

.INOIS

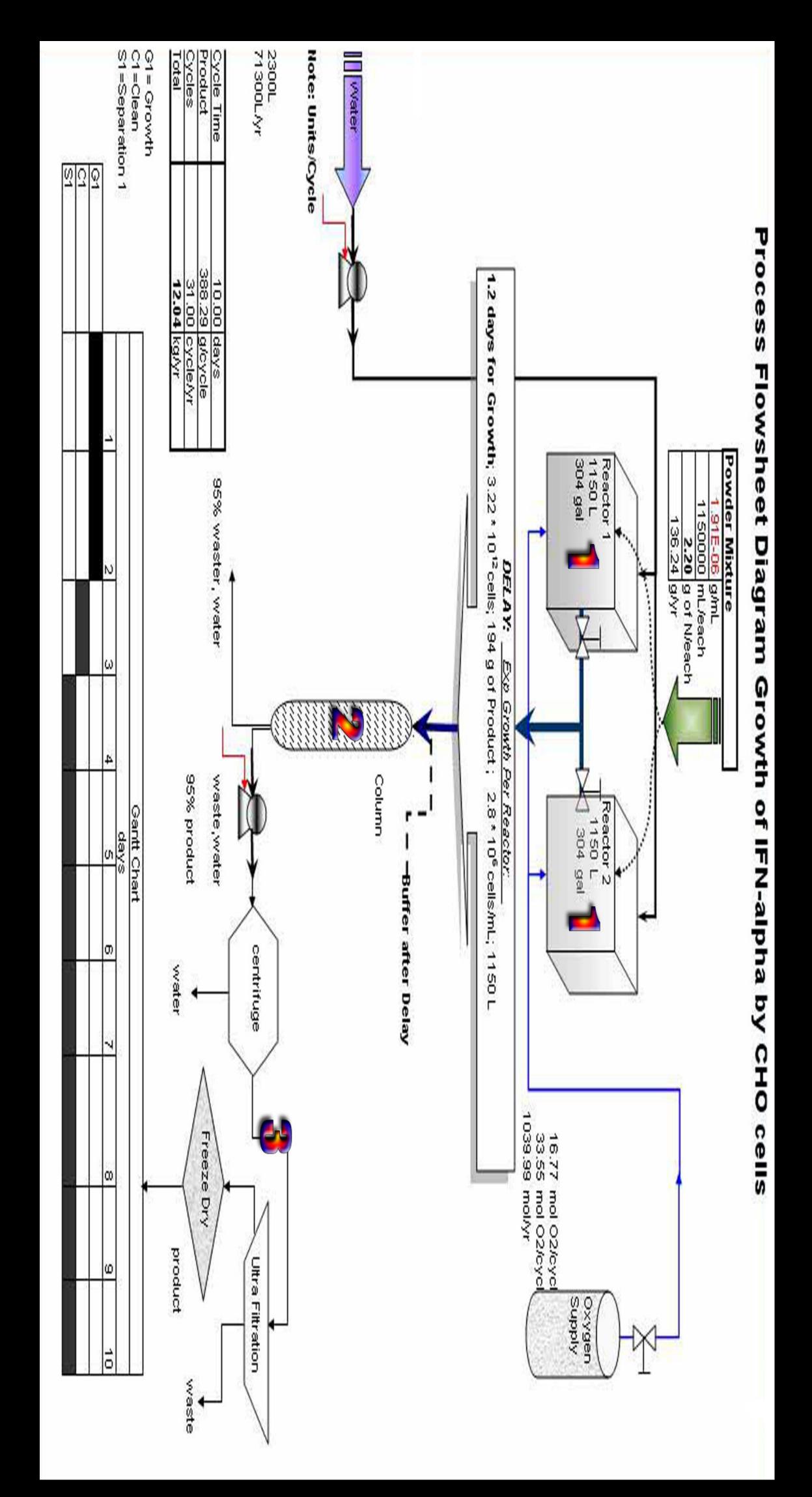
OF TECHNOLOGY

RO CTION

- inter Process feron-Alpha. Scale Capacity production Of 0Kg Of
- Isolation **1−**Q a of IFN-a 'ear.
- batch rea ctor cell broth.
- Process. nalysis rformed <u>O</u> Economic Designed

CKG O U

- mal tein Interfer cell produced by viruses. When (IFN) they by S the $\boldsymbol{\sigma}$ are pro-
- imited human amount of
- Greater quantities
- Isolated geneti can i C **DC** engineering. from produced Chine
- lamster Yar Cells S (CHO
- eukemia, Alpha against Hepatitis for use has Hepatitis hairy. been SB th erao d d ce
- Hepatitis 50,000 Americans affects year.



PR CESS

- and HisTag.
- nblification nto an cr expression vector.
- the polyhistiding tag.

- Q-PF-CHO).
- O.

- attaching to resin.

rying

- from rom IFN-q based **0n**
- ther ultra filtration unit based
- ried for rage.

- ECONOMIC ANALYSIS

 Total Depreciable Capital: \$561,135.

 Total Permanent Invest-
- Price Net E ent: Permanent It: \$639,694.
 cof IFN-α: 1n
 - 1mg **=** \$50.
- Earning:
- \$282.94 High Retu million.
- igh ent. Return on Invest-
- Profitable.

CONSIDER

- High terre Sell Sugon 1gh ent to most at a cost subsidized of drug patients. price.
 - uggested Selling price:
- mg 44cents.
- % Return on Invest-
- Payback Period: 1 y Still very profitable. year.

EDGEMENTS

Professor Lindahl Professor J. Abbasian

