



# PLATEFORME D'ANALYSES DES GLYCOCONJUGUES



## (PLATFORM SKILLS)

PAGés is a 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. His main aim is to determine the glycan sequence from diverse molecules (*e.g.* : energy store or structural polysaccharides, constitutive oligosaccharides, post-traductional modification...). PAGés is open for student teaching and gives training course.

### PEOPLES :

- Miss [Charlotte Clarisse](#) : Mass spectrometry, sugar chemistry (GC-FID, GC-MS)
- Dr [Emmanuel Maes](#) : Nuclear Magnetic Resonance (NMR), Sugar chemistry, [GlycoBase](#)
- Dr [Nao Yamakawa](#) : Mass spectrometry, nano- and micro LC-MS, HPLC

### SKILLS :

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

### KEY-WORDS :

Polysaccharides, Oligosaccharides, Glycolipids, Glycoproteins, Procaryotes, Eucaryotes, Database



Dr Emmanuel Maes (responsable scientifique)  
Dr Nao Yamakawa (responsable technique)  
eMail : [Plateforme-PAGES@univ-lille.fr](mailto:Plateforme-PAGES@univ-lille.fr)  
website : [plateforme-pages.univ-lille.fr](http://plateforme-pages.univ-lille.fr)  
[Bât. C9, Bureau 215](#)

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

