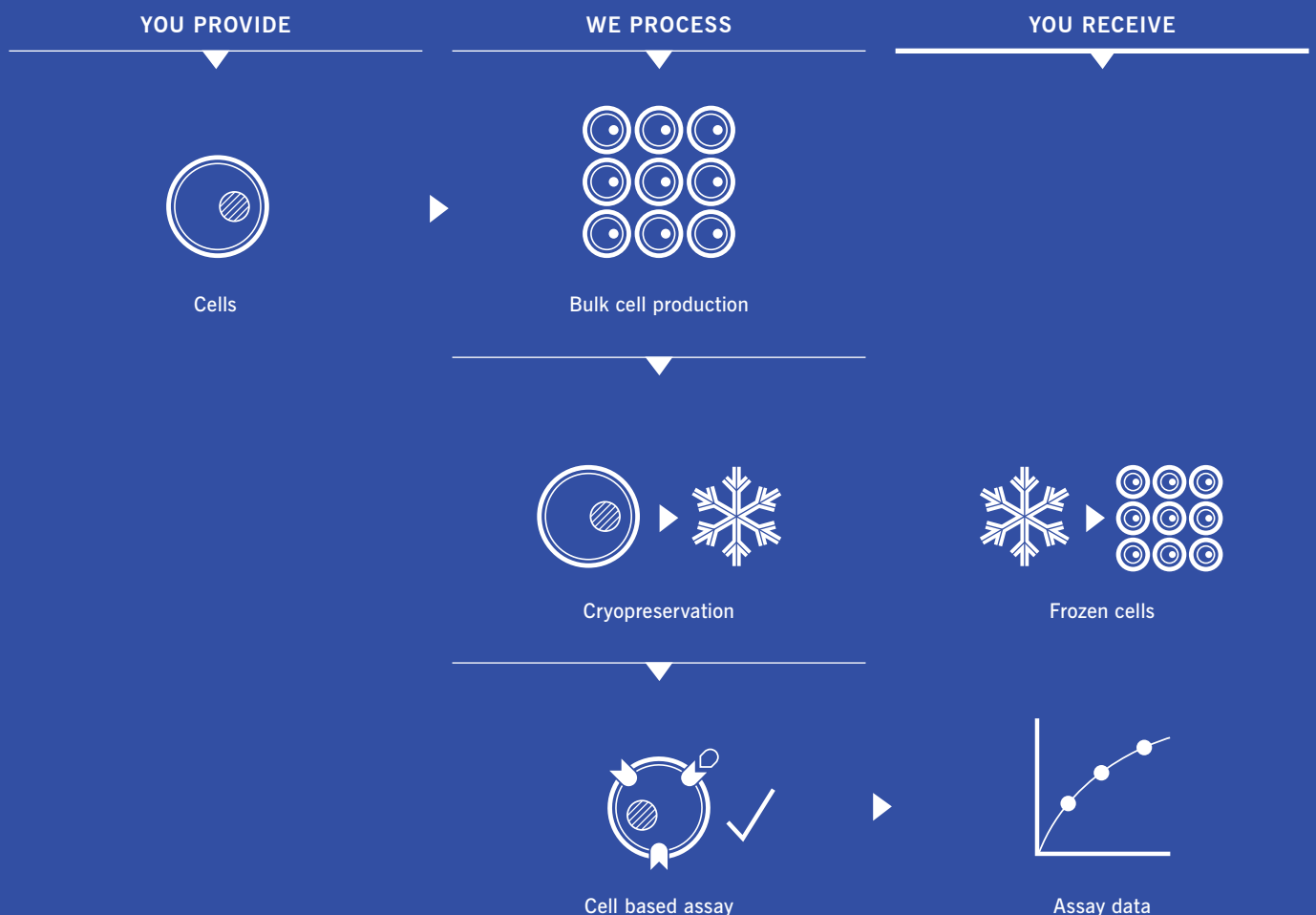


FROZEN INSTANT CELLS

- ▶ Assay ready frozen cells for instant use
- ▶ Bulk production of 10 billion cells in a batch
- ▶ Custom aliquots in plates, vials, tubes, or bags
- ▶ Functionally validated by cell based assays



FROZEN CELL PRODUCTION

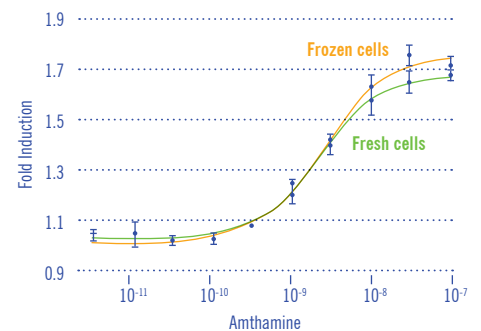
- ▶ Assay ready frozen cells from transfected cells, permanent cell lines, or primary cells
- ▶ Production of suspension or adherent cells in screening batches
- ▶ Carefully controlled cell expansion in CellStacks® or bioreactors
- ▶ Gentle harvest of cells preventing impact on target pharmacology
- ▶ Automated dispensing of cells into cryovials using a Fill-It®
- ▶ Controlled rate freezing of cells using a CryoMed®
- ▶ Functional control of assay ready frozen cells in a cell based assay



CELL BASED ASSAYS

- ▶ cAMP and IP-One htrf® assays
- ▶ Arrestin binding by enzyme complementation assay
- ▶ Luciferase reporter gene assays
- ▶ Fluorescence based Calcium assays
- ▶ Automated patch clamping using a Port-á-Patch®
- ▶ Radiometric uptake and transporter assays

CHO-HH2



Activation of human histamine receptor 2 measured by increase of cAMP.

Evotec Cell Culture Services

- ▶ *Over ten years of experience in custom cell, membrane and protein production*
- ▶ *Direct communication with project scientists and full access to raw data*
- ▶ *Reagent production services can be accessed as a standalone function or as integral part of wider collaborative programmes*
- ▶ *Cell bank management scheme, establishing, propagating, backup storage and distribution of customers cell lines between subsidiaries or partners worldwide*