



# PLATEFORME D'ANALYSES DES GLYCOCONJUGUES



## (PLATFORM SKILLS)

PAGés is an intellectual and technical support in glycanic and glycoprotein structural research. This platform is dedicated for glycan and glycoconjugates analysis whatever they are (*i.e.* glycolipids, glycoproteins, polysaccharides, oligosaccharides...). It is an open platform for both academic and private research. Its main aim is to determine the glycan sequence from diverse molecules (*e.g.* : energy store or structural polysaccharides, constitutive oligosaccharides, post-translational modification...). PAGés is open for student teaching and gives training courses.

### PEOPLES :

- Dr [Bernadette Coddeville](#) : Mass spectrometry / Surface plasmon resonance (SPR)
- Dr [Yann Guérardel](#) : Mass spectrometry, sugar chemistry, Scientific expert
- Dr [Frédéric Krzewinski](#) : High Performance Liquid Chromatography
- Dr [Emmanuel Maes](#) : Nuclear Magnetic Resonance (NMR), Sugar chemistry, [GlycoBase](#)
- Mme [Dounia Mouajjah](#) : nano- and micro-LC MS
- Dr [Olga Plechakova](#) : Bio-informatic
- Dr [Xavier Trivelli](#) : Nuclear Magnetic Resonance (NMR), Chemistry

### SKILLS :

- Monosaccharide Composition and quantification
- Primary sequences, configuration and anomery
- Sialylation states, study of complex mixture
- Databases

### KEY-WORDS :

Polysaccharides, Oligosaccharides, Glycolipids, Glycoproteins, Prokaryotes, Eucaryotes, Database

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