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Sweden has a strong opportunity to strengthen its international position in advanced therapy medicinal products (ATMPs) – but achieving this will require more than world-class research.

OptiCell Solutions Strengthens the Foundation for Next-Generation Cell Therapies

Huddinge, Sweden 06-AUG-2026

The Swedish Royal Academy of Engineering Sciences' (IVA) report from 11 June 2026 on Advanced Therapy Medicinal Products (ATMPs) highlights many of the issues that we at OptiCell Solutions encounter in our daily work.

The report concludes that Sweden benefits from outstanding research, strong clinical expertise, and an advanced healthcare system. However, continued progress will depend on improved coordination, increased investment, and stronger technological and industrial platforms. IVA emphasizes the need for shared technology platforms, multidisciplinary environments, and closer integration between research, healthcare, and industry.

This aligns closely with our own experience.

The development of cell and gene therapies depends on a robust infrastructure surrounding the therapies themselves. This includes access to well-characterized human cells, standardized cell collection, quality assurance, traceability, logistics, and processes that can support both research and industrial development.

OptiCell Solutions was established to contribute precisely to this part of the value chain.

From our facility in Huddinge, Sweden, we collect and provide human cell materials for research and development in cell and gene therapy. Through collaborations with clinical, academic, and industrial partners, we aim to help shorten the journey from scientific discovery to innovative treatments.

One of the report's most important conclusions is that Sweden cannot be a global leader across every aspect of ATMP. Instead, resources should be focused on areas where the country has clear competitive advantages and the potential to achieve international excellence. The report identifies technology platforms, cell technologies, manufacturing, quality assurance, and clinical infrastructure as key strategic areas.

For OptiCell Solutions, this represents both validation and responsibility.

It validates our belief that access to specialized cell collection and a robust supply chain is a strategic component of the ATMP ecosystem.

It also reinforces our responsibility to continue evolving our business—from a specialized service provider into a scalable platform capable of supporting a growing number of research projects, clinical collaborations, and industrial development programs, both in Sweden and internationally.

IVA's report is therefore an important contribution to the discussion. Sweden already possesses many of the capabilities required to become a global leader in ATMP. The next step is to connect



these strengths through effective structures, establish long-term funding mechanisms, and enable specialized companies to grow alongside academia, healthcare, and industry.

That is the future OptiCell Solutions is committed to helping build.

Jarmo Henriksson
CEO, OptiCell Solutions AB

#ATMP #CellTherapy #GeneTherapy #LifeSciences #Biotechnology #ClinicalResearch #Karolinska
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About OptiCell Solutions

Founded in 2024, OptiCell Solutions AB specializing in the field of apheresis collection for Cell and Gene Therapy (CGT). By using our advanced apheresis technology, we can collect large quantities of specific donor cells, significantly advancing applications within in the CGT.

Located near the Karolinska University Hospital in Huddinge we aim to bridge the gap in resources by offering innovative solutions that enhance the availability of essential cells for cutting-edge research and life-saving therapies. With our deep expertise in apheresis technology and a strong commitment to ethical research practices, we are dedicated to improving patient outcomes and supporting the development of next-generation therapies for cancer care, autoimmune diseases, and other severe medical conditions.

At OptiCell Solutions, we strive to be at the forefront of medical innovation, providing the tools and services necessary to accelerate the transition to more effective and patient-centred care. For more information visit our website, www.opticellsolutions.com and follow us at [LinkedIn](#).