The Nucleus I Like Best
by Greg Crowther

There's fifteen N,

nineteen F, and also thirteen C.

But of all the atoms

East to West, the nucleus I like best is thirty-one P.

Proton spins are everywhere, and MRIs reveal their density.
But all that leaves me

un-im-pressed; the nu-cle-us I like best is thir-ty-one.

[instrumental]
Take a limb, get it shimmied, and sample from the
calciu
m muscles that you see.

A spectrum lets you quantify the PCR, Pi, and ATP.

Cell pH can be deduced from the inorganic phosphate frequency.

You can likewise measure magnesium
Using the chemical shift of ATP.

If you scan a leg or hand during stimulation and recovery,
the spectra let you find the rates of rising and creating.

Now NMR can take you far beyond this type of phosphate chemistry.

but I've come clean and I've confessed: the nucleus I like best is thirty-one.

Yes,
D  A  Bmin  G
I've come clean and I've confessed: the nucleus I like

A  D
best is thirty-one - P.

D