

**10 years of expertise in
glycobiological interactions studies
and complex carbohydrate analyses**

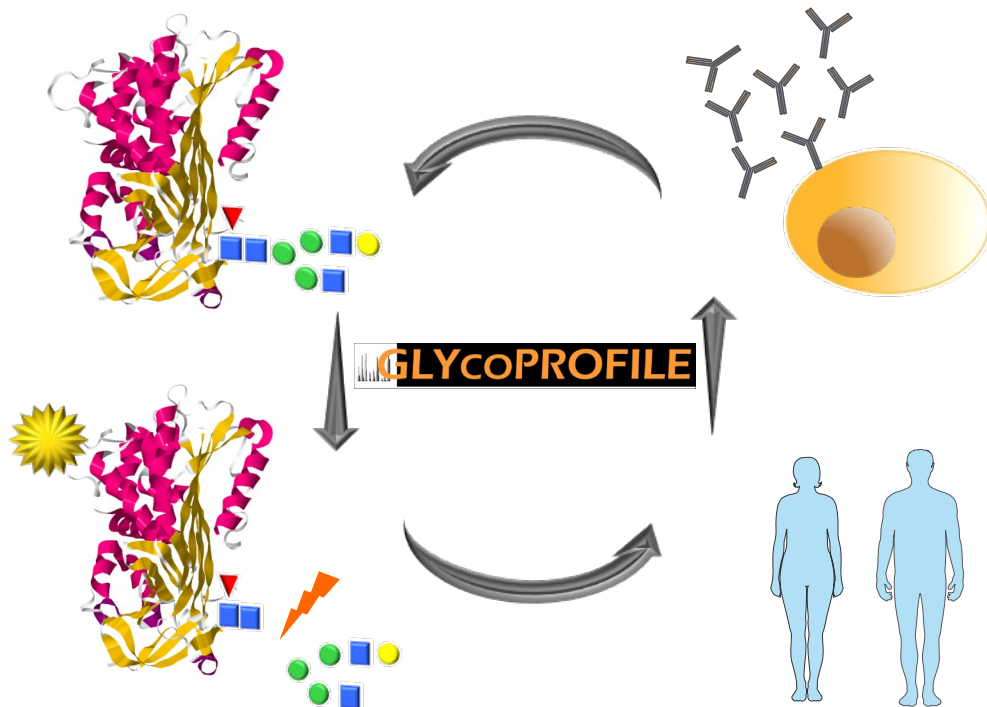
Through his GLYcoPROFILE® technology, GLYcoDiag helps his customers to speed-up your **biotherapeutic projects (recombinant glycoproteins, vaccines, diagnostic)**.

Glycan signature characterization:

Glycoprotein fingerprinting (patent)
Immunogenic glycan detection
Biosimilar glycoprofile vs original molecule

Cell glycosylation monitoring:

Screening and selection of clones
Cell surface glycan signature



Support for pre-clinical studies:

Glycosylation modification (ADCC improvement)
Labelling

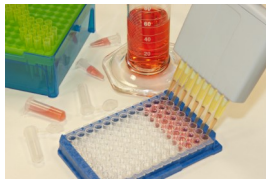
Diagnostic:

Research and identification of glyco-biomarkers
Companion diagnostic

➡ **Turn and see our specialized products and services**



Dedicated kits for research use



Immunogenic motifs detection kits:

- Galili
- NeuGc

Specific glycans detection kits:

- Sialic acid linkage balance
- Core Fucose (ADCC)

LEctPROFILE® kits

GLYCOPROFILE strategy

Glyco-analysis

Neutral and sialylated monosaccharides identification (HPAEC-PAD)

Determination of glycans structure and glycosylation sites (MALDI-TOF, ESI MS/MS, performed with our partner Proteodynamics)

Glycan signature characterization

Add complementary and relevant information regarding glycans and their accessibility

Confirms analytical results and strengthens your clinical validation file

Lectin-Glycan interaction study

Characterization of the unique glycan signature of your glycoconjugate (add value to patents)

Batch to batch monitoring

Glycoproteins modifications for pre-clinical studies

Glycoprotein labelling

Biotinylation, fluoresceinylation

Glycan processing

Selective enzymatic deglycosylation

Removal of immunogenic motifs

Monitoring and improvement of antibody effector function (ADCC)

Support for the development of diagnostic tools

Identification of biomarkers

Development of kits specific for the detection of glycans on biomarkers (eg : TSH, PSA...)

Companion diagnostic

Simultaneous development with your recombinant therapeutic glycoprotein

