

ATMP Clinical Trials

Therapy Name and vector, if applicable (Developer)	Therapy Type (Indication)	Trial Phase (Status)	Clinical Trial Database number, EudraCT/EU CT (Start Year)	Disease Area	Cell Type	Gene Therapy	Autologous / Allogeneic	Site(s) in Sweden
CTL019 / Kymriah, lentiviral vector (Novartis)	GTMP (Paediatric and young adult patients with B-cell acute lymphoblastic leukemia (B ALL))	II (In follow-up)	NCT03876769 2023-508081-15-00 (2021)	Paediatric oncology	T cells	Yes, ex vivo	Autologous	Karolinska University Hospital, Stockholm Sahlgrenska University Hospital, Göteborg
Ciltacabtagene Autoleucel / ciltacel, lentiviral vector (Janssen-Cilag)	GTMP (Multiple myeloma)	III (In follow-up)	NCT04923893 2021-001242-35 (2022)	Oncology	T cells	Yes, ex vivo	Autologous	Linköping University Hospital, Linköping Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund
Posoleucel (AlloVir)	sCTMP (Adenovirus Infection after allogeneic transplantation)	III (Completed)	NCT05179057 2021-003450-22 (2022)	Paediatrics - adenovirus infection after allogeneic transplantation	Multi-virus specific T cell therapy; Virus infected previously in hematopoietic cell transplanted patients	No	Allogeneic	Karolinska University Hospital, Stockholm Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund

SRP-9001, Delandistrogene moxeparvovec, rAAVrh74 containing human micro-dystrophin gene (Sarepta Therapeutics)	GTMP (Non-Ambulatory and Ambulatory Subjects With Duchenne Muscular Dystrophy)	III (Recruiting)	2020-002372-13 (2022)	Paediatric neurology	N/A	Yes, in vivo	N/A	Sahlgrenska University Hospital, Göteborg Karolinska University Hospital, Stockholm
BNT113 (BioNTech SE)	GTMP (Unresectable recurrent, or metastatic Head and Neck Squamous Cell Carcinoma (HNSCC) which is positive for human papilloma virus 16 (HPV16+) and expresses PD-L1)	II (Completed)	NCT04534205 2020-001400-41 (2022)	Oncology	N/A	Yes, in vivo	N/A	Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund
Autologous Tumor Infiltrating Lymphocytes (Göteborg University)	sCTMP (Patients with melanoma and liver metastases)	I (In follow-up)	NCT04812470 2020-006126-31 (2023)	Oncology - melanoma	Tumor Infiltrating Lymphocytes (TILs)	No	Autologous	Sahlgrenska University Hospital, Göteborg
mRNA-4157 / V940 (MSD)	GTMP (Malignant melanoma)	III (In follow-up)	NCT05933577 2023-503652-27-00 (2023)	Malignant melanoma	N/A	Yes, in vivo	N/A	Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund

XSTEM-VLU (Xintela)	sCTMP (Venous leg ulcers)	I/II (Completed)	NCT05549609 2022-000492-39 (2023)	Dermatology (chronic wounds)	Integrin α 10 β 1- selected mesenchymal stem cells	No	Allogeneic	Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund
Ciltacabtagene Autoleucel / cilta- cel, lentiviral vector (European Myeloma Network)	GTMP (Multiple myeloma)	III (In follow-up)	NCT05257083 2021-003284- 10/ 2023-507632- 20-00 (2023)	Oncology	T cells	Yes, ex vivo	Autologous	Linköping University Hospital, Linköping Sahlgrenska University Hospital, Göteborg Skåne University Hospital, Lund. Uppsala University Hospital, Uppsala
Lifileucel / LN-144 (Iovance Biotherapeutics)	sCTMP (untreated, unresectable or metastatic melanoma)	III (Recruiting)	NCT05727904 2022-503140- 41-00 (2024)	Oncology	Tumor Infiltrating Lymphocytes (TILs)	Yes, ex vivo	Autologous	Sahlgrenska University Hospital, Göteborg
Allo-AP22-CVU (RHEACELL)	sCTMP (Therapy-resistant non-healing chronic venous ulcers (CVU))	III (In follow-up)	NCT06489028 2024-512720-11 (2025)	Skin and subcutaneous tissue disorders	Mesenchymal Stromal Cells	No	Allogeneic	Academic primary care center, Uppsala Sahlgrenska University Hospital, Göteborg
Autogene cevumeran (Genentech, Inc.)	GTMP (Pancreatic adenocarcinoma)	II (Recruiting)	2022-502404- 73-00 (2025)	Pancreatic adenocarcinoma	N/A	Yes, in vivo	Allogeneic	Sahlgrenska University Hospital, Göteborg

Autogene cevumeran (Roche)	GTMP (urothelial carcinoma)	II (Recruiting)	2023-509023-40-00 (2025)	Urothelial carcinoma	N/A	Yes, in vivo	Allogeneic	Sahlgrenska University Hospital, Göteborg
N-TEC (University Hospital Basel)	cATMP (patellofemoral osteoarthritis)	II (Recruiting)	2024-513683-25-00 (2026)	Patellofemoral osteoarthritis	Chondrocytes	No	Autologous	Sahlgrenska University Hospital, Göteborg
Arlo-cel (Celgene Corp.)	GTMP (Multiple Myeloma)	III (Recruiting)	2024-515279-37-00 (2026)	Oncology	T cells	Yes, ex vivo	Autologous	Sahlgrenska University Hospital, Göteborg