Research outputs:

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

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

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

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