Synthetic Microbial Communities for Industrial Biotechnology

NETWORK IDEA OUTLINE

Characterising and De-complexing Naturally Occurring Microbial Communities

Directed Evolution

Enabling Techniques

Meta-omics Technologies

Interdisciplinary Teams

Industrial Input

Microbial Ecology

Engineering Principles

Reactor Designs

Mathematical Modelling

Synthetic Biology

Synthetic Microbial Communities

al

Scale Up & Development

IMPACT

Robust Applications in Biotechnology & Biomedicine

Establishing Experimental Microbial Communities
With Increasing
Complexity