

# artes

manufacturing

microbial  
cell lines



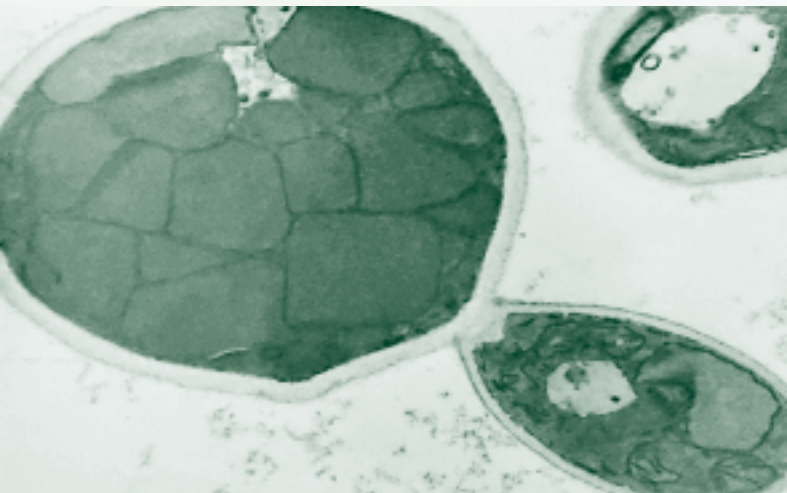
process  
development

vaccine  
platforms



# *HANSENULA POLYMORPHA*

Realize your production with a yeast technology offering stability, productivity, safety, flexibility and saving time and money.



Meeting today's demand for vegan, kosher, halal products and environment friendly production.



# BUSINESS OFFER

Efficient solutions for  
customers' peptides & proteins

## Cell Line Development

- microbial production cell lines
- animal component-free
- methanol-free
- antibiotic-free

## Process Development

- up- and downstream process development
- in-process control and quality control
- state-of-the-art facilities

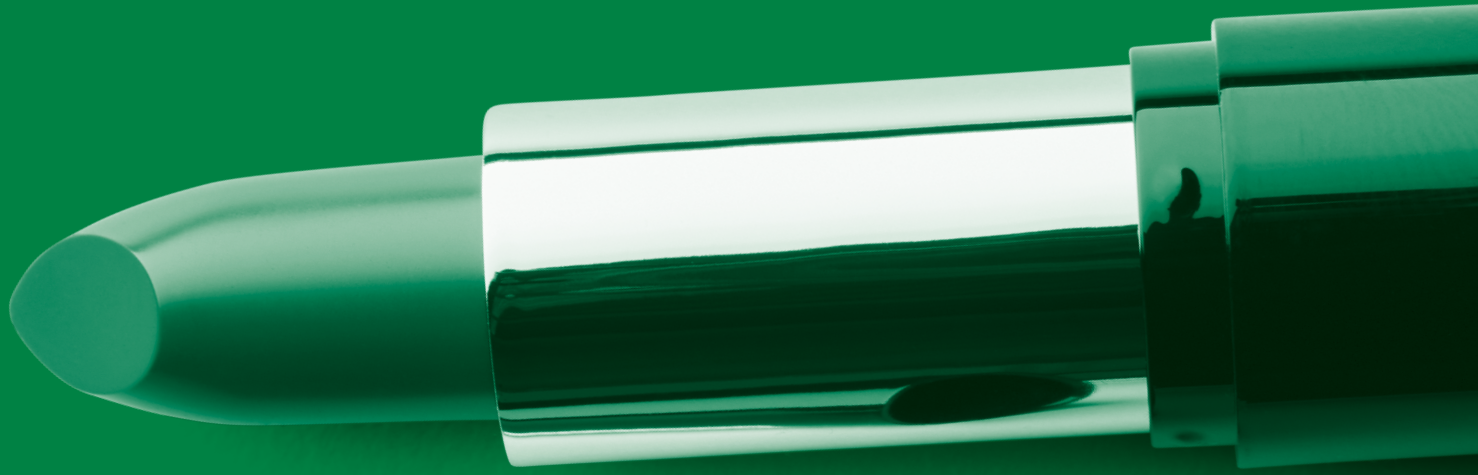
## Manufacturing

- non-GMP manufacturing of reference and pre-clinical material
- quality testing with certificate of analysis per lot

## Technology Transfer

- production cell lines and processes for affordable products
- technologies for manufacturing of:
  - vaccines
  - bio-similars
  - diagnostic proteins
  - enzymes
  - food peptides
  - structural proteins
- engineering support
- training of staff

# SUCCESS STORIES



Products marketed by our clients:

- ✦ R21 malaria vaccine launched by SIIPL
- ✦ quadrivalent Papilloma vaccines
- ✦ anticoagulant peptides
- ✦ food enzymes
- ✦ feed enzymes
- ✦ cosmetics

## MADE WITH ARTES



## T7 RNA Polymerase

recombinant bacteriophage T7 RNA polymerase, his-tagged

## Brazzein

recombinant peptide sweetener from *P. brazzeana*

## HPVL1

recombinant L1 protein of Human Papilloma Virus

## iPPase

recombinant *S. cerevisiae* hydrolase, his-tagged

## Human Serum Albumin

recombinant structural protein



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