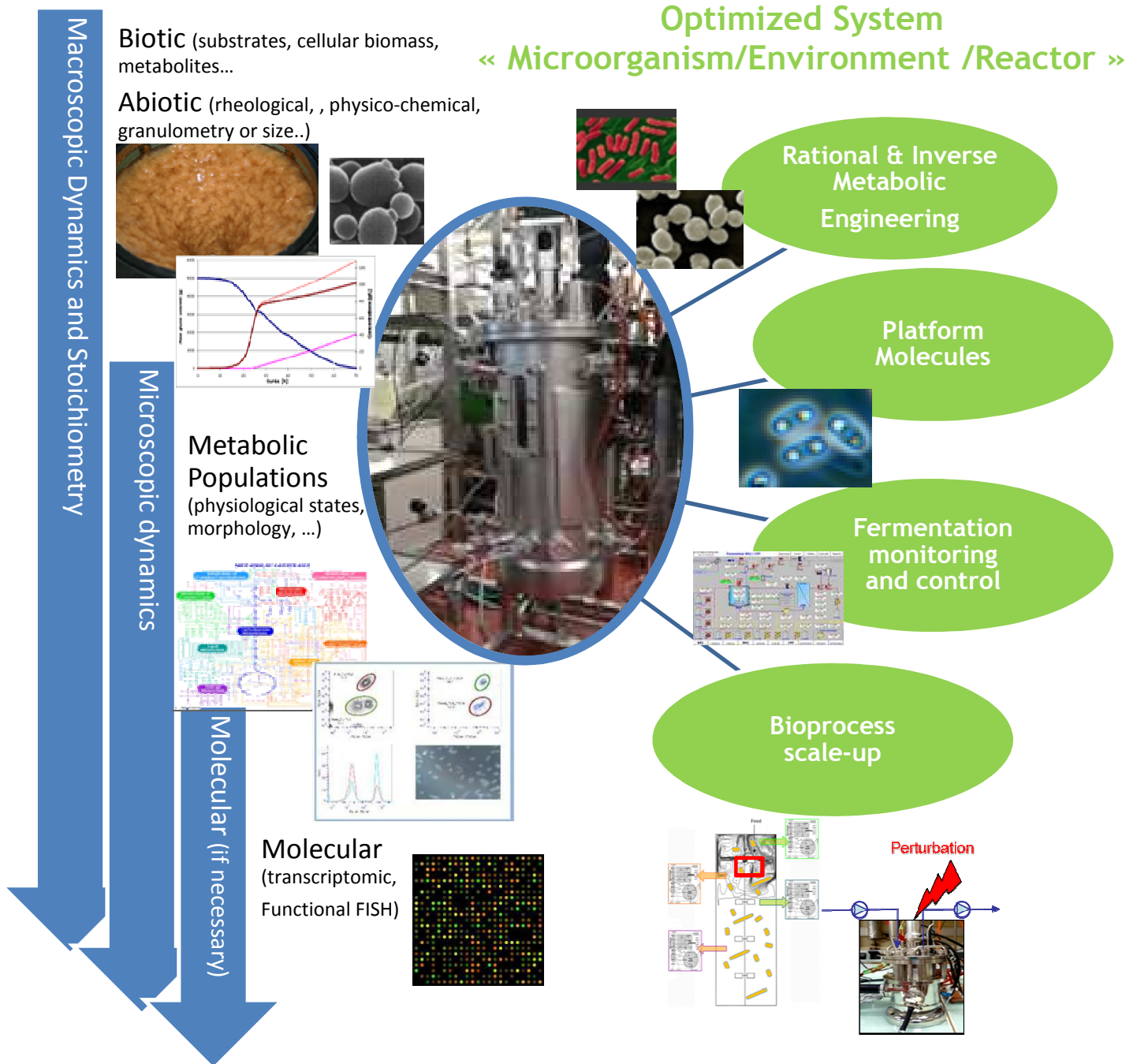


Quantitative Physiology under Intensive Fermentation Conditions (high productivity, titres and cell densities...) ... for (re)designing robust and performant bioprocess and microorganisms



Combining experimental and modelling approaches



Key words : Fermentation - Microbial Engineering & Processes -Industrial Microbiology & Biotechnology - Quantitative Physiology - Dynamic Modeling - Strain Engineering - Heterogeneity - Microbial Subpopulation Dynamics - Lignocellosic- & CO₂-based Bioprocesses