

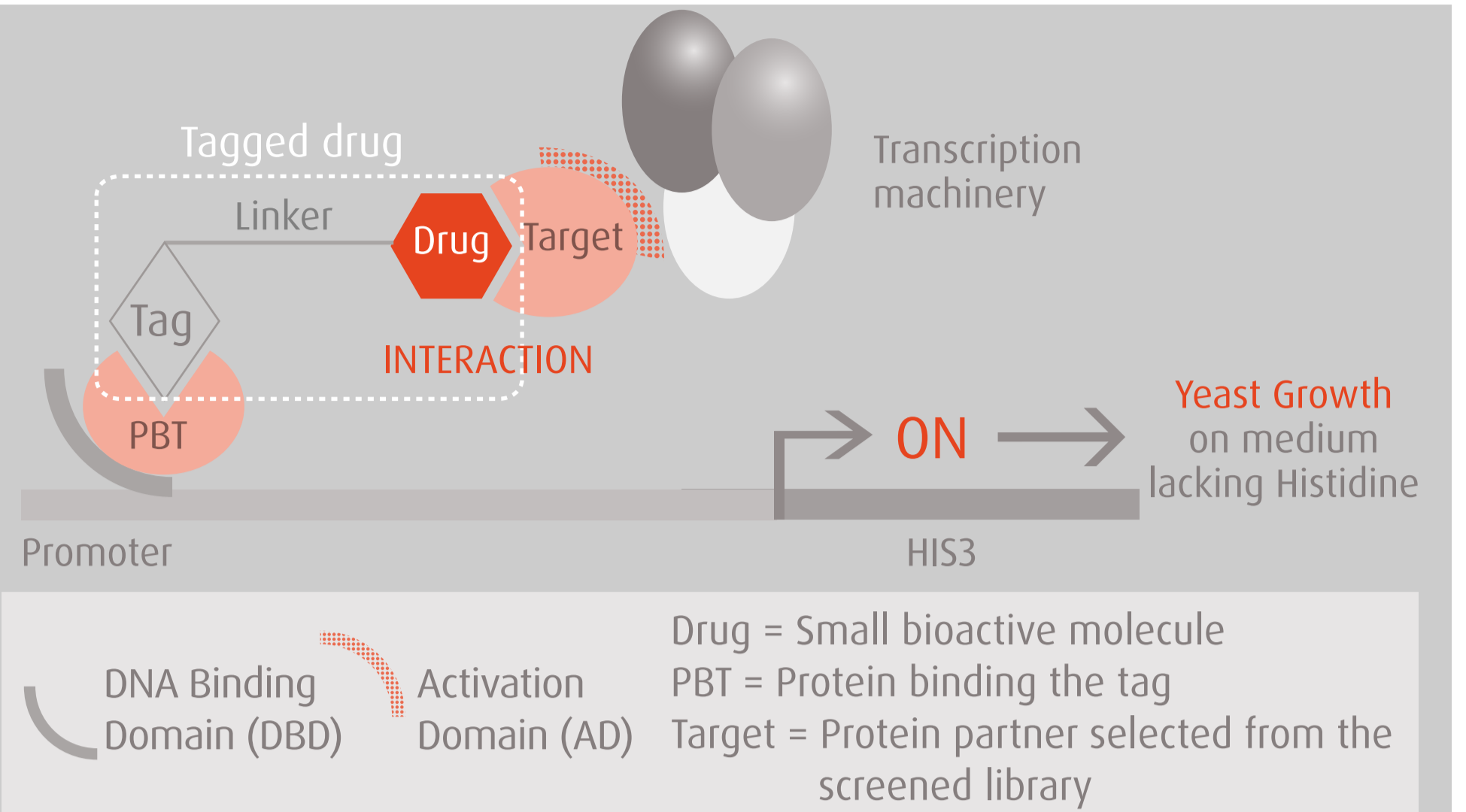
Check out our unique Target Deconvolution technique

