BioProcess International Europe

12-15 May 2025
Congress Center Hamburg
Hamburg, Germany

#BPIEurope

I want to learn about:

DEVELOPING THE OPTIMAL CELL

Click on each talk to check out the full abstract and explore the whole event agenda

Cell Line Development & Engineering

‘Advances in Machine Learning for Cell Line Development To Predict Better Clones, Reduce Timelines & Experiments’

This presentation will explore how machine learning is being used to enhance cell line development, predict superior clones, and streamline timelines and experiments.

Shan-Hua Chung - Principal Scientist and Matrix Lead in Cell Technologies, **Roche**

Cell Line Development & Engineering

‘Tailor-made CHO manufacturing cell lines using artificial intronic miRNAs’

This presentation will focus on the use of artificial intronic miRNA technology for targeted gene silencing in CHO cells to reduce host cell protein (HCP) contamination..

David Ausländer, PhD - Associate Director, **Novartis Pharma AG**

Cell Line Development & Engineering

‘Enhancing recombinant protein and viral vector production in mammalian cells by targeting the YTHDF readers of N6-methyladenosine in mRNA

Enhancing recombinant protein and viral vector production during Cell Line Development.

Niall Barron - Principal Investigator, **NIBRT**

Cell Line Development & Engineering

‘A Fragment Recycler Application Enabling Rapid and Scalable Modular DNA Assembly’

This talk will focus on a fragment recycler application designed to enable rapid and scalable modular DNA assembly, a key technology for engineering cells with desired traits.

David Öling - Director, Molecular Biology and Recombinant Protein Production, **AstraZeneca**

Cell Line Development & Engineering

‘Eliminating CHO clone to clone variation using recombinase based targeted insertion’

This presentation will discuss how recombinase-based targeted gene integration can eliminate CHO clone variation, simplifying bioprocessing.

Dr Lasse Ebdrup Pedersen - Associate Professor, **The Technical University of Denmark**

BIOPROCESSING MASTERED at #BPIEurope

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