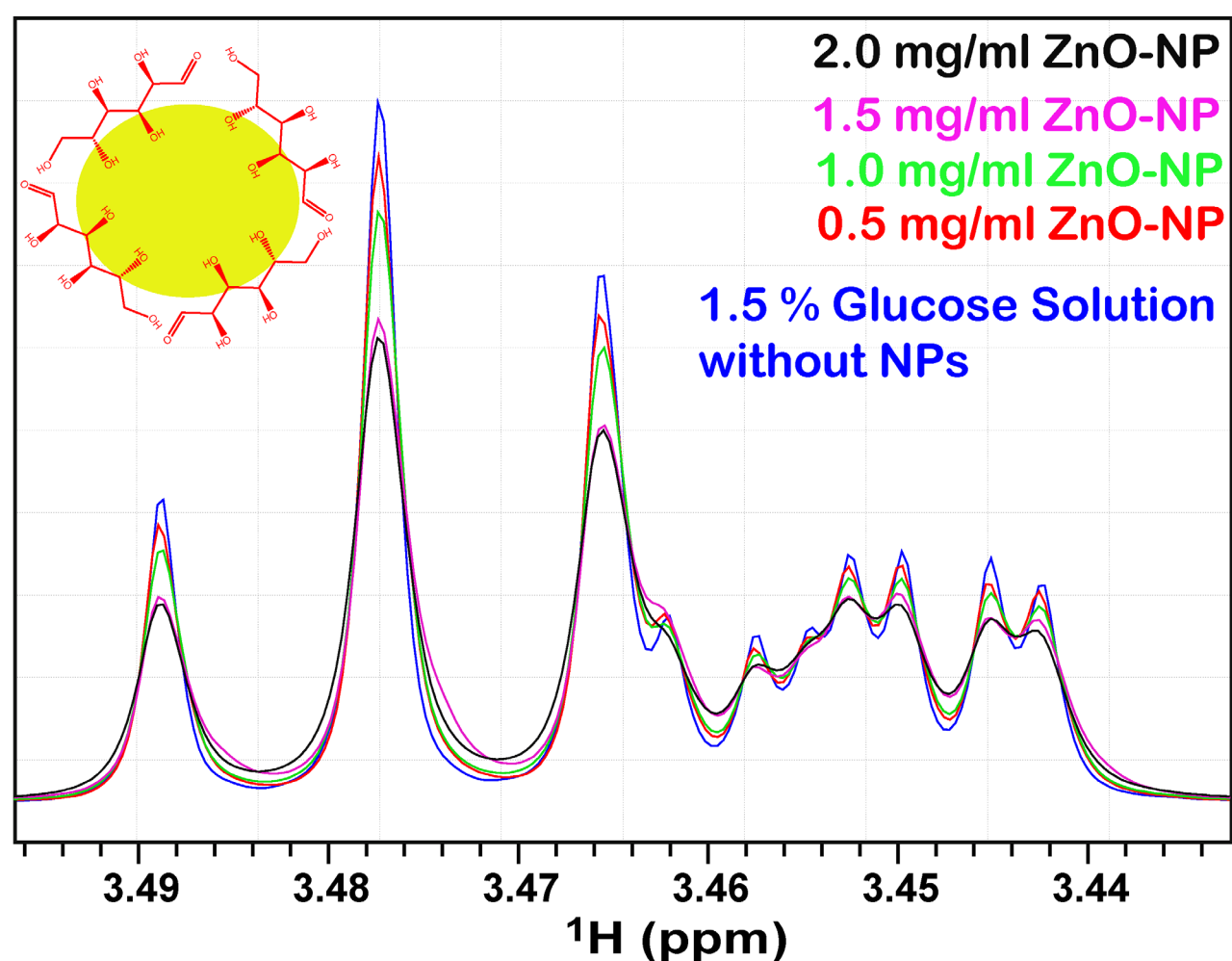


5

NMR is *Science*



1.5% glucose solution containing different concentrations of zinc oxide nanoparticles

Anupam Guleria, 2015

NanoMedicine Department | Centre of Biomedical Research (CBMR)

Field strength: 800 MHz

Why is this your favorite spectrum?

The overlay shown in the spectrum helped me to rationalize the significantly increased hydrodynamic radius of zinc oxide nanoparticles in a solution containing 1.5% glucose.

Glucose interacts with zinc oxide nanoparticles (ZnO-NP) as revealed by 1D ¹H NMR.