

# Centre for Advanced Medical Products



*A national centre focusing on process development, manufacturing, logistics and system challenges of Advanced Therapy Medicinal Products (ATMP)*

*Operated in collaboration with SWElife-ATMP*

**VINNOVA**

**SWElife**

With support from

**VINNOVA**  
Sweden's Innovation Agency

 Swedish Energy Agency

**FORMAS** 

Strategic innovation programmes

# ATMPs are not like other biologics

Pharmaceuticals based on:

- Gene Therapy products
- Cell Therapy products
- Tissue Engineered products

Potential for highly effective treatments, and even cure of severe conditions

Predicted to transform healthcare and become major Life Science industry

**Great challenges due to complexity and uniqueness:**

**manufacturing, logistics, regulatory aspects, health economy, implementation in healthcare for clinical adoption**



# Background – Swedish perspective



2007 – 2018: 1,200 MSEK investment from Swedish Association of Local Authorities and Regions (SALAR / SKL).

- National Council for Organs, Tissues, Cells and Blood / Cell Therapy Group
- Coordination of academic / hospital activities
- GMP clean rooms at University hospitals for clinical studies and treatments

System challenges are well known

Fragmented national ecosystem for ATMP development

2017: Planning and preparation for CAMP application, 23 partners involved

Virtual centre, engaging key stakeholders in healthcare, industry and academia

**VINNOVA**

**Duration: 2018-2023, 8 MSEK/year**

# Founding CAMP Partnership

## Industry – SME

- ATMP-developing biotechs
- Material suppliers
- Instrument and technology developers
- Logistics services

## Industry – large corporations

- AstraZeneca
- GE Healthcare
- Pfizer



## Healthcare

All 7 Swedish healthcare regions, including the University Hospitals

## Academia

- Umeå University
- Karolinska Institutet
- KTH
- Univ. of Gothenburg
- RISE