

# Project list

## The Swedish Drug Discovery and Development Pipeline 2020

**“The high proportion of projects that have the potential to be first-in-class reflects exciting scientific opportunities and innovative approaches being used by researchers to address critical unmet patient needs.”**

**sweden BIO**  
The Swedish Life Science Industry Organization



**VINNOVA**  
Sweden's Innovation Agency

**Invest Stockholm**

**invest in skåne**  
part of business region skåne

# *“A strong life sciences sector is, and will continue to be, at the heart of Sweden’s response to global health challenges”*

Jenni Nordborg  
Special Advisor to the Government and  
Head of the Office for Life Sciences

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## **Share the knowledge**

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Download the report at [www.swedenbio.se/reports](http://www.swedenbio.se/reports)

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# A thriving & innovative ecosystem

*What you are holding in your hand is an annex to the report  
The Swedish Drug Discovery and Development Pipeline Report 2020.*

The Swedish Drug Discovery and Development Pipeline Report 2020 describes a diversity of micro- to medium-sized companies, emerging companies, in a mixture of new companies emerging along maturing and expanding counterparts. Comfortably nested amongst a national sea of incubators, hubs, parks and meeting-points for companies, academia and health care. Sweden's ecosystem for drug discovery and development is flourishing.

In this this year's edition we present data on 148 companies. The companies included are those headquartered in Sweden and with R&D in drugs for human use. Their combined pipeline consists of 420 projects – an increase by 51 projects compared to previous report in 2016. Fifty-three percent of the 148 Swedish companies have one or more projects in clinical phase I-III. As many as 24 projects have reached Phase III, this is the highest number ever reported in our series of pipeline reports.

The data presented in this annex includes a list of all projects in development phases from discovery to clinical phase III trials. The projects are sorted under 15 therapy areas in alphabetical order and compiles types of compounds, names of the companies as well as which business regions the companies are active in.

Wishing you an enjoyable and informative read!

Project Leader                      Editor  
Susanne Baltzer, PhD              Sara Gunnerås, PhD

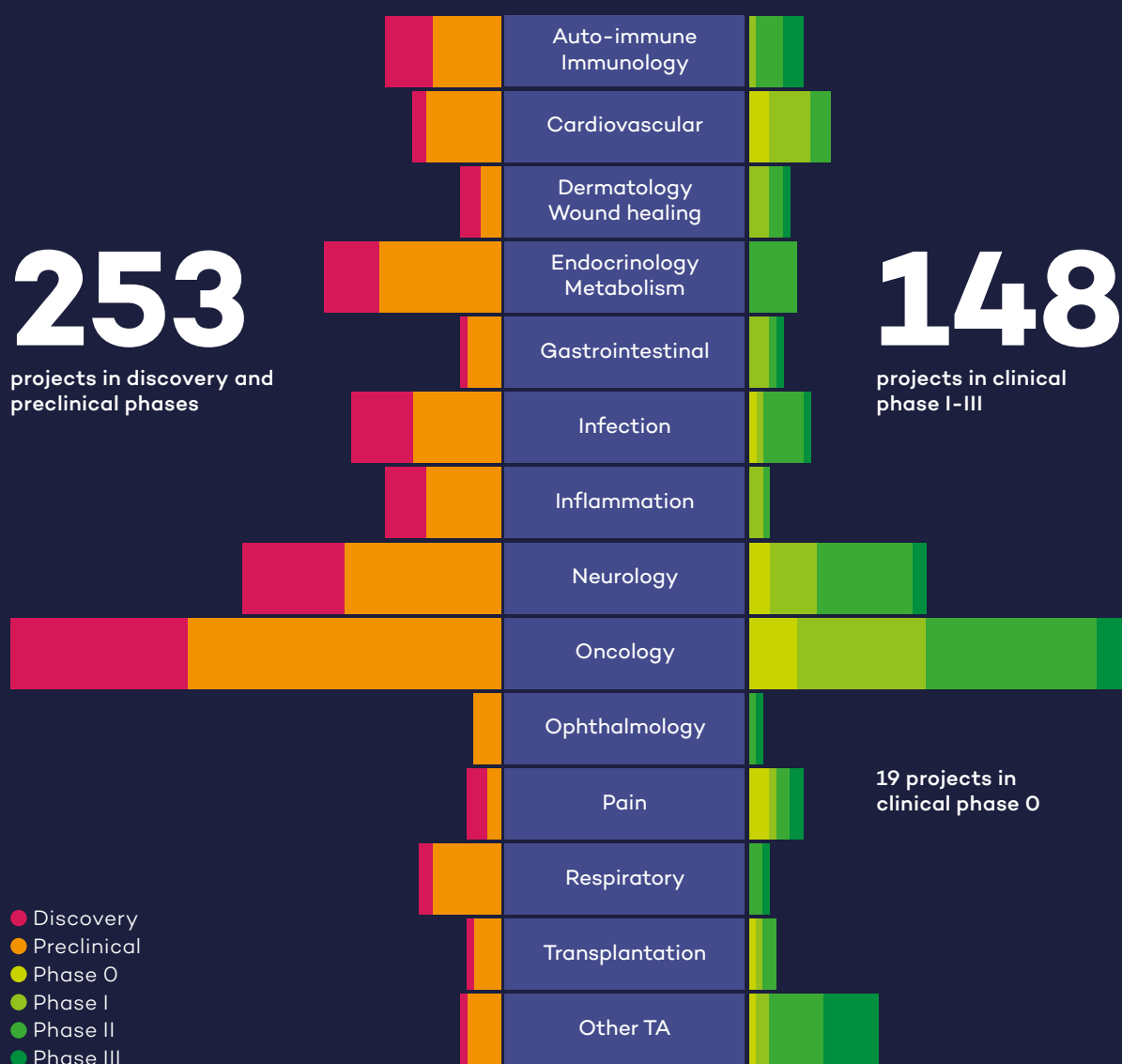
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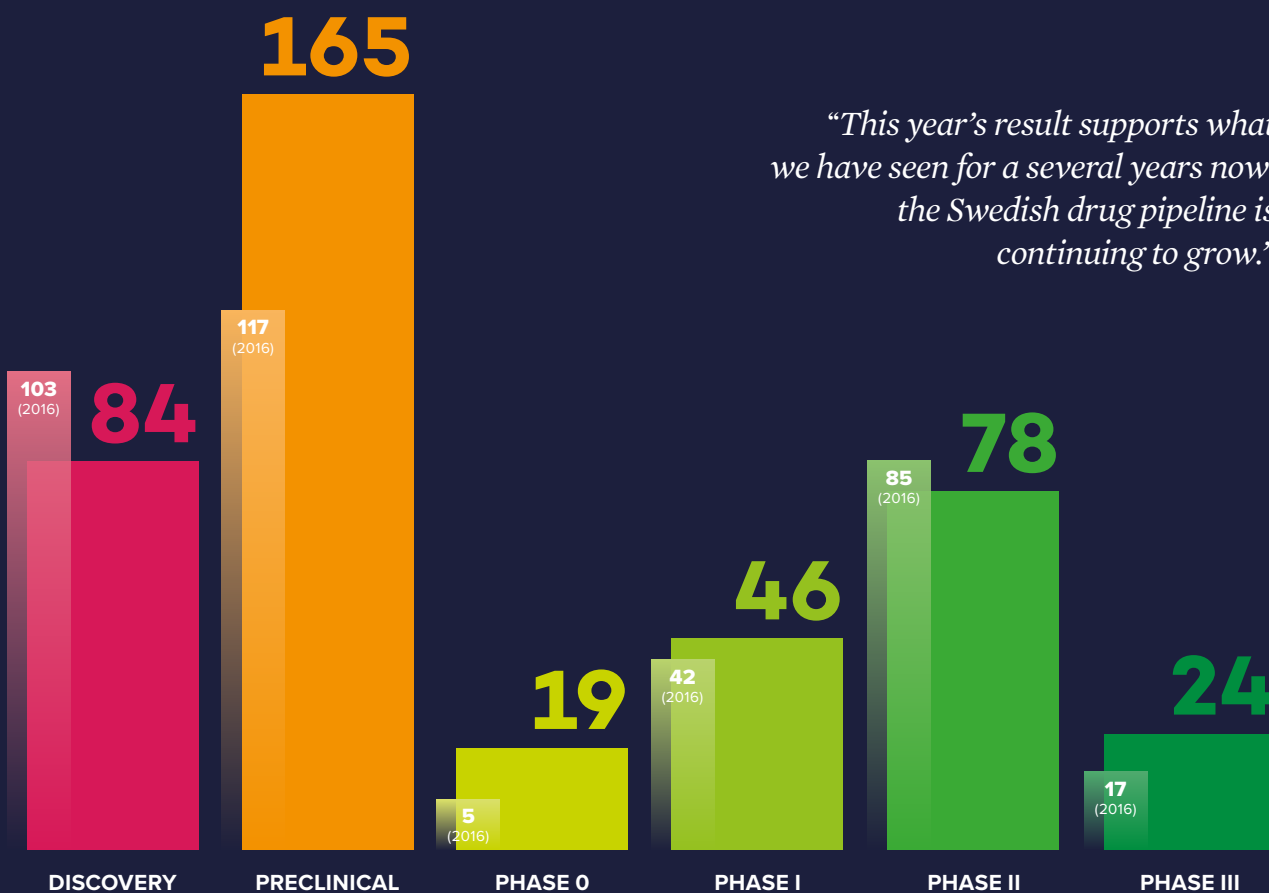
A special list of  
projects in rare diseases  
can be found on  
page 25–30.

# Highlights from the report

Swedish companies are directing their efforts towards a broad range of therapeutic areas and indication with a special focus in the top four therapeutic areas, oncology, neurology, endocrinology/metabolism and infection, with antibodies, or cell- and gene therapies in addition to the usual small molecule route.



## Hot numbers 2016 vs 2020



*“This year’s result supports what we have seen for a several years now: the Swedish drug pipeline is continuing to grow.”*

Data source: See Material and Methods on page 35. No information for 4 projects was disclosed on stages of development and these are not included in this diagram.

