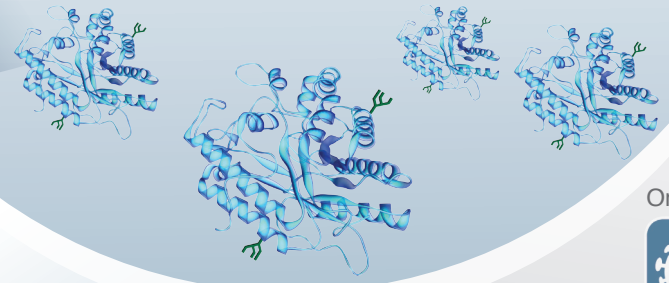
Harnessing the R&D power of the Secretome

AstraZeneca and MedImmune to identify new targets for disease research and develop new technologies for biologics production

6,400 proteins of the Secretome which signal between cells, tissues and organs

The collaboration aims to develop new technologies for biologics production and to identify new targets for disease research in the ground-breaking area of the Secretome (all proteins that are secreted by a cell and that are exposed to the outside of the cell from within its membrane).



MedImmune

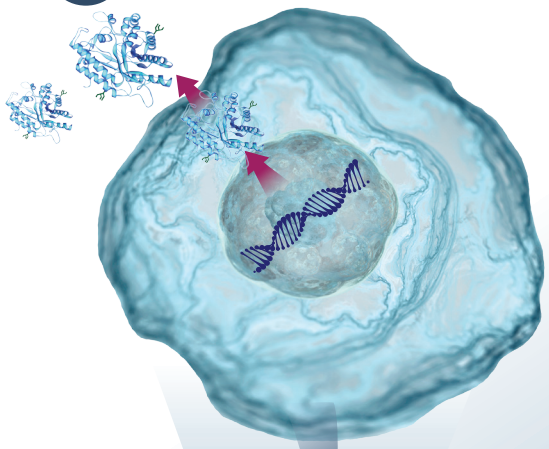
Use the Secretome knowledge together with new tools and technologies to develop better cell factories and processes for tailored production of next generation biologics

AstraZeneca

Use the Secretome library and protein knowledge to find the relevant protein signal in a given disease

Oncology | **Respiratory/ inflammation** | **Cardiovascular/ Metabolic**

1 Cell



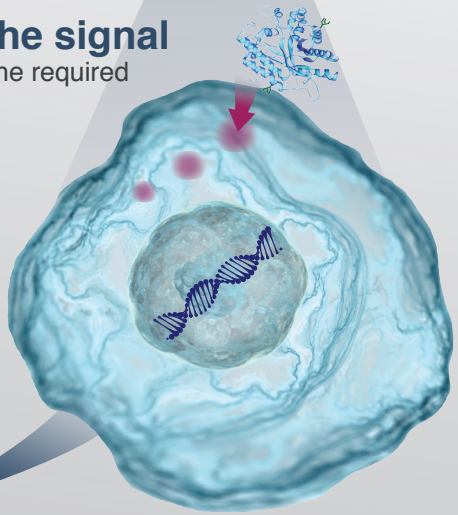
2 Fermentation

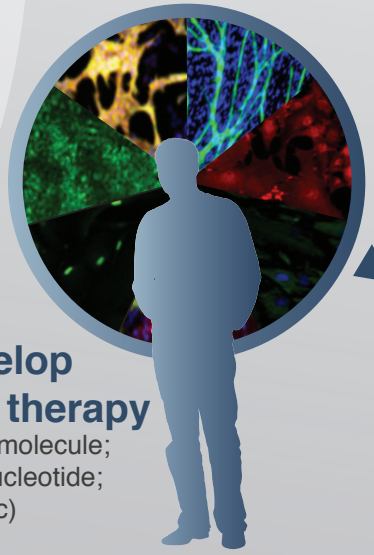
3 Purification

4 Product

Unlock the signal

that triggers the required cell function





Develop new therapy

(small molecule; oligonucleotide; biologic)

AstraZeneca

MedImmune

A member of the AstraZeneca Group