

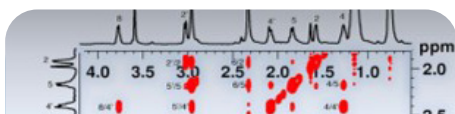


WHAT WE OFFER : SERVICES & EXPERTISE

ASM

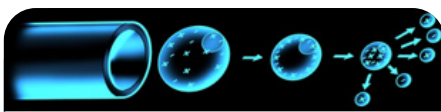
Structural Analysis of Molecules

- Service and expertise in analytical techniques: NMR, MS, SC-XRD/ PXRD and HPLC, in the context of chemistry, catalysis and materials science
- Structural characterization and molecular analysis of chemical, biochemical, and material samples, ranging from small molecules to complex systems
- Technical advice and consultancy / User training (basic to advanced) / Custom analyses and service measurements
- Analysis, feasibility tests and data interpretation realized by highly qualified UCLouvain members



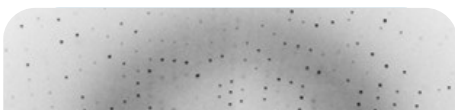
NMR

- Liquid and solid-state NMR analysis
- Structural characterization of chemicals
- Data analysis and interpretation
- Method development



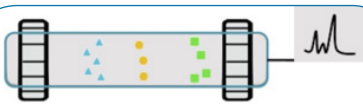
MS

- High-Resolution Mass Spectrometry (HRMS)
- LC-MS and LC-MS/MS Analysis
- Custom Method Development
- Trace detection and confirmation



SC-XRD/PXRD

- 3D-structure determination
- Polymorphism
- Absolute configuration



HPLC

- Method development and optimization
- Qualitative and quantitative analysis
- Technical support and expertise

CONTACT

NMR

Gabriella Barozzino-Consiglio
Platform manager &
Research Logistician
gabriella.barozzino@uclouvain.be
+32(0)10/47.90.92

SC-XRD/PXRD

Koen Robeyns
Research Logistician
koen.robeyns@uclouvain.be
+32(0)10/47.27.70

MS and HPLC

Laurent Collard
Research Engineer
laurent.collard@uclouvain.be
+32(0)10/47.87.76

Picture credits: ASM - Yvan Flamant

www.uclouvain.be/asm