HYBRIGENICS SERVICES

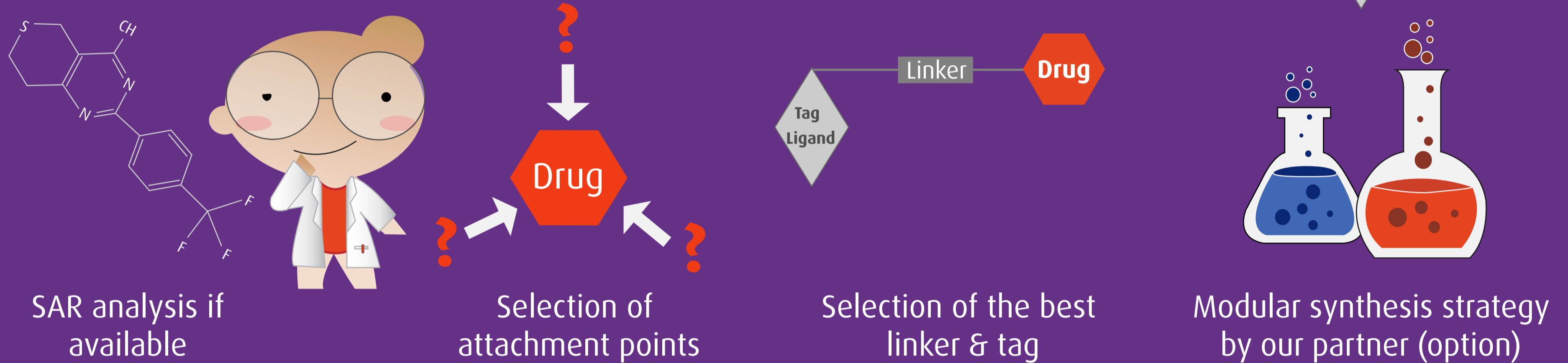
ULTimate YChemH Technical Process

Chemical Yeast 3-Hybrid (CY3H) principle

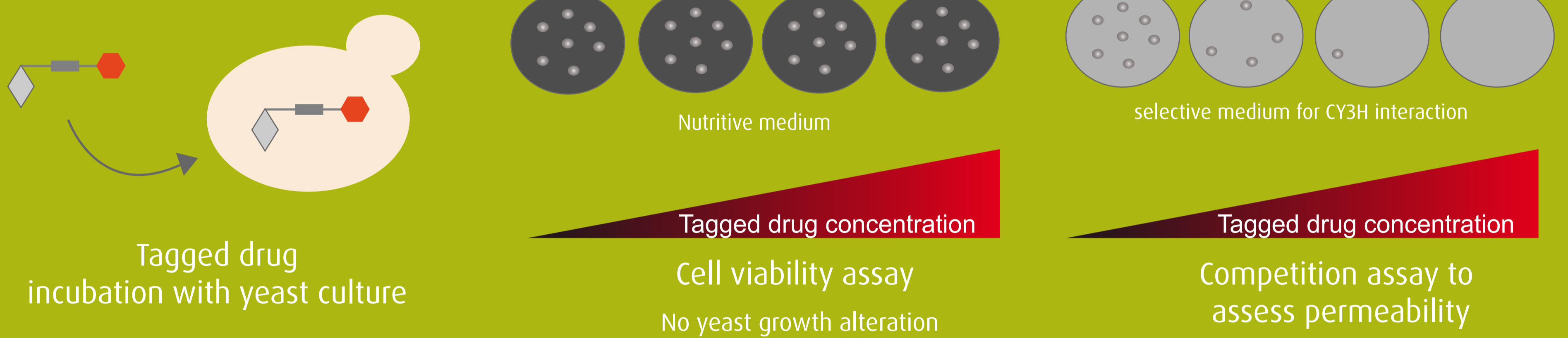
CY3H is a direct target identification method based on the Yeast Two-Hybrid technique. The drug of interest is used as bait to screen protein-domain libraries. When a small molecule/drug interacts with a protein target, the tagged drug complex bridges the gap between the DBD and the AD of a transcription factor. This enables the expression of a reporter gene and subsequent yeast growth on a selective medium.



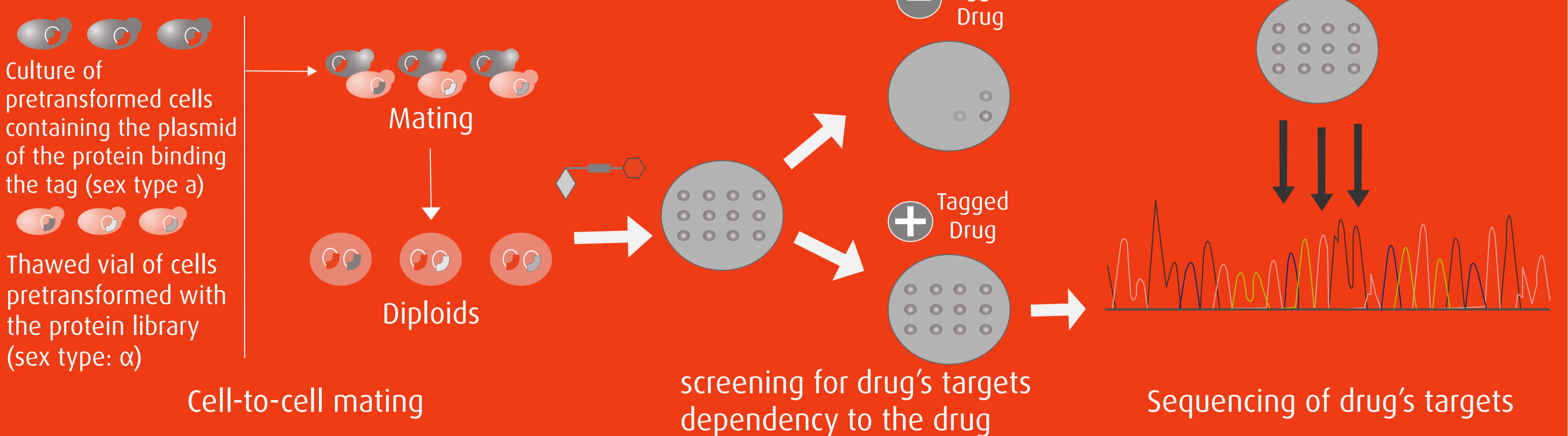
Small molecule/drug derivatization & synthesis



Permeability test in yeast



Library screening & dependency test



Results analysis & delivery

