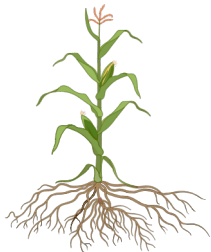
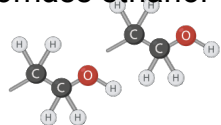


Corn stover



Biomass ethanol



low productivity

Why?

dilute sulfuric acid

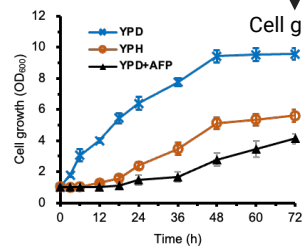
Hydrolysate



treatment

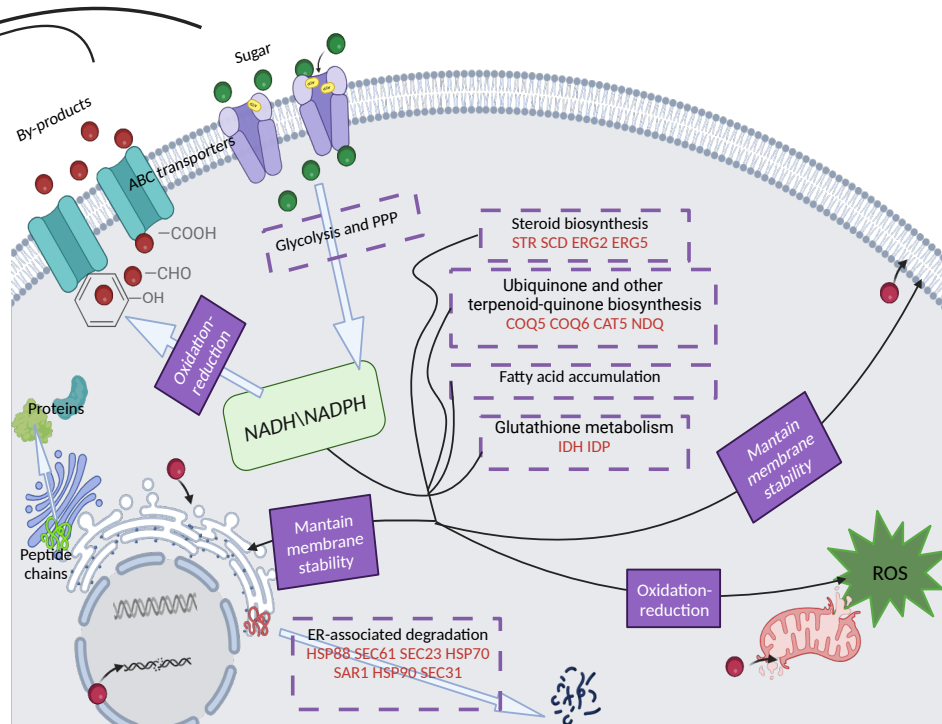
Candida tropicalis

Cell growth



Components of the hydrolysate

UPLC-MS/MS and GC-MS



Response mechanism

RNA-Seq and qRT-PCR Assay
2-DE and MS

observation of subcellular structures