# List of projects and products

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
<b>AUTOIMMUNE / IMMUNOLOGY</b>						
Allergy	Allergic diseases	AAVLP-IgE	Therapeutic vaccine	Discovery	2A Pharma	Invest in Skåne
	Allergy, acute allergy	Isicort (dexamethasone ODF)	Small molecule	Phase III	AcuCort	Invest in Skåne
	Allergy	Undisclosed	Small molecule	Discovery	Flora Innovation	Business Region Göteborg
Arthritis	Psoriatic arthritis	ABY-035	Protein	Phase IIb	Affibody	Invest Stockholm
	Juvenile idiopathic arthritis (JIA)	SOL-116	Antibody	Preclinical (CDN)	LIPUM	Business Sweden
Psoriasis	Psoriasis	ABY-035	Protein	Phase IIb	Affibody	Invest Stockholm
	Psoriasis	Calcipotriol	Small molecule	Phase III	Lipidor	Invest Stockholm
	Psoriasis	Calcipotriol+Beta-methasone	Small molecule	Preclinical (CDN)	Lipidor	Invest Stockholm
Rheumatic disease	Systemic sclerosis	AM1476	Small molecule	Preclinical (CDN)	AnaMar	Invest in Skåne
	Systemic sclerosis	CAN10	Antibody	Preclinical (CDN)	Cantargia	Invest in Skåne
	Reumathoid arthritis	Rabeximod	Small molecule	Phase IIb	Cyxone	Invest in Skåne
	Rheumatoid arthritis (RA)	SOL-116	Antibody	Preclinical (CDN)	LIPUM	Business Sweden
	Systemic lupus erythematosus (SLE)	Small molecules	Small molecule	Discovery	Pronoxis	Invest in Skåne
	Reumatoid and psoriatic arthritis, Crohn's disease and ankylosing spondylitis	Xcimzane (certolizumab pegol)	Biosimilar	Preclinical (CDN)	Xbrane Biopharma	Invest Stockholm
Other Autoimmune	Autoimmune diseases	AAVLP-Hsp70i	Therapeutic vaccine	Discovery	2A Pharma	Invest in Skåne
	Undisclosed	ABY-039	Protein	Phase I	Affibody	Invest Stockholm
	Autoimmune hepatitis, AIH	Nefecon	Small molecule	Discovery	Calliditas Therapeutic	Invest Stockholm
	Primary IgA nephropathy	Nefecon	Small molecule	Phase III	Calliditas Therapeutic	Invest Stockholm
	Recurring treatment in autoimmune disease, transplantation and oncology	NiceR	Protein	Preclinical (CDN)	Hansa Biopharma	Invest in Skåne

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other Autoimmune	Tolerogen cell therapy towards autoimmune diseases	IDO AID	Cell therapy	Preclinical (CDN)	Idogen	Invest in Skåne
	Autoimmune diseases	IMY-02	RNAi	Discovery	Immunscape	Invest Stockholm
	Autoimmune diseases	ProTrans	Cell therapy	Preclinical (CDN)	NextCell Pharma	Invest Stockholm
	Inflammation and severe autoimmunity	Small molecules	Small molecule	Discovery	Pronoxis	Invest in Skåne
	Macrophage Activation Syndrome Lymphohistiocytosis, Hemophagocytic Arthritis, Juvenile	Emapalumab	Antibody	Phase II	Sobi - Swedish Orphan Biovitrum	Invest Stockholm
	Anti-neutrophil cytoplasmic antibody-associated vasculitis (ANCA vasculitis)	TOL3	Small molecule	Preclinical (CDN)	Toleranzia	Business Region Göteborg

## CARDIOVASCULAR

Cardiovascular	Acutely increased blood pressure in the lungs	Supernitro	Small molecule	Preclinical (CDN)	Attgeno	Invest Stockholm
	Allergic shock	Epinephrine	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	AV Access Dysfunction in Dialysis Patients	ATH3G10	Antibody	Phase I	Athera Biotechnologies	Invest Stockholm
	Cardiac artery disease	ANXV	Protein	Phase 0	Annexin Pharmaceuticals	Invest Stockholm
	Chronic venous insufficiency	P-TEV	Cell therapy/ Tissue-engineered transplants	Phase I	VERIGRAFT	Business Region Göteborg
	CVD – vulnerable plaque diagnosis	18F-NS14490 PET ligand	Small molecule	Preclinical (CDN)	DanPET	Invest in Skåne
	Heart failure with preserved ejection fraction (HFpEF)	AMPK activator O304	Small molecule	Discovery	Betagenon	Business Sweden
	Ischemic stroke	Edv/FGI	Small molecule	Discovery	Edvince	Invest in Skåne
	Ischemic stroke	GLX7013114	Small molecule	Preclinical (CDN)	Glucoc Biotech	Invest Stockholm
	Ischemic stroke	GLX7013166	Small molecule	Preclinical (CDN)	Glucoc Biotech	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Cardiovascular	Myocardial infarction	KAND567	Small molecule	Phase I	Kancera	Invest Stockholm
	Myocarditis	CAN10	Antibody	Preclinical (CDN)	Cantargia	Invest in Skåne
	Peripheral arterial occlusive disease	ANXV	Protein	Phase 0	Annexin Pharmaceuticals	Invest Stockholm
	Peripheral artery disease (PAD)	P-TEA	Cell therapy/ Tissue-engineered transplants	Preclinical (CDN)	VERIGRAFT	Business Region Göteborg
	Prevention and treatment of acute kidney injury in cardiac surgery	RMC-035	Protein	Phase I	Guard Therapeutics	Invest in Skåne
	Pulmonary arterial hypertension	CAM2043	Small molecule	Phase I	Camurus	Invest in Skåne
	Reduce complications in severe PAD	ATH3G10	Antibody	Phase I	Athera Bio-technologies	Invest Stockholm
	Reduce heart failure	ATH3G10	Antibody	Phase IIa	Athera Bio-technologies	Invest Stockholm
	Retinal vein occlusion	ANXV	Protein	Phase 0	Annexin Pharmaceuticals	Invest Stockholm
	Sepsis	Apta-1	Small molecule	Preclinical (CDN)	Aptahem	Invest in Skåne
	Stem cell treatments for patients with advanced heart failure	Undisclosed	Cell therapy	Preclinical (CDN)	Procella Therapeutics	Invest Stockholm
	Thrombosis	CS014	Small molecule	Preclinical (CDN)	Cereno Scientific	Business Region Göteborg
	Thrombosis	CS036	Small molecule	Preclinical (CDN)	Cereno Scientific	Business Region Göteborg
	Thrombosis	CS1	Small molecule	Phase Iia	Cereno Scientific	Business Region Göteborg
	Treatment of vaso-occlusive crisis in patients with sickle cell disease	Sevuparin	Polysaccharide	Phase II	Modus Therapeutics	Invest Stockholm

## DERMATOLOGY / WOUND HEALING

Dermatology/ Wound healing	Alopecia	FOL-005	Peptide	Phase IIa	Follicum	Invest in Skåne
	Atopic dermatitis	Tacrolimus	Small molecule	Preclinical (CDN)	Lipidor	Invest Stockholm
	Atopic dermatitis	MEDON	Small molecule	Discovery	TIRmed Pharma	Invest Stockholm
	Burn wounds	BioC	Peptide	Preclinical (CDN)	Xinnate	Invest in Skåne
	Diabetic foot ulcers (DFUs)	LL-37	Small molecule	N.a	Promore Pharma	Invest Stockholm



Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Dermatology/ Wound healing	Netherton syndrome	SXR1096	Small molecule	Preclinical (CDN)	Sixera Pharma	Invest Stockholm
	Partial thickness wounds	BioC	Peptide	Discovery	Xinnate	Invest in Skåne
	Prevention of dermal scarring after surgery	PXL01	Small molecule	Phase I	Promore Pharma	Invest Stockholm
	Prevention of post-surgical adhesions after tendon- and nerve repair surgery	PXL01	Small molecule	Phase III	Promore Pharma	Invest Stockholm
	Surgery	BioC	Peptide	Discovery	Xinnate	Invest in Skåne
	Topical-wound healing	ILP100	Gene therapy	Phase I	Ilya Pharma	Invest Stockholm
	Venous leg ulcers (VLUs)	LL-37	Small molecule	Phase IIb	Promore Pharma	Invest Stockholm
	Wound healing	Plasminogen	Protein	Phase I	Omnio	Business Sweden

## ENDOCRINOLOGY / METABOLISM

Diabetes type 1	Type 1 diabetes	BTB 002	Therapeutic vaccine	Discovery	BTB Pharma	Invest in Skåne
	LADA (Latent autoimmune diabetes in adults)	Diamyd (rh-GAD65/alum)	Small molecule	Phase IIa	Diamyd Medical	Invest Stockholm
	Type 1 diabetes	Diamyd (rh-GAD65/alum)	Small molecule	Phase IIb	Diamyd Medical	Invest Stockholm
	Type 1 diabetes	Remygen (GABA)	Small molecule	Phase IIa	Diamyd Medical	Invest Stockholm
	Diabetes type 1	ProTrans	Cell therapy	Phase IIa	NextCell Pharma	Invest Stockholm
Diabetes type 2	Type 2 diabetes	Arc01	Small molecule	Preclinical (CDN)	Abarceo Pharma	Invest in Skåne
	Diabetes	RG100204	Small molecule	Preclinical (CDN)	ApoGlyx	Invest in Skåne
	Type 2 diabetes	Undisclosed	Small molecule	Preclinical (CDN)	Atrogi	Invest Stockholm
	Chronic kidney disease	AMPK activator O304	Small molecule	Preclinical (CDN)	Betagenon	Business Sweden
	Insulin resistance/Type 2 diabetes	AMPK activator O304	Small molecule	Phase IIa	Betagenon	Business Sweden
	Type 2 diabetes	Remygen (GABA)	Small molecule	N.a	Diamyd Medical	Invest Stockholm
	Type 2 diabetes	EMP16	Small molecule	Preclinical (CDN)	Empros Pharma	Invest Stockholm
	Diabetes	FOL-014	Peptide	Preclinical (CDN)	Follicum	Invest in Skåne
	Diabetes complications	FOL-014	Peptide	Preclinical (CDN)	Follicum	Invest in Skåne
	Protecting beta-cells in diabetes conditions	GLX7013159	Small molecule	Preclinical (CDN)	Glucos Biotech	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Diabetes type 2	Type 2 diabetes/Cardiovascular disease	Undisclosed	Small molecule	Discovery	Implexion Pharma	Business Region Göteborg
	Diabetes type 2	XEN-D0501	Small molecule	Phase IIa	PILA PHARMA	Invest in Skåne
	Diabetes type 2	QPG-1029	Peptide (biologic)	Preclinical (CDN)	QuiaPEG Pharmaceuticals	Invest Stockholm
	Type 2 diabetes	NASH-project	Small molecule	Discovery	Sprint Bioscience	Invest Stockholm
Nonalcoholic fatty liver disease / Nonalcoholic steatohepatitis	NAFLD / NASH	IOT022	Small molecule	Preclinical (CDN)	Inorbit Therapeutics	Business Region Göteborg
	NAFLD / NASH	IOT024	Small molecule	Discovery	Inorbit Therapeutics	Business Region Göteborg
	NAFLD / NASH	IOT033	Small molecule	Discovery	Inorbit Therapeutics	Business Region Göteborg
	NAFLD / NASH	Undisclosed	Small molecule	Preclinical (CDN)	Alexera	Business Region Göteborg
	NASH	NASH-project	Small molecule	Discovery	Sprint Bioscience	Invest Stockholm
Obesity	Obesity in diabetes type 2	OB5051	Small molecule	Preclinical (CDN)	Umeocrine	Business Sweden
	Obesity	EMP16	Small molecule	Phase IIa	Empros Pharma	Invest Stockholm
	Obesity	Lipid-based drug	Small molecule	Discovery	Duttal	Invest Stockholm
	Obesity	QPG-1029	Peptide (biologic)	Preclinical (CDN)	QuiaPEG Pharmaceuticals	Invest Stockholm
Other metabolism	Partial lipodystrophy	CGT2	Gene therapy	Preclinical (CDN)	CombiGene	Invest in Skåne
	Diabetic retinopathy	GLX7013114	Small molecule	Preclinical (CDN)	Glucox Biotech	Invest Stockholm
	Familial chylomicronemia syndrome (FCS)	Lipisense	RNAi	Preclinical (CDN)	Lipigon Pharmaceuticals	Business Sweden
	Hypertriglyceridemia (Lipodystrophy)	Lipisense	RNAi	Preclinical (CDN)	Lipigon Pharmaceuticals	Business Sweden
	Other dyslipidemia	Lipisense	RNAi	Discovery	Lipigon Pharmaceuticals	Business Sweden
	Polycystic ovarian disorder	OB5051	Small molecule	Preclinical (CDN)	Umeocrine	Business Sweden

