Cell factories for a sustainable world - DTU Orbit (22/12/2018)

Cell factories for a sustainable world
The Novo Nordisk Foundation Center for Biosustainability (CFB) is a university research center under the Technical University of Denmark within the field of design, engineering and construction of superior cell factories for the production of biopharmaceuticals, anti-infective compounds, industrial chemicals, fine and specialty chemicals, nutritional supplements. CFB has ongoing research/development activities in the field of: 1. Providing upgraded CHO cells for production of therapeutic proteins and mAb’s, 2. Actinomycetes research program within discovery of natural compounds that are broad-spectrum inhibitors against multi-drug resistant (MDR) Gram-negative bacterial pathogens using co-Adaptive Laboratory Evolution, 3. Design and engineering of E. coli and Saccharomyces cerevisiae for biobased production of various classes of chemicals. CFB has 230 employees.