

# GAME-XXL, DESIGNED BY BIOASTER, Genomic And Metabolic Engineering

Expression system engineering for improved quality and increased production of lipidated lipoproteins

## INTEREST

Potential applications:

- Improve lipoprotein lipidation
- Non native lipidated proteins
- Universal lipidation tool for addition of TLR2 agonist activity

## ADVANTAGES

- Improve robustness of production process
  - Decreased CoGs
- Streamlined analytical tools

## KNOW HOW

- Vector optimization
- Multiomics & functional analysis workflow
- Host system engineering and optimized process

## IMPLEMENTATION OF INNOVATIVES TECHNOLOGICAL APPROACHES

