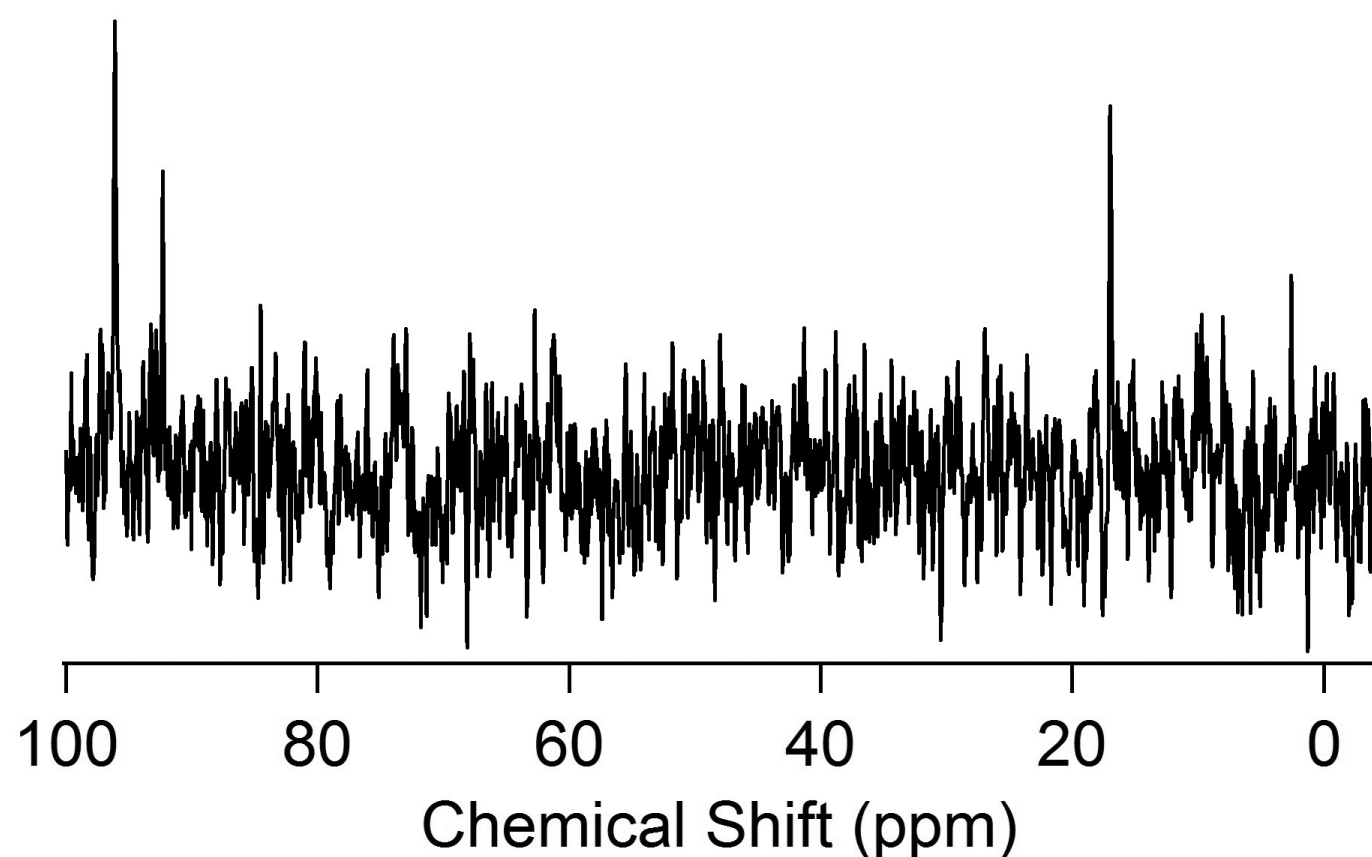


nmr is science



Yeast metabolism of [1-¹³C] glucose

Peter Niedbalski, 2016

Physics Department | The University of Texas at Dallas

Field strength: 1 T

Why is this your favorite spectrum?

I love this spectrum because it shows the possibility of using NMR for metabolic studies even at low magnetic fields. Twenty minutes after mixing yeast and [1-¹³C] glucose (final concentration in solution 130 mM), peaks corresponding to glucose and ethanol are clearly visible in this spectrum with only four minutes of signal averaging.