

