

Chinese Hamster Ovary Consortium (CHOC)

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Research Areas



Tool Development

Resource



Basic Research

At a Glance

- Status: **Completed Consortium**
- Year Launched: **2006**
- Initiating Organization: **Society for Biological Engineering**
- Initiator Type: **Academia**
- Location: **International**

Abstract

The Society for Biological Engineering established the Chinese Hamster Ovary (CHO) Consortium to build on earlier work that successfully completed the sequencing and annotation of the Chinese hamster genome.

Mission

The CHO consortium objectives include further characterize the Chinese hamster and CHO cell genomes, develop tools to assess CHO production cell line stability, develop the tools for ultimately manipulating glycosylation patterns in order to enhance product quality, and develop CHO transcriptome analysis tools.

Structure & Governance

Consortium members pool their resources to support the ongoing work. Each member company

designates a representative to the Project Management Committee and helps guide upcoming research. The research will facilitate the use of genomics in enhancing the robustness, manufacturing, and quality of biotherapeutics.

Homepage

<http://www.iche.org/sbe/community/cho-consortium>

Sponsors & Partners

Bioprocessing Technology Institute at the
Agency for Science, Technology, and Research
in Singapore

Boehringer Ingelheim

Bristol-Myers Squibb

SAFC Biosciences

Schering Plough

Society for Biological Engineering

University of Minnesota

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