## GASTROINTESTINAL

Inflammatory bowel disease	Crohn's disease	Laquinimod	Small molecule	Preclinical (CDN)	Active Biotech	Invest in Skåne
	Inflammatory bowel disease (IBD)	ILP100	Gene therapy	Preclinical (CDN)	Ilya Pharma	Invest Stockholm
	Inflammatory bowel disease (IBD)	SOL-116	Antibody	Preclinical (CDN)	LIPUM	Business Sweden
	Inflammatory intestinal diseases	AMPK activator O304	Small molecule	Discovery	Betagenon	Business Sweden
	Ulcerative colitis	Cobitolimod (DIMS)	DNA based (DIMS)	Phase IIb	InDex Pharmaceuticals Holding	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other Gastrointestinal	Bariatric Surgery	Oxabact	Live bacteria	Phase I	OxThera	Invest Stockholm
	Gastroesophageal reflux disease (GERD)	X842	Small molecule	Phase I	Cinclus Pharma	Business Region Göteborg
	Gastroparesis	NIC001	Small molecule	Phase I	Nanologica	Invest Stockholm
	Gastroschisis	IBP-1016	Live bacteria	Preclinical (CDN)	Infant Bacterial Therapeutics	Invest Stockholm
	Prevention of necrotizing enterocolitis	IBP-9414	Live bacteria	Phase III	Infant Bacterial Therapeutics	Invest Stockholm
	Short bowel syndrome	Oxabact	Live bacteria	Preclinical (CDN)	OxThera	Invest Stockholm

## INFECTION

Bacterial infections	Bacterial pneumonia	SA-042	Small molecule	Preclinical (CDN)	Double Bond Pharmaceutical	Invest Stockholm
	Bacterial vaginosis	GDAO01	Small molecule	Phase IIa	Gedea Biotech	Invest in Skåne
	Chlamydia (genital)	Chlamydia Infection Blockers	Small molecule	Discovery	QureTech Bio	Business Sweden
	Clostridium difficile infections	GmPcides	Small molecule	Discovery	QureTech Bio	Business Sweden
	Diarrheal disease	Enterotoxigenic E. coli (ETEC)	Small molecule	Phase IIb	Scandinavian Biopharma	Invest Stockholm
	Enterococcal/VRE infections	GmPcides	Small molecule	Discovery	QureTech Bio	Business Sweden
	MRSA infections	GmPcides	Small molecule	Discovery	QureTech Bio	Business Sweden
	Periodontitis	Plasminogen	Protein	Preclinical (CDN)	Omnio	Business Sweden
	Prophylactic vaccine against Chlamydia infection	Ab03	Prophylactic vaccine	Preclinical (CDN)	Abera Bioscience	Invest Stockholm
	Prophylactic vaccine in Pneumococcal disease	Ab01	Prophylactic vaccine	Preclinical (CDN)	Abera Bioscience	Invest Stockholm
	Prophylactic vaccine in Tuberculosis	Ab02	Prophylactic vaccine	Preclinical (CDN)	Abera Bioscience	Invest Stockholm
	Prophylaxis against Chlamydia infection	Chlamydia vaccine	Prophylactic vaccine	Preclinical (CDN)	Eurocine Vaccines	Invest Stockholm
	Skin infections, primarily impetigo	Sodium Fusidate	Small molecule	Preclinical (CDN)	Lipidor	Invest Stockholm
	Trachoma	Chlamydia Infection Blockers	Small molecule	Discovery	QureTech Bio	Business Sweden
	Tuberculosis - drug-sensitive	Mycobacterial Tolerance Inhibitors	Small molecule	Discovery	QureTech Bio	Business Sweden

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Bacterial infections	Tuberculosis - extensively drug-resistant (XDR-TB)	Mycobacterial Tolerance Inhibitors	Small molecule	Discovery	QureTech Bio	Business Sweden
	Tuberculosis - multidrug-resistant (MDR-TB)	Mycobacterial Tolerance Inhibitors	Small molecule	Discovery	QureTech Bio	Business Sweden
Viral infections	Chronic HCV resistant to oral drugs	human monoclonal antibody	Antibody	Preclinical (CDN)	Molecules of Man	Invest Stockholm
	HBV	ISR50	Small molecule	Phase 0	ISR Immune System Regulation Holding	Invest Stockholm
	HIV	GnRH analogue	Peptide (Biologic)	Phase IIa	ISR Immune System Regulation Holding	Invest Stockholm
	Prophylactic vaccine against Coronavirus Covid-19	SVF003	Prophylactic vaccine	Discovery	Svenska Vaccinfabriken Produktion	Invest Stockholm
	Prophylactic vaccine against HDV	SVF001	Prophylactic vaccine	Preclinical (CDN)	Svenska Vaccinfabriken Produktion	Invest Stockholm
	Prophylactic vaccine against HPV	AAVLP-HPV	Small molecule	Phase I	2A Pharma	Invest in Skåne
	Prophylaxis against influenza disease	Influenza vaccine	Small molecule	Phase IIa	Eurocine Vaccines	Invest Stockholm
	Respiratory viral infections	CUR-N399	Small molecule	Preclinical (CDN)	Curovir	Business Sweden
	Therapeutic vaccine against HBV and HDV	SVF001	Therapeutic vaccine	Preclinical (CDN)	Svenska Vaccinfabriken Produktion	Invest Stockholm
	Therapeutic vaccine against Herpes vaccine (HSV2)	Undisclosed	Therapeutic vaccine	Preclinical (CDN)	Simplexia	Business Region Göteborg
	Other infections	Infection (Wound healing)	Plasminogen	Protein	Preclinical (CDN)	Omnio
Onychomycosis		Terbinafin	Small molecule	Phase III	Moberg Pharma	Invest Stockholm
Treatment of severe malaria		Sevuparin	Polysaccharide	Phase I/II	Modus Therapeutics	Invest Stockholm
Vaginal candidiasis		GDA001	Small molecule	Phase IIa	Gedea Biotech	Invest in Skåne

## INFLAMMATION

Osteoarthritis	Cartilage damage	XSTEM OA	Cell therapy	Preclinical (CDN)	Xintela	Invest in Skåne
	Joint osteoarthritis (OA)	iPSCART	Cell therapy	Preclinical (CDN)	Cline Scientific	Business Region Göteborg
	Osteoarthritis	MIV-711	Small molecule	Phase IIb	Medivir	Invest Stockholm
	Osteoarthritis	XSTEM OA	Cell therapy	Preclinical (CDN)	Xintela	Invest in Skåne

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Osteoarthritis	Osteoarthritis in the ankle	SYN321	Small molecule	Preclinical (CDN)	Synartro	Invest Stockholm
	Osteoarthritis of the hip	SYN321	Small molecule	Preclinical (CDN)	Synartro	Invest Stockholm
	Osteoarthritis of the knee	SYN321	Small molecule	Preclinical (CDN)	Synartro	Invest Stockholm
Acute kidney injury	Acute kidney injury	GLX7013166	Small molecule	Preclinical (CDN)	Glucoc Biotech	Invest Stockholm
	Acute kidney injury	KAND567	Small molecule	Phase I	Kancera	Invest Stockholm
Chronic inflammatory disease	Antiinflammatory	OGG1 inhibitor	Small molecule	Preclinical (CDN)	Oxcia	Invest Stockholm
	Chronic inflammatory demyelinating polyneuropathy (CIDP)	Small molecules	Small molecule	Discovery	Pronoxis	Invest in Skåne
	Chronic inflammatory disease	KAND145	Small molecule	Preclinical (CDN)	Kancera	Invest Stockholm
Other inflammation	Degenerative fibrotic diseases (Liver, Kidney, Lung)	GLX7013159	Small molecule	Preclinical (CDN)	Glucoc Biotech	Invest Stockholm
	Digital ulcers	GS-248	Small molecule	Phase I	Gesynta Pharma	Invest Stockholm
	Inflammation	ALNITAK	Small molecule	Discovery	Aqilion	Invest in Skåne
	inflammation	DIMS9054	DNA based (DIMS)	Discovery	InDex Pharmaceuticals Holding	Invest Stockholm
	inflammation	DIMS9059	DNA based (DIMS)	Discovery	InDex Pharmaceuticals Holding	Invest Stockholm
	Inflammation	SBT antibody	Antibody	Discovery	Salipro Biotech	Invest Stockholm
	Inflammation	TKT934	Small molecule	Discovery	SARomics Biostructures	Invest in Skåne
	Non-invasive treatment for disc herniation	Undisclosed	Antibody	Preclinical (CDN)	Akuvio	Business Region Göteborg

