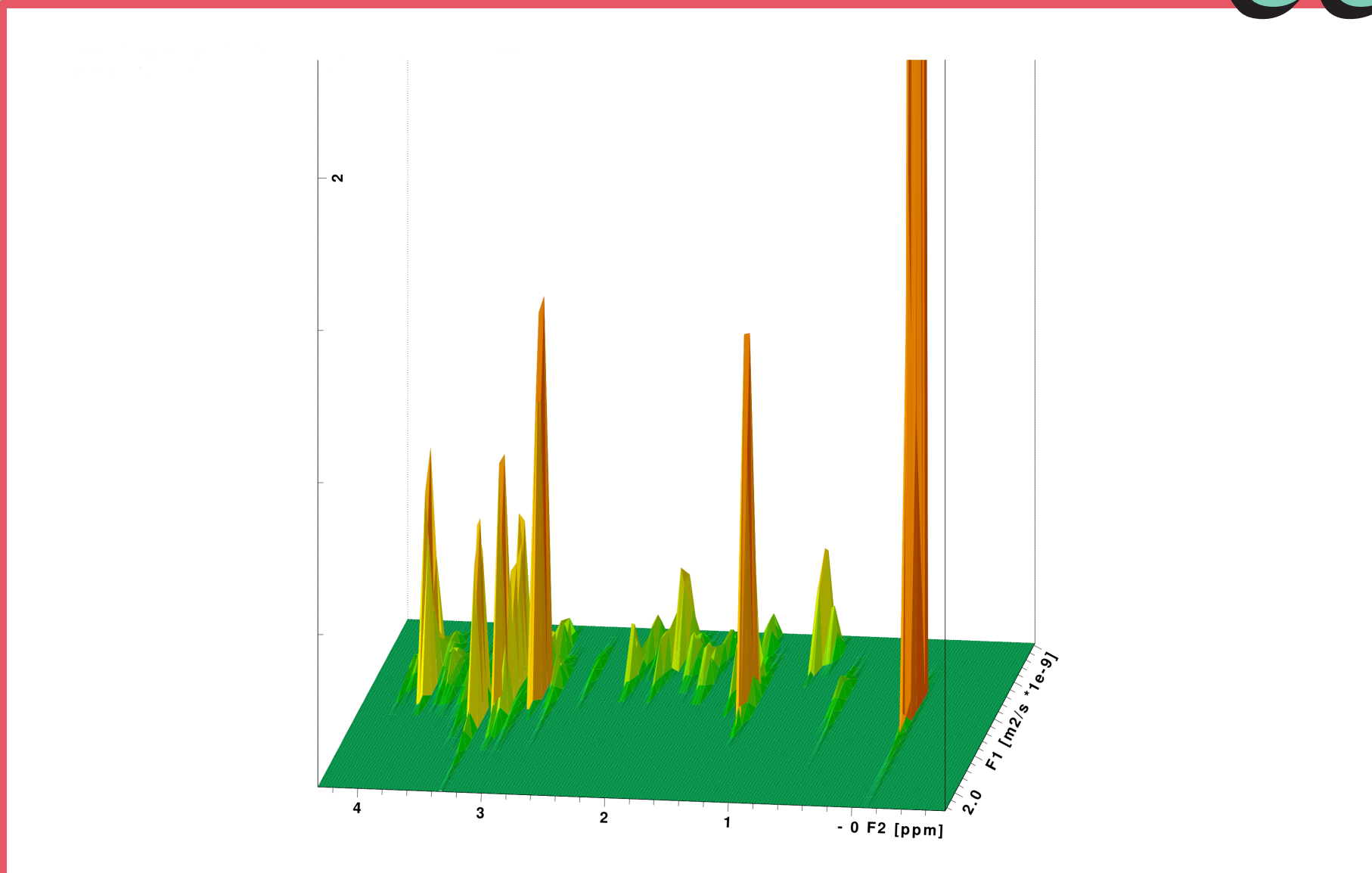


5

NMR is *Art*



*Mouse cerebral sample*

**Stuart Parnham, 2015**

Biochemistry Department | Medical University of South Carolina

**Field strength:** 600 MHz

**Why is this your favorite spectrum?**

This study was conducted as a proof of principle. The question was asked whether NMR could distinguish between GSH and GSSG in a small quantity of brain tissue. Using a DOSY pseudo-2D pulse sequence with watergate solvent suppression, we were able to identify and quantify them. I've submitted this as "art" because of the simplicity and beauty of the brain metabolite landscape.