Impact of CHO Metabolism on Cell Growth and Protein Production: An Overview of Toxic and Inhibiting Metabolites and Nutrients
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Reprogramming amino acid catabolism in CHO cells with CRISPR-Cas9 genome editing improves cell growth and reduces by-product secretion
Research output: Contribution to conference › Poster – Annual report year: 2017 › Research › peer-review

CHO On A Detox: Removing By-Product Formation Through Cell Engineering
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Projects:

Engineering of a by-product-reduced CHO cell line (CleanCHO)
Project: PhD

Engineering nutrient and by-product metabolism
Project: Research

Enhancing CHO by Mammalian Systems Biotechnology
Project: Research

Activities:

Metabolic Engineering 12
Activity: Attending an event › Participating in or organising a conference

Reduced by-product and improved cell growth in Chinese Hamster Ovary cells through the engineering of amino acid catabolism
Activity: Talks and presentations › Conference presentations

Engineering by-product reduced CHO cells
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

12th DANISH CONFERENCE ON BIOTECHNOLOGY AND MOLECULAR BIOLOGY (DCB12)
Activity: Talks and presentations › Conference presentations
Engineering CHO cell's amino acid metabolism using CRISPR/Cas9 towards optimal by-product and cell growth phenotypes
Activity: Talks and presentations › Conference presentations

1st ESACT Frontiers Retreat
Activity: Attending an event › Participating in or organising a conference

Prizes:

2nd Poster Prize
Prize: Prizes, scholarships, distinctions

ACTIP Fellowship
Prize: Prizes, scholarships, distinctions