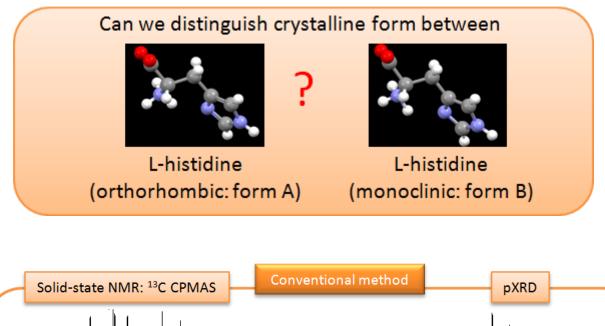


Solid-State NMR Meets Electron Diffraction

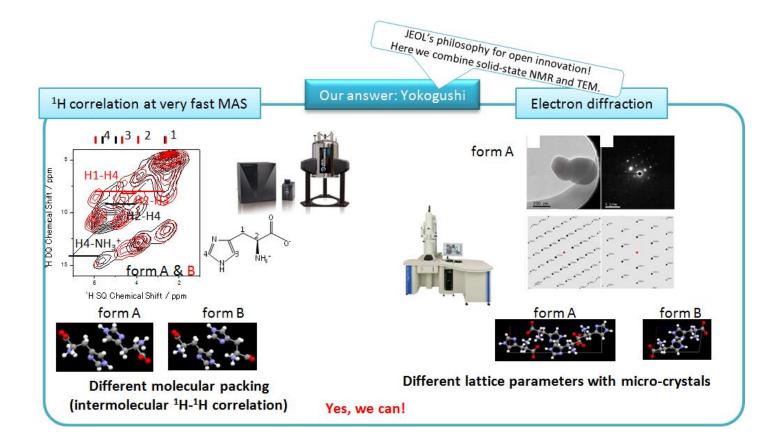
NM170002

To distinguish crystalline form of small molecule, powder X-ray diffraction and ¹³C CPMAS solid-state NMR are widely used. Here, we introduce a combined approach of ¹H solid-state NMR at ultrafast MAS and electron diffraction using TEM to overcome the difficulty which powder X-ray and ¹³C CPMAS solid-state NMR have.





JEOL



Reference

Oikawa, T., Okumura, M., Kimura, T. & Nishiyama, Acta Cryst. C73 (2017) 219-228.