## NEUROLOGY

Alzheimer's disease	Alzheimer's Disease	ACD679	Small molecule	Preclinical (CDN)	AlzeCure Pharma	Invest Stockholm
	Alzheimer's disease	ACD680	Small molecule	Discovery	AlzeCure Pharma	Invest Stockholm
	Alzheimer's disease	ACD856	Small molecule	Phase 0	AlzeCure Pharma	Invest Stockholm
	Alzheimer's disease	ACD857	Small molecule	Discovery	AlzeCure Pharma	Invest Stockholm
	Alzheimer's disease	AD1502	Antibody	Discovery	BioArctic	Invest Stockholm
	Alzheimer's disease	AD1801	Antibody	Discovery	BioArctic	Invest Stockholm
	Alzheimer's disease	ALZ-101	Peptide	Preclinical (CDN)	Alzinova	Business Region Göteborg

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Alzheimer's disease	Alzheimer's disease	ALZ-201	Antibody	Discovery	Alzinova	Business Region Göteborg
	Alzheimer's disease	BAN2401	Antibody	Phase III	BioArctic	Invest Stockholm
	Alzheimer's disease	BAN2401 back-up	Antibody	Preclinical (CDN)	BioArctic	Invest Stockholm
	Alzheimer's Disease	GAG-based Particle	Small molecule	Preclinical (CDN)	Uppsala Therapeutics	Invest Stockholm
	Amyloid-Beta Therapeutic Vaccine	AAVLP-Ab	Therapeutic vaccine	Preclinical (CDN)	2A Pharma	Invest in Skåne
Amyotrophic lateral sclerosis	Amyotrophic Lateral Sclerosis	ILB	Small molecule	Phase IIa	Tikomed	Invest in Skåne
	Amyotrophic lateral sclerosis (TAR DNA-binding protein 43)	iProg	Cell therapy	Discovery	Sinfonia Biotherapeutics	Invest Stockholm
Cognitive disorders	Cognitive disorders	GR3049	Small molecule	Discovery	Umecrine Cognition	Invest Stockholm
	Downs syndrome with dementia	BAN2401	Antibody	Preclinical (CDN)	BioArctic	Invest Stockholm
	GBA1 associated Lewy body dementia	LMTA	Cell therapy	Discovery	Sinfonia Biotherapeutics	Invest Stockholm
	Neurodegenerative conditions	Undisclosed	DNA-interference	Discovery	Gudna Pharma	Business Region Göteborg
	Neurodegenerative diseases and age related disorders	IRL942/1009	Small molecule	Preclinical (CDN)	IRLAB Therapeutics	Business Region Göteborg
Epilepsy	Epilepsy	Midazolam	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	Epilepsy-treatment resistant	CG 01	Gene therapy	Preclinical (CDN)	CombiGene	Invest in Skåne
Migraine	Menstrual migraine (MM)	Sepranolone	Small molecule	Phase IIa	Asarina Pharma	Invest Stockholm
	Migraine	Sumatriptan	Small molecule	Phase III	Klaria	Invest Stockholm
	Migraine/headache	PN6047	Small molecule	Preclinical (CDN)	PharmNovo	Invest in Skåne
Multiple sclerosis	Multiple sclerosis	BTB 001	Therapeutic vaccine	Preclinical (CDN)	BTB Pharma	Invest in Skåne
	Multiple sclerosis	SBT antibody	Antibody	Discovery	Salipro Biotech	Invest Stockholm
	Multiple sclerosis	T20K	Peptide	Phase I	Cyxone	Invest in Skåne
Opioid overdose	Opioid overdose	Naloxone	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	Opioid overdose	OX124	Small molecule	Phase I	Orexo	Invest Stockholm
	Opioid overdose	OX125	Small molecule	Phase I	Orexo	Invest Stockholm
Parkinson's disease	Cognitive disorders of other origin, e.g. PD	ACD856	Small molecule	Phase 0	AlzeCure Pharma	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Parkinson's disease	Cognitive disorders of other origin, e.g. PD	ACD857	Small molecule	Discovery	AlzeCure Pharma	Invest Stockholm
	GBA1 associated Parkinson's disease	iProg	Cell therapy	Preclinical (CDN)	Sinfonia Biotherapeutics	Invest Stockholm
	GBA1 associated Parkinson's disease	PMTA	Cell therapy	Discovery	Sinfonia Biotherapeutics	Invest Stockholm
	Parkinson's disease	ABBV-0805	Antibody	Phase I	BioArctic	Invest Stockholm
	Parkinson's disease	GAG-based Particle	Small molecule	Preclinical (CDN)	Uppsala Therapeutics	Invest Stockholm
	Parkinson's disease – acute dyskinesia for outpatient	Infudopa SubR	Small molecule	Phase IIa	Dizlin Pharmaceutical	Business Region Göteborg
	Parkinson's disease – for outpatient treatment	Infudopa SubC	Small molecule	Phase IIa	Dizlin Pharmaceutical	Business Region Göteborg
	Parkinson's disease - treatment of severely hypokinetic inpatients	Infudopa Intra V	Small molecule	Phase IIa	Dizlin Pharmaceutical	Business Region Göteborg
	Parkinson's disease dementia	IRL752	Small molecule	Phase IIa	IRLAB Therapeutics	Business Region Göteborg
	Parkinson's disease dyskinesia	Mesdopetam (IRL790)	Small molecule	Phase IIa	IRLAB Therapeutics	Business Region Göteborg
	Parkinson's disease postural instability / falls	IRL752	Small molecule	Phase IIa	IRLAB Therapeutics	Business Region Göteborg
	Parkinson's disease psychosis	Mesdopetam (IRL790)	Small molecule	Phase I	IRLAB Therapeutics	Business Region Göteborg
Psychiatric conditions	Alcohol addiction	SO01	Small molecule	Phase IIb	Sobreria Pharma	Business Region Göteborg
	Depression	GT-002	Small molecule	Phase I	Gabather	Invest in Skåne
	Depression	Ketamine	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	Opioid dependence	OX382	Small molecule	Preclinical (CDN)	Orexo	Invest Stockholm
	PMDD (Premenstrual dysphoric disorder)	Sepranolone	Small molecule	Phase lib	Asarina Pharma	Invest Stockholm
	Schizophrenia	PSD-95 modulator	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
	Tourette's syndrome	Sepranolone	Small molecule	Phase IIa	Asarina Pharma	Invest Stockholm
Traumatic brain injury	Moderate to severe traumatic brain injury	NeuroSTAT	Peptide	Phase IIa	NeuroVive Pharmaceutical	Invest in Skåne
	TBI (traumatic brain injury)	ACD856	Small molecule	Phase 0	AlzeCure Pharma	Invest Stockholm
	TBI (traumatic brain injury)	ACD857	Small molecule	Discovery	AlzeCure Pharma	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other Neurology	Hepatic encephalopathy	Golexanolone	Small molecule	Phase IIa	Umecrine Cognition	Invest Stockholm
	Myasthenia gravis	TOL2	Small molecule	Preclinical (CDN)	Toleranzia	Business Region Göteborg
	Non-traumatic subarachnoid haemorrhage	Edv2209	Small molecule	Preclinical (CDN)	Edvince	Invest in Skåne
	Post-acute stroke treatment/recovery	SIN020	Small molecule	Phase IIa	Sinntaxis	Invest in Skåne
	Prader-Willi's syndrome	OB5051	Small molecule	Preclinical (CDN)	Umecrine	Business Sweden
	Procedural Sedation	Midazolam	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	Progranulin-related Frontotemporal dementia	iProg	Cell therapy	Preclinical (CDN)	Sinfonia Biotherapeutics	Invest Stockholm
	Raynaud's phenomenon	CAM2043	Small molecule	Phase I	Camurus	Invest in Skåne
Imaging	AD - correlation to cognitive reserve	18F-NS12137 PET ligand	Small molecule	Preclinical (CDN)	DanPET	Invest in Skåne
	ADHD	18F-NS12137 PET ligand	Small molecule	Discovery	DanPET	Invest in Skåne
	Parkinson's disease	18F-NS12137 PET ligand	Small molecule	Preclinical (CDN)	DanPET	Invest in Skåne

## ONCOLOGY

Bladder cancer	Bladder cancer	MFA-370	Small molecule	Preclinical (CDN)	Ectin Research	Business Region Göteborg
	Invasive bladder cancer	Alpha1H	Protein	Phase I/II	Hamlet Pharma	Invest in Skåne
Brain cancer	Glioblastoma	GAG-based Particle	Small molecule	Preclinical (CDN)	Uppsala Therapeutics	Invest Stockholm
	Glioblastoma	LSD1 modulator	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
	Glioblastoma	Xinmab	Antibody	Preclinical (CDN)	Xintela	Invest in Skåne
	Operable primary brain tumors	SI053/Temodex	Small molecule	Phase 0	Double Bond Pharmaceutical	Invest Stockholm
	Operable secondary brain tumors	SI053/Temodex	Small molecule	Phase 0	Double Bond Pharmaceutical	Invest Stockholm
Breast cancer	Advanced metastasized triple-negative breast cancer (TNBC)	OT-1096	Small molecule	Preclinical (CDN)	Oblique Therapeutics	Business Region Göteborg
	Advanced metastatic breast cancer	OsteoDex	Small molecule	Preclinical (CDN)	DexTech Medical	Invest Stockholm
	Breast cancer	GTX1	Antibody	Preclinical (CDN)	Genagon Therapeutics	Invest Stockholm
	Breast cancer	Undisclosed	Small molecule	Preclinical (CDN)	Sortina Pharma	Business Region Göteborg



Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Breast cancer	Metastatic breast cancer	Docecal	Small molecule	Phase II	Oasmia Pharmaceutical	Invest Stockholm
	Therapeutic vaccine HER2 positive Breast cancer	AAVLP-Her2/ Neu	Therapeutic vaccine	Preclinical (CDN)	2A Pharma	Invest in Skåne
Colorectal cancer	Advanced colorectal cancer	Arfolitixorin	Small molecule	Phase III	Isofol	Business Region Göteborg
	Colon cancer	aKRAS	Antibody	Discovery	Oblique Therapeutics	Business Region Göteborg
	Colon cancer	Vps34 inhibitors, SB02024	Small molecule	Preclinical (CDN)	Sprint Bioscience	Invest Stockholm
	Colorectal cancer	LOAd703 (delolimogene mupadenorepvec)	Gene therapy	Phase IIa	Lokon Pharma	Invest Stockholm
	Colorectal cancer	Mitazalimab	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
	Metastatic tumors in colon cancer	Foxy-5	Peptide	Phase II	WntResearch	Invest in Skåne
Gastrointestinal cancer	Gastrointestinal stromal tumors	Ilixadencel	Cell therapy	Phase IIa	Immunicum	Invest Stockholm
	Treatment of advanced gastric cancer	Oncoral	Small molecule	Phase IIa	Ascelia Pharma	Invest in Skåne
Haematological malignancies	AL Amyloidosis	Melflufen	Peptide	Phase II	Oncopeptides	Invest Stockholm
	Haematological malignancy	ANOC001	Cell therapy	Discovery	Anocca	Invest Stockholm
	Hematological malignancies	ATOR-1017	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
	Hematological malignancies	PETRA 01	Small molecule	Preclinical (CDN)	Sprint Bioscience	Invest Stockholm
Head & Neck cancer	Head and Neck cancer	Birinapant	Small molecule	Phase I	Medivir	Invest Stockholm
	Head and Neck cancer	Docetaxel	Small molecule	Preclinical (CDN)	LIDDS	Invest Stockholm
	Head and Neck cancer	P28R	Peptide	Phase 0	Canimguide Therapeutics	Invest in Skåne
Kidney cancer	Metastatic renal cancer	orellanine	Small molecule	Preclinical (CDN)	Oncorena	Invest in Skåne
	Renal cancer	Vps34 inhibitors, SBO2024	Small molecule	Preclinical (CDN)	Sprint Bioscience	Invest Stockholm
	Renal cell carcinoma	ATOR-1015	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
	Renal cell carcinoma	ATOR-1144	Antibody	Preclinical (CDN)	Alligator Bioscience	Invest in Skåne
	Renal cell carcinoma	Ilixadencel	Cell therapy	Phase IIb	Immunicum	Invest Stockholm
Leukaemia	Acute lymphoblastic leukemia	Xoncane (pegaspargase)	Biosimilar	Preclinical (CDN)	Xbrane Biopharma	Invest Stockholm
	Acute myeloid leukemia	Azacitidine	Small molecule	Preclinical (CDN)	Nanexa	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Leukaemia	Acute myeloid leukemia	MIV-828	Small molecule	Discovery	Medivir	Invest Stockholm
	Acute myeloid leukemia	PETRA 01	Small molecule	Preclinical (CDN)	Sprint Bioscience	Invest Stockholm
	Chronic lymphatic leukemia	BI-1206	Antibody	Phase IIa	Bioinvent International	Invest in Skåne
	Chronic myeloid leukemia	HyNap-Dasa	Small molecule	Phase I	Xspray Pharma	Invest Stockholm
	Chronic myeloid leukemia	HyNap-Nilo	Small molecule	Phase I	Xspray Pharma	Invest Stockholm
	Leukemia	Karonudib	Small molecule	Phase I	Oxcia	Invest Stockholm
	Leukemia	MTHFD2 inhibitor	Small molecule	Preclinical (CDN)	Oxcia	Invest Stockholm
Liver cancer	Hepatoblastoma	SA-033	Small molecule	Preclinical (CDN)	Double Bond Pharmaceutical	Invest Stockholm
	Hepatocellular carcinoma	Ilixadencel	Cell therapy	Phase IIa	Immunicum	Invest Stockholm
	Hepatocellular carcinoma	MIV-818	Small molecule	Phase I	Medivir	Invest Stockholm
	Hepatocellular carcinoma	SA-033	Small molecule	Preclinical (CDN)	Double Bond Pharmaceutical	Invest Stockholm
	Liver cancer	SVF002	Cell therapy	Discovery	Svenska Vaccinfabriken Produktion	Invest Stockholm
	Liver cancer, HCC	HyNap-Sora	Small molecule	Phase I	Xspray Pharma	Invest Stockholm
	Secondary cancers in liver	SA-033	Small molecule	Preclinical (CDN)	Double Bond Pharmaceutical	Invest Stockholm
Lung cancer	Lung cancer	Docetaxel	Small molecule	Phase I	LIDDS	Invest Stockholm
	Lung cancer	SA-083	Small molecule	Discovery	Double Bond Pharmaceutical	Invest Stockholm
	Non-small cell lung cancer	CAN04	Antibody	Phase IIa	Cantargia	Invest in Skåne
	NSCLC (Non-small-cell lung carcinoma)	ALG.APV-527	Antibody	Phase 0	Alligator Bioscience	Invest in Skåne
Lymphoma	Cutaneous T-cell lymphoma (MF)	Remetinostat	Small molecule	Phase IIb	Medivir	Invest Stockholm
	Diffuse large B-cell lymphoma (DLBCL)	VAL001	Small molecule	Phase III	Respiratorius	Invest in Skåne
	Non-Hodgkin's lymphoma	BI-1206	Antibody	Phase IIa	Bioinvent International	Invest in Skåne
Melanoma	Malignant melanoma	ATOR-1015	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
	Malignant melanoma	ATOR-1144	Antibody	Preclinical (CDN)	Alligator Bioscience	Invest in Skåne
	Melanoma	LOAd703 (delolimogene mupadenorepvec)	Gene therapy	Phase I	Lokon Pharma	Invest Stockholm
	Melanoma	Vps34 inhibitors, SB02024	Small molecule	Preclinical (CDN)	Sprint Bioscience	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Melanoma	Melanoma	Xdivane (nivolumab)	Biosimilar	Preclinical (CDN)	Xbrane Biopharma	Invest Stockholm
	Uveal melanoma	RGD210112	Small molecule	Discovery	SARomics Biostructures	Invest in Skåne
Multiple myeloma	Multiple myeloma	CellProtect	Cell therapy	Phase IIa	CellProtect Nordic Pharmaceuticals	Invest Stockholm
	Multiple myeloma	LOAd713	Gene therapy	Discovery	Lokon Pharma	Invest Stockholm
	Multiple myeloma	Melflufen	Peptide	Phase III	Oncopeptides	Invest Stockholm
	Multiple myeloma	MelphaDex	Small molecule	Preclinical (CDN)	DexTech Medical	Invest Stockholm
	Multiple myeloma	Tasquinimod	Small molecule	Preclinical (CDN)	Active Biotech	Invest in Skåne
Neuroendocrine tumours	Neuroendocrine tumors	CAM2029	Small molecule	Phase IIb	Camurus	Invest in Skåne
	Neuroendocrine tumors	SomaDex	Small molecule	Phase I	DexTech Medical	Invest Stockholm
Ovarian cancer	Ovarian cancer	Aprit	Small molecule	Preclinical (CDN)	Aprit Biotech	Business Region Göteborg
	Ovarian cancer	LSD1 modulator	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
Pancreatic cancer	Pancreatic cancer	CAN04	Antibody	Phase IIa	Cantargia	Invest in Skåne
	Pancreatic cancer	LOAd703 (delolimogene mupadenorep-vec)	Gene therapy	Phase IIa	Lokon Pharma	Invest Stockholm
	Pancreatic cancer	Mitazalimab	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
Prostate cancer	Advanced metastatic prostate cancer mCRPC	OsteoDex	Small molecule	Phase IIb	DexTech Medical	Invest Stockholm
	Advanced prostate cancer	PSMADex	Small molecule	Preclinical (CDN)	DexTech Medical	Invest Stockholm
	Prostate cancer	2-hydroxy-flutamid- anti-androgen	Small molecule	Phase IIb	LIDDS	Invest Stockholm
	Prostate cancer	5A10	Antibody	Preclinical (CDN)	Diaprost	Invest in Skåne
	Prostate cancer	CAM2032	Peptide	Phase IIb	Camurus	Invest in Skåne
	Prostate cancer	Docetaxel	Small molecule	Preclinical (CDN)	LIDDS	Invest Stockholm
	Prostate cancer	Undisclosed	Antibody	Preclinical (CDN)	Metacurum Biotech	Business Sweden
Other solid tumours	IL6-dependent tumors	LOAd713	Gene therapy	Discovery	Lokon Pharma	Invest Stockholm
	Malignant tumors	NZ- IO	Small molecule	Preclinical (CDN)	LIDDS	Invest Stockholm
	Metastatic tumors	Box-5	Peptide	Preclinical (CDN)	WntResearch	Invest in Skåne
	Metastatic tumors (breast, prostate cancer)	Foxy-5	Peptide	N.a	WntResearch	Invest in Skåne

