

# **Joining the Fight against Covid-19**

**CiCor - a recombinant subunit vaccine**

# Why CiCor?





# Simplicity



## **No complex infrastructure required:**

Simple production process without the need for proprietary technology and the possibility of global production in existing microbial production facilities





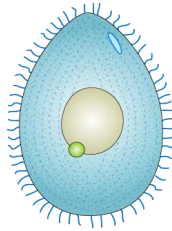
# Safety – production process



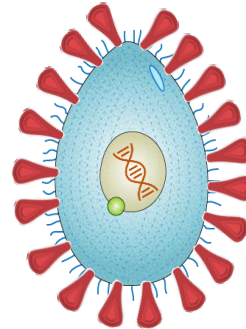
**CiCor - Production is based on a well established recombinant DNA technology enabling virus free Vaccine production**



Synthetic gene sequence coding S-protein



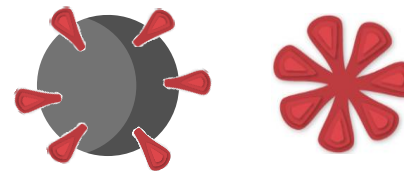
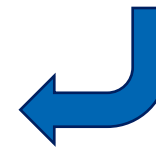
Production host – *Tetrahymena thermophila*



Spike protein spontaneously assembles and appear on the cell surface



Harvest and purification of Spike protein



Coupling to nanoparticles or other adjuvance or multimerize without additional components



Final Vaccine



# Safety - CiCor



**CiCor is a protein-based subunit vaccine, which contains only purified pieces (major antigenic component) of the virus**



Therefore recombinant subunit vaccines:



- do not induce severe side effect
- cannot revert to virulence



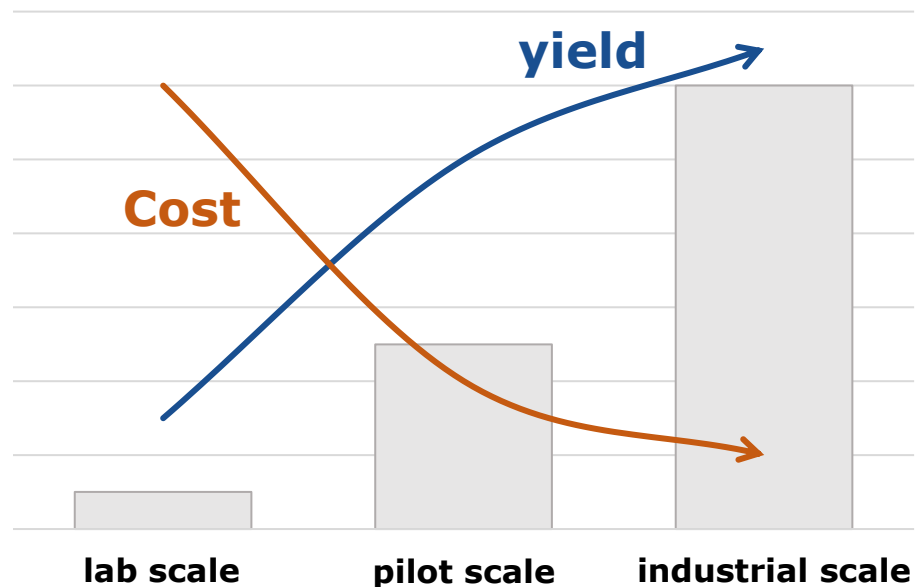
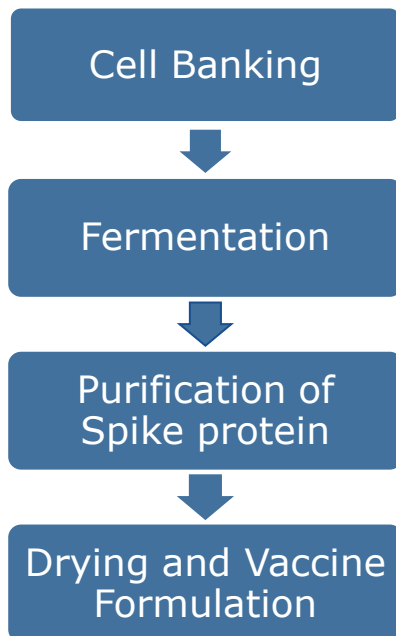
- are safe for immunocompromised patients
- have a long history of safe use in humans



# Scalability



**Production process is scalable from small scale to industrial scale using microbial fermentation facilities and a simple and fast purification process**








# Robustness



**CiCor Vaccine will be dried to allow storage at room temperature or at 4 degree which eliminates the need for complex cold chain infrastructure**



-  Freeze drying
-  Spray drying
-  Vacuum drying





# Contact



**For Questions regarding CiCor contact us directly:**

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