



# 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 course.

### 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](#)
- 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

Dr Yann Guérardel (Scientific advisor) : +33 (0)3 20 43 69 41  
Dr Emmanuel Maes (Technical advisor) : +33 (0)3 20 33 63 47

eMail : [Plateforme-PAGES@univ-lille1.fr](mailto:Plateforme-PAGES@univ-lille1.fr)  
<http://ugsf-umr-glycobiologie.univ-lille1.fr/>

Building C9, desk 215

Unité de Glycobiologie Structurale et Fonctionnelle, UGSF, IFR 147  
Université Lille 1, F-59655 Villeneuve d'Ascq