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other solid tumours	Other solid tumors	RGD210112	Small molecule	Discovery	SARomics Biostructures	Invest in Skåne
	Radionuclide treatment of solid tumors	Tumorad	Small molecule	Discovery	Spago Nanomedical	Invest in Skåne
	Solid cancer	BI-1206	Antibody	Phase I/IIa	Bioinvent International	Invest in Skåne
	Solid cancer	BI-1607	Antibody	Preclinical (CDN)	Bioinvent International	Invest in Skåne
	Solid cancer	BI-1808	Antibody	Preclinical (CDN)	Bioinvent International	Invest in Skåne
	Solid cancerforms	Karonudib	Small molecule	Phase I	Oxcia	Invest Stockholm
	Solid cancers	LSD1 modulator	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
	Solid malignant tumors	NZ-STING	Small molecule	Preclinical (CDN)	LIDDS	Invest Stockholm
	Solid malignant tumors	TLR-9	Antibody	Preclinical (CDN)	LIDDS	Invest Stockholm
	Solid tumors	ANOC001	Cell therapy	Discovery	Anocca	Invest Stockholm
	Solid tumors	ATOR-1017	Antibody	Phase I	Alligator Bioscience	Invest in Skåne
	Solid tumors	Isunakinra	Protein	Phase I	Buzzard Pharmaceuticals	Invest Stockholm
	Solid tumors	Naptumomab estafenatox	Antibody	Phase I	Active Biotech	Invest in Skåne
	Solid tumors	P28R	Peptide	Phase 0	Canimguide Therapeutics	Invest in Skåne
	Solid tumors	pTTL -ATMP	Cell therapy	Preclinical (CDN)	TCER	Invest Stockholm
	Solid tumors	TrojanDC cancer gene therapy	Gene therapy	Preclinical (CDN)	Asgard Therapeutics AV	Invest in Skåne
Other cancers	Basal cell carcinoma	Remetinostat	Small molecule	Phase IIa	Medivir	Invest Stockholm
	Cancer	GLX7013166	Small molecule	Preclinical (CDN)	Glucox Biotech	Invest Stockholm
	Cancer	GnRH analogue	Peptide (Biologic)	Phase 0	ISR Immune System Regulation Holding	Invest Stockholm
	Cancer	IMY-01	Small molecule	Discovery	Immunscape	Invest Stockholm
	Cancer	IMY-03	Small molecule	Discovery	Immunscape	Invest Stockholm
	Cancer	ISR50	Small molecule	Preclinical (CDN)	ISR Immune System Regulation Holding	Invest Stockholm
	Cancer	KRAS inhibitor	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
	Cancer	Undisclosed	RNAi	Preclinical (CDN)	Xandrax	Business Region Göteborg
	Cancer	USP7 inhibitor	Small molecule	Discovery	Beactica Therapeutics	Invest Stockholm
	Cancer	VADA	Small molecule	Discovery	Sprint Bioscience	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other cancers	Cancer immunotherapy	EnzE	Protein	Discovery	Hansa Biopharma	Invest in Skåne
	Certain cancers	AMPK activator O304	Small molecule	Discovery	Betagenon	Business Sweden
	Immuno-oncology program	Undisclosed	Gene therapy	Discovery	Asgard Therapeutics AV	Invest in Skåne
	Mesothelioma	ALG.APV-527	Antibody	Phase 0	Alligator Bioscience	Invest in Skåne
	Metastatic cancers	RVO01	Peptide	Phase IIb	rhovac	Invest in Skåne
	Oncology	ALHENA	Small molecule	Discovery	Aqilion	Invest in Skåne
	Oncology	ALNITAK	Small molecule	Discovery	Aqilion	Invest in Skåne
	Oncology	TKT934	Small molecule	Discovery	SARomics Biostructures	Invest in Skåne
	Other aggressive cancers expressing alpha 10	Xinmab	Antibody	Discovery	Xintela	Invest in Skåne
	Squamous cell carcinoma	Remetinostat	Small molecule	Phase IIa	Medivir	Invest Stockholm
	Therapeutic vaccine in cancer	Ab04	Therapeutic vaccine	Preclinical (CDN)	Abera Bioscience	Invest Stockholm
	Various cancers	QAS-19	Small molecule	Preclinical (CDN)	Oasmia Pharmaceutical	Invest Stockholm
Imaging	Cancer – diagnosis based on angiogenesis	18F-NS14490 PET ligand	Small molecule	Preclinical (CDN)	DanPET	Invest in Skåne
	Improved liver visualization in MRI in patients with severe renal insufficiency or acute kidney injury	Mangoral	Small molecule	Phase III	Ascelia Pharma	Invest in Skåne
	Metastatic breast cancer	ABY-025	Protein	Phase IIb	Affibody	Invest Stockholm
	MRI of breast cancer	SpagoPix (SN132D)	Small molecule	Phase I	Spago Nanomedical	Invest in Skåne
	MRI of cancer	SpagoPix (SN132D)	Small molecule	Preclinical (CDN)	Spago Nanomedical	Invest in Skåne

## OPHTHALMOLOGY

Ophthalmology	Dry eye syndrome	ACD855	Small molecule	Preclinical (CDN)	AlzeCure Pharma	Invest Stockholm
	Dry eye syndrome	Estradiol	Small molecule	Phase IIb	Redwood Pharma	Invest Stockholm
	Glaucoma	ACD855	Small molecule	Preclinical (CDN)	AlzeCure Pharma	Invest Stockholm
	Uveitis	Laquinimod	Small molecule	Preclinical (CDN)	Active Biotech	Invest in Skåne
	Wet age-related macular degeneration (AMD)	Laquinimod	Small molecule	Preclinical (CDN)	Active Biotech	Invest in Skåne

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Ophthalmology	Wet age-related macular degeneration (neovascular)	Xlucane (ranibizumab)	Biosimilar	Phase III	Xbrane Biopharma	Invest Stockholm

## PAIN

Pain	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
	Acute pain	Ketamine	Small molecule	Preclinical (CDN)	Klaria	Invest Stockholm
	Chronic back pain-Opioid crisis	AMPK activator O304	Small molecule	Discovery	Betagenon	Business Sweden
	Chronic discogenic low back pain	STA363	Small molecule	Phase IIb	Stayble Therapeutics	Business Region Göteborg
	Chronic Pain	CAM2038	Small molecule	Phase III	Camurus	Invest in Skåne
	Chronic pain	Fentanyl	Small molecule	Phase 0	Emplicure	Invest Stockholm
	Chronic pain	Oxycodone	Small molecule	Phase 0	Emplicure	Invest Stockholm
	Cluster headache	Sumatriptan	Small molecule	Phase III	Klaria	Invest Stockholm
	Neuropathic pain	PN6047	Small molecule	Preclinical (CDN)	PharmNovo	Invest in Skåne
	Pain	aTRPV1	Antibody	Discovery	Oblique Therapeutics	Business Region Göteborg
	Pain	OX338	Small molecule	Phase I	Orexo	Invest Stockholm
	Pain	SBT antibody	Antibody	Discovery	Salipro Biotech	Invest Stockholm
	Pain treatment for oral mucositis	Bupivacain	Small molecule	Phase IIb	Moberg Pharma	Invest Stockholm
	Premedication	Clonidine	Small molecule	Phase 0	Emplicure	Invest Stockholm

## RESPIRATORY

Asthma	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
	Exacerbations in asthma	CUR-N399	Small molecule	Preclinical (CDN)	Curovir	Business Sweden
	Severe asthma	RESP1000	Small molecule	Preclinical (CDN)	Respiratorius	Invest in Skåne
	Severe asthma	RESP2000	Small molecule	Discovery	Respiratorius	Invest in Skåne
	Severe asthma	RESP9000	Small molecule	Preclinical (CDN)	Respiratorius	Invest in Skåne
Chronic Obstructive Pulmonary Disease	COPD	Iodocarb	Small molecule	Phase II	Pharmalundensis	Invest in Skåne
	COPD	RESP1000	Small molecule	Preclinical (CDN)	Respiratorius	Invest in Skåne
	COPD	RESP2000	Small molecule	Discovery	Respiratorius	Invest in Skåne
	COPD	RESP9000	Small molecule	Preclinical (CDN)	Respiratorius	Invest in Skåne
	Exacerbations in COPD	CUR-N399	Small molecule	Preclinical (CDN)	Curovir	Invest Stockholm

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Other Respiratory	Cough	PN6047	Small molecule	Preclinical (CDN)	PharmNovo	Invest in Skåne
	Croup	Isicort (dexamethasone ODF)	Small molecule	Phase III	AcuCort	Invest in Skåne
	Idiopathic pulmonary fibrosis (IPF)	AmnioIPF	Cell therapy	Preclinical (CDN)	Amniotics	Invest in Skåne
	Idiopathic pulmonary fibrosis (IPF)	C21	Small molecule	Phase II	Vicore Pharma	Business Region Göteborg
	Idiopathic pulmonary disease	Undisclosed	Small molecule	Preclinical (CDN)	Nanologica	Invest Stockholm
	ILD Interstitial lung disease	C21	Small molecule	N.a	Vicore Pharma	Business Region Göteborg
	Lung fibrosis	AM1476	Small molecule	Preclinical (CDN)	AnaMar	Invest in Skåne

## TRANSPLANTATION

Transplantation	Antibody Mediated Rejection (AMR), post kidney transplants	Imlifidase	Protein	Phase II	Hansa Biopharma	Invest in Skåne
	Cell therapy – diabetes type 1	Cytoparin	Polysaccharide	Phase 0	Corline Biomedical	Invest Stockholm
	Cell therapy – other systemically distributed	Cytoparin	Polysaccharide	Discovery	Corline Biomedical	Invest Stockholm
	Islet transplantation in diabetes Type 1	IBsolvMIR	Polysaccharide	Phase II	Tikomed	Invest in Skåne
	Kidney transplantation	Renaparin	Polysaccharide	Phase I	Corline Biomedical	Invest Stockholm
	Liver transplantation	Renaparin	Polysaccharide	Preclinical (CDN)	Corline Biomedical	Invest Stockholm
	Lung transplantation	Renaparin	Polysaccharide	Preclinical (CDN)	Corline Biomedical	Invest Stockholm
	Prevention of transplant rejection	ProTrans	Cell therapy	Preclinical (CDN)	NextCell Pharma	Invest Stockholm
	Tolerogen cell therapy towards organ rejection at transplantation	IDO T	Cell therapy	Preclinical (CDN)	Idogen	Invest in Skåne

Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
<b>OTHER THERAPEUTIC AREAS</b>						
Chemotherapy-induced malignancies	Chemotherapy-induced nausea and vomiting	CAM2047	Small molecule	Phase I	Camurus	Invest in Skåne
	Chemotherapy-induced nausea and vomiting	Isicort (dexamethasone ODF)	Small molecule	Phase III	AcuCort	Invest in Skåne
Chemotherapy-induced malignancies	Chemotherapy-induced peripheral neuropathy (CIPN) in CRC patients treated with oxaliplatin	PledOx	Small molecule	Preclinical (CDN)	PledPharma	Invest Stockholm
	Chemotherapy-induced peripheral neuropathy with taxanes	PledOx	Small molecule	Phase III	PledPharma	Invest Stockholm
	Chemotherapy-induced thrombocytopenia	Avatrombopag	Small molecule	Phase III	Sobi - Swedish Orphan Biovitrum	Invest Stockholm
Endocrinology/ Metabolism	Acromegaly	CAM2029	Peptide	Phase III	Camurus	Invest in Skåne
	Acute liver injury associated with paracetamol/acetaminophen poisoning	Aladote	Small molecule	Phase IIb	PledPharma	Invest Stockholm
	Primary hyperoxaluria	Oxabact	Live bacteria	Phase III	OxThera	Invest Stockholm
Haematological malignancies	Factor VIII deficiency (Haemophilia A)	BIVV001 - rFVIII-Fc-VWF-XTEN	Protein	Phase III	Sobi - Swedish Orphan Biovitrum	Invest Stockholm
	Tolerogen cell therapy towards factor VIII (hemophilia A)	IDO 8	Cell therapy	Preclinical (CDN)	Idogen	Invest in Skåne
Obstetrics	Intrahepatic cholestasis in pregnancy	Live bacterial product	Live bacteria	Discovery	Metabogen	Business Region Göteborg
	Labor arrest	Tafoxiparin	Polysaccharide	Phase IIb	Dilafor	Invest Stockholm
	Labor induction	Tafoxiparin	Polysaccharide	Phase IIb	Dilafor	Invest Stockholm
Rare disease	Anti-glomerular basement membrane (anti-GBM) disease	Imlifidase	Protein	Phase II	Hansa Biopharma	Invest in Skåne
	Becker Muscular Dystrophy	ND-XMD	Small molecule	Phase IIa	Sarcomed	Invest Stockholm
	Duchenne muscular dystrophy	ND-XMD	Small molecule	Phase IIa	Sarcomed	Invest Stockholm



Subgroup	Indication	Name / Project	Type of compound	Developmental phase	Company	Business Region
Rare disease	Guillain-Barré syndrome (GBS)	Imlifidase	Protein	Phase II	Hansa Biopharma	Invest in Skåne
	Leigh syndrome	NV354	Small molecule	Preclinical (CDN)	NeuroVive Pharmaceutical	Invest in Skåne
	Limb-Girdle muscular dystrophy	ND-XMD	Small molecule	Phase IIa	Sarcomed	Invest Stockholm
	MCT8 deficiency	Tiratricol	Small molecule	Phase III	Rare Thyroid Therapeutics International	Invest Stockholm
	Primary mitochondrial disease with Complex I deficiency	NV354	Small molecule	Preclinical (CDN)	NeuroVive Pharmaceutical	Invest in Skåne
	Primary mitochondrial diseases	KL1333	Small molecule	Phase I	NeuroVive Pharmaceutical	Invest in Skåne
	Secondary hemophagocytic lymphohistiocytosis in adults	Emapalumab	Antibody	Phase II/III	Sobi - Swedish Orphan Biovitrum	Invest Stockholm
Other	Sexual dysfunction	DIC2024	Small molecule	Preclinical (CDN)	Dicot	Invest Stockholm
	Smoking cessation	Nicotine	Small molecule	Phase 0	Emplicure	Invest Stockholm

# Rare diseases

*A compilation of all 108 rare disease in the pipeline.  
Company names are in alphabetical order.*

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
Active Biotech	Oncology	Multiple myeloma	Tasquinimod	Small molecule	Preclinical (CDN)	Invest in Skåne
Affibody	Autoimmune/ Immunology	Undisclosed	ABY-039	Protein	Phase I	Invest Stockholm
Affibody	Oncology	Metastatic breast cancer	ABY-025	Protein	Phase IIb	Invest Stockholm
Alligator Bioscience	Oncology	Hematological malignancies	ATOR-1017	Antibody	Phase I	Invest in Skåne
Alligator Bioscience	Oncology	Mesothelioma	ALG.APV-527	Antibody	Phase 0	Invest in Skåne
AlzeCure Pharma	Neurology	TBI (traumatic brain injury)	ACD856	Small molecule	Phase 0	Invest Stockholm
AlzeCure Pharma	Neurology	TBI (traumatic brain injury)	ACD857	Small molecule	Discovery	Invest Stockholm
Amniotics	Respiratory	Idiopathic pulmonary fibrosis (IPF)	AmniolPF	Cell therapy	Preclinical (CDN)	Invest in Skåne

## RARE DISEASES

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
AnaMar	Autoimmune/ Immunology	Systemic sclerosis	AM1476	Small molecule	Preclinical (CDN)	Invest in Skåne
AnaMar	Respiratory	Lung fibrosis	AM1476	Small molecule	Preclinical (CDN)	Invest in Skåne
Ascelia Pharma	Oncology	Treatment of advanced gastric cancer	Oncoral	Small molecule	Phase IIa	Invest in Skåne
Athera Biotechnologies	Cardiovascular	AV Access Dysfunction in Dialysis Patients	ATH3G10	Antibody	Phase I	Invest Stockholm
Beactica Therapeutics	Oncology	Glioblastoma	LSD1 modulator	Small molecule	Discovery	Invest Stockholm
Bioinvent International	Oncology	Chronic lymphatic leukemia	BI-1206	Antibody	Phase IIa	Invest in Skåne
Bioinvent International	Oncology	Non-Hodgkin's lymphoma	BI-1206	Antibody	Phase IIa	Invest in Skåne
Calliditas Therapeutic	Autoimmune/ Immunology	Autoimmune hepatitis, AIH	Nefecon	Small molecule	Discovery	Invest Stockholm
Calliditas Therapeutic	Autoimmune/ Immunology	Primary IgA nephropathy	Nefecon	Small molecule	Phase III	Invest Stockholm
Camurus	Cardiovascular	Pulmonary arterial hypertension	CAM2043	Small molecule	Phase I	Invest in Skåne
Camurus	Oncology	Neuroendocrine tumors	CAM2029	Small molecule	Phase IIb	Invest in Skåne
Camurus	Other therapeutic areas	Acromegaly	CAM2029	Peptide	Phase III	Invest in Skåne
Canimguide Therapeutics	Oncology	Head and Neck cancer	P28R	Peptide	Phase 0	Invest in Skåne
Cantargia	Autoimmune/ Immunology	Systemic sclerosis	CAN10	Antibody	Preclinical (CDN)	Invest in Skåne
CellProtect Nordic Pharmaceuticals	Oncology	Multiple myeloma	CellProtect	Cell therapy	Phase IIa	Invest Stockholm
CombiGene	Endocrinology/ Metabolism	Partial lipodystrophy	CGT2	Gene therapy	Preclinical (CDN)	Invest in Skåne
Corline Biomedical	Transplantation	Cell therapy - diabetes type 1	Cytoparin	Polysaccharides	Phase 0	Invest Stockholm
Corline Biomedical	Transplantation	Cell therapy - other systemically distributed	Cytoparin	Polysaccharides	Discovery	Invest Stockholm
Corline Biomedical	Transplantation	Kidney transplantation	Renaparin	Polysaccharides	Phase I	Invest Stockholm
Corline Biomedical	Transplantation	Liver transplantation	Renaparin	Polysaccharides	Preclinical (CDN)	Invest Stockholm
Corline Biomedical	Transplantation	Lung transplantation	Renaparin	Polysaccharides	Preclinical (CDN)	Invest Stockholm
DexTech Medical	Oncology	Multiple myeloma	MelphaDex	Small molecule	Preclinical (CDN)	Invest Stockholm
Diamyd Medical	Endocrinology/ Metabolism	Type 1 diabetes	Diamyd (rhGAD65/alum)	Small molecule	Phase IIb	Invest Stockholm
Double Bond Pharmaceutical	Oncology	Operable primary brain tumors	SI053/Temodex	Small molecule	Phase 0	Invest Stockholm
Double Bond Pharmaceutical	Oncology	Operable secondary brain tumors	SI053/Temodex	Small molecule	Phase 0	Invest Stockholm

## RARE DISEASES

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
Double Bond Pharmaceutical	Oncology	Hepatoblastoma	SA-033	Small molecule	Preclinical (CDN)	Invest Stockholm
Double Bond Pharmaceutical	Oncology	Hepatocellular carcinoma	SA-033	Small molecule	Preclinical (CDN)	Invest Stockholm
Double Bond Pharmaceutical	Oncology	Secondary cancers in liver	SA-033	Small molecule	Preclinical (CDN)	Invest Stockholm
Edvince	Neurology	Non-traumatic subarachnoid haemorrhage	Edv2209	Small molecule	Preclinical (CDN)	Invest in Skåne
Gesynta Pharma	Inflammation	Digital ulcers	GS-248	Small molecule	Phase I	Invest Stockholm
Hansa Biopharma	Other therapeutic areas	Anti-glomerular basement membrane (anti-GBM) disease	Imlifidase	Protein	Phase II	Invest in Skåne
Hansa Biopharma	Other therapeutic areas	Guillain-Barré syndrome (GBS)	Imlifidase	Protein	Phase II	Invest in Skåne
Hansa Biopharma	Transplantation	Antibody Mediated Rejection (AMR), post kidney transplants	Imlifidase	Protein	Phase II	Invest in Skåne
Idogen	Other therapeutic areas	Tolerogen cell therapy towards factor VIII (hemophilia A)	IDO 8	Cell therapy	Preclinical (CDN)	Invest in Skåne
Immunicum	Oncology	Gastrointestinal stromal tumors	Ilixadencel	Cell therapy	Phase IIa	Invest Stockholm
Immunicum	Oncology	Hepatocellular carcinoma	Ilixadencel	Cell therapy	Phase IIa	Invest Stockholm
Infant Bacterial Therapeutics	Gastro-intestinal	Gastroschisis	IBP-1016	Live bacteria	Preclinical (CDN)	Invest Stockholm
Infant Bacterial Therapeutics	Gastro-intestinal	Prevention of necrotizing enterocolitis	IBP-9414	Live bacteria	Phase III	Invest Stockholm
LIDDS	Oncology	Head and Neck cancer	Docetaxel	Small molecule	Preclinical (CDN)	Invest Stockholm
LIDDS	Oncology	Lung cancer	Docetaxel	Small molecule	Phase I	Invest Stockholm
LIDDS	Oncology	Malignant tumors	NZ- IO	Small molecule	Preclinical (CDN)	Invest Stockholm
LIDDS	Oncology	Solid malignant tumors	NZ-STING	Small molecule	Preclinical (CDN)	Invest Stockholm
LIDDS	Oncology	Solid malignant tumors	TLR-9	Antibody	Preclinical (CDN)	Invest Stockholm
Lipigon Pharmaceuticals	Endocrinology/ Metabolism	Familial chylomicronemia syndrome (FCS)	Lipisense	RNAi	Preclinical (CDN)	Business Sweden
Lipigon Pharmaceuticals	Endocrinology/ Metabolism	Hypertriglyceridemia (Lipodystrophy)	Lipisense	RNAi	Preclinical (CDN)	Business Sweden
LIPUM	Autoimmune/ Immunology	Juvenile idiopathic arthritis (JIA)	SOL-116	Antibody	Preclinical (CDN)	Business Sweden

## RARE DISEASES

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
Lokon Pharma	Oncology	Multiple myeloma	LOAd713	Gene therapy	Discovery	Invest Stockholm
Lokon Pharma	Oncology	Pancreatic cancer	LOAd703 (delolimogene mupadenorep-vec)	Gene therapy	Phase IIa	Invest Stockholm
Medivir	Oncology	Acute myeloid leukemia	MIV-828	Small molecule	Discovery	Invest Stockholm
Medivir	Oncology	Hepatocellular carcinoma	MIV-818	Small molecule	Phase I	Invest Stockholm
Medivir	Oncology	Cutaneous T-cell lymphoma (MF)	Remetinostat	Small molecule	Phase IIb	Invest Stockholm
Metabogen	Other therapeutic areas	Intrahepatic cholestasis in pregnancy	Live bacterial product	Live bacteria	Discovery	Business Region Göteborg
Modus Therapeutics	Cardiovascular	Treatment of vaso-occlusive crisis in patients with sickle cell disease	Sevuparin	Polysaccharide	Phase II	Invest Stockholm
Molecules of Man	Infection	Chronic HCV resistant to oral drugs	human monoclonal antibody	Antibody	Preclinical (CDN)	Invest Stockholm
Nanexa	Oncology	Acute myeloid leukemia	Azacitidine	Small molecule	Preclinical (CDN)	Invest Stockholm
Nanologica	Respiratory	Idiopathic pulmonary disease	Undisclosed	Small molecule	Preclinical (CDN)	Invest Stockholm
NeuroVive Pharmaceutical	Neurology	Moderate to severe traumatic brain injury	NeuroSTAT	Peptide	Phase IIa	Invest in Skåne
NeuroVive Pharmaceutical	Other therapeutic areas	Leigh syndrome	NV354	Small molecule	Preclinical (CDN)	Invest in Skåne
NeuroVive Pharmaceutical	Other therapeutic areas	Primary mitochondrial disease with Complex I deficiency	NV354	Small molecule	Preclinical (CDN)	Invest in Skåne
NeuroVive Pharmaceutical	Other therapeutic areas	Primary mitochondrial diseases	KL1333	Small molecule	Phase I	Invest in Skåne
NextCell Pharma	Autoimmune/Immunology	Autoimmune diseases	ProTrans	Cell therapy	Preclinical (CDN)	Invest Stockholm
Oncopeptides	Oncology	AL Amyloidosis	Melflufen	Peptide	Phase II	Invest Stockholm
Oncopeptides	Oncology	Multiple myeloma	Melflufen	Peptide	Phase III	Invest Stockholm
Oncorena	Oncology	Metastatic renal cancer	orellanine	Small molecule	Preclinical (CDN)	Invest in Skåne
OxThera	Gastrointestinal	Short bowel syndrome	Oxabact	Live bacteria	Preclinical (CDN)	Invest Stockholm
OxThera	Other therapeutic areas	Primary hyperoxaluria	Oxabact	Live bacteria	Phase III	Invest Stockholm
PledPharma	Other therapeutic areas	Acute liver injury associated with paracetamol/acetaminophen poisoning	Aladote	Small molecule	Phase IIb	Invest Stockholm

## RARE DISEASES

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
Pronoxis	Autoimmune/ Immunology	Systemic lupus erythematosus (SLE)	Small molecules	Small molecule	Discovery	Invest in Skåne
Pronoxis	Inflammation	Chronic inflammatory demyelinating polyneuropathy (CIDP)	Small molecules	Small molecule	Discovery	Invest in Skåne
QureTech Bio	Infection	Enterococcal/ VRE infections	GmPcides	Small molecule	Discovery	Business Sweden
QureTech Bio	Infection	Trachoma	Chlamydia Infection Blockers	Small molecule	Discovery	Business Sweden
QureTech Bio	Infection	Tuberculosis - extensively drug-resistant (XDR-TB)	Mycobacterial Tolerance Inhibitors	Small molecule	Discovery	Business Sweden
QureTech Bio	Infection	Tuberculosis - multidrug-resistant (MDR-TB)	Mycobacterial Tolerance Inhibitors	Small molecule	Discovery	Business Sweden
Rare Thyroid Therapeutics International	Other therapeutic areas	MCT8 deficiency	Tiratricol	Small molecule	Phase III	Invest Stockholm
Respiratorius	Oncology	Diffuse large B-cell lymphoma (DLBCL)	VAL001	Small molecule	Phase III	Invest in Skåne
Sarcomed	Other therapeutic areas	Becker Muscular Dystrophy	ND-XMD	Small molecule	Phase IIa	Invest Stockholm
Sarcomed	Other therapeutic areas	Duchenne muscular dystrophy	ND-XMD	Small molecule	Phase IIa	Invest Stockholm
Sarcomed	Other therapeutic areas	Limb-Girdle muscular dystrophy	ND-XMD	Small molecule	Phase IIa	Invest Stockholm
SARomics Biostructures	Oncology	Uveal melanoma	RGD210112	Small molecule	Discovery	Invest in Skåne
SARomics Biostructures	Oncology	Other solid tumors	RGD210112	Small molecule	Discovery	Invest in Skåne
Sinfonia Biotherapeutics	Neurology	Amyotrophic lateral sclerosis (TAR DNA-binding protein 43)	iProg	Cell therapy	Discovery	Invest Stockholm
Sixera Pharma	Dermatology/ Wound healing	Netherton syndrome	SXR1096	Small molecule	Preclinical (CDN)	Invest Stockholm
Sobi - Swedish Orphan Biovitrum	Autoimmune/ Immunology	Macrophage Activation Syndrome Lymphohistiocytosis, Hemophagocytic Arthritis, Juvenile	Emapalumab	Antibody	Phase II	Invest Stockholm
Sobi - Swedish Orphan Biovitrum	Other therapeutic areas	Chemotherapy-induced thrombocytopenia	Avatrombopag	Small molecule	Phase III	Invest Stockholm
Sobi - Swedish Orphan Biovitrum	Other therapeutic areas	Factor VIII deficiency (Hemophilia A)	BIVV001 - rFVIII-Fc-VWF-XTEN	Protein	Phase III	Invest Stockholm

## RARE DISEASES

Company	Therapeutic Area	Indication	Name / Project	Type of compound	Developmental phase	Business Region
Sobi - Swedish Orphan Biovitrum	Other therapeutic areas	Secondary hemophagocytic lymphohistiocytosis in adults	Emapalumab	Antibody	Phase II/III	Invest Stockholm
Sprint Bioscience	Oncology	Acute myeloid leukemia	PETRA 01	Small molecule	Preclinical (CDN)	Invest Stockholm
Tikomed	Neurology	Amyotrophic Lateral Sclerosis	ILB	Small molecule	Phase IIa	Invest in Skåne
Tikomed	Transplantation	Islet transplantation in diabetes Type 1	IBsolvMIR	Polysaccharide	Phase II	Invest in Skåne
Toleranzia	Autoimmune/ Immunology	Anti-neutrophil cytoplasmic antibody-associated vasculitis (ANCA vasculitis)	TOL3	Small molecule	Preclinical (CDN)	Business Region Göteborg
Toleranzia	Neurology	Myasthenia gravis	TOL2	Small molecule	Preclinical (CDN)	Business Region Göteborg
Umecrine	Neurology	Prader-Willi's syndrome	OB5051	Small molecule	Preclinical (CDN)	Business Sweden
Uppsala Therapeutics	Oncology	Glioblastoma	GAG-based Particle	Small molecule	Preclinical (CDN)	Invest Stockholm
Vicore Pharma	Respiratory	Idiopathic pulmonary fibrosis (IPF)	C21	Small molecule	Phase II	Business Region Göteborg
Vicore Pharma	Respiratory	ILD Interstitial lung disease	C21	Small molecule	N.a	Business Region Göteborg
Xbrane Biopharma	Oncology	Acute lymphoblastic leukemia	Xoncane (pegaspargase)	Biosimilar	Preclinical (CDN)	Invest Stockholm
Xintela	Oncology	Glioblastoma	Xinmab	Antibody	Preclinical (CDN)	Invest in Skåne
Xspray Pharma	Oncology	Chronic myeloid leukemia	HyNap-Dasa	Small molecule	Phase I	Invest Stockholm
Xspray Pharma	Oncology	Chronic myeloid leukemia	HyNap-Nilo	Small molecule	Phase I	Invest Stockholm
Xspray Pharma	Oncology	Liver cancer, HCC	HyNap-Sora	Small molecule	Phase I	Invest Stockholm

# Materials and methods

In October 2019, SwedenBIO initiated an extensive search to identify companies active in the field of discovery and development of drugs for human use, using information from previous years' reports, databases, conference attendee lists, and our own database of member companies. We also contacted incubators, science parks and investment promotion agencies across the country in order to broaden the scope of the search for and identification of relevant companies.

We prepared an on-line survey and used a reference group of individuals with differing profiles and backgrounds to discuss and evaluate the survey prior to distribution of the complete company list.

During January and February 2020, we invited companies to participate in the survey and to provide answers to general questions about their company and also about any relevant technologies and information regarding their projects and products within the field of drug discovery and development. The invitation to participate was widely distributed and

also included in several of our collaborators' newsletters in order to reach out to an even wider network of companies. Follow-up phone calls were made to the recipients to present and inform about the initiative.

## Selection process and analysis

The data from the survey was collated and follow-up interviews were performed both by phone and e-mail to ascertain proper relevance to the drug discovery field, and also to complement survey answers. 127 companies responded to the survey, of which 8 were excluded due to the delimitations. Thorough web searches were performed to gather information on any relevant drug discovery and development companies that we did not manage to get in touch with.

## Selection of companies

We selected 148 companies based on the following criteria: stock companies; companies headquartered in Sweden; companies with research and development in drugs for human use; and companies with a business-to-business model.

Service providers and business-to-consumer companies as well as medical device development projects were excluded.

## Data sources

The databases used were: The Swedish Industry Guide, ([www.swedishlifesciences.com](http://www.swedishlifesciences.com)), Biotechgate.com, SwedenBIO's member list ([swedenbio.se/members](http://swedenbio.se/members)), conference attendee lists e.g. from Nordic Life Science Days ([nlsdays.com](http://nlsdays.com)) as well as relevant company web sites. Incubators, science parks and investment promotion agencies were contacted to obtain more extensive information on companies. Corporate information was obtained from Allabolag ([www.allabolag.se](http://www.allabolag.se)).

Data from previous reports – The Swedish Drug Development Pipeline report -06, -07, -08, -09, -10, -11, -12, -13, -14, -15 and -16 were included for comparison.

**All reports can be downloaded from the SwedenBIO website: [www.swedenbio.se/pipeline](http://www.swedenbio.se/pipeline)**



This project list is an appendix to the report The Swedish Drug Discovery and Development Pipeline 2020, published by SwedenBIO with financial support from Business Sweden, Vinnova, Business Region Göteborg, Invest in Skåne and Invest Stockholm.