safety Rules:

1. Users with cardiac pacemakers or other implanted devices (metal-containing, magnetic, electronic, or mechanical) should consult with and seek permission from their doctors before entering the magnet rooms. These users are not allowed to enter the 5 Gauss line.
2. No metal objects (tools, scissors, staplers, paper clips, gas cylinders, and other ferromagnetic elements such as iron, nickel, cobalt and their alloys) can be brought into the magnet rooms. Personal items such as cellphone, keys, watch, and wallet should be placed on the computer tables upon entering the magnet rooms and stay outside of the 5 Gauss line.
3. In case of a magnet quench:

**Leave the room immediately** and contact

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A magnet quenches when it loses its superconductivity. All the liquid cryogens will turn into gases within 30 seconds. This event is potentially deadly (suffocating) to operators.

Video: [https://www.youtube.com/watch?v=d-G3Kg-7n\\_M](https://www.youtube.com/watch?v=d-G3Kg-7n_M)



I have read this document and understand and accept the risk and responsibility associated with operating the NMR instruments.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

PI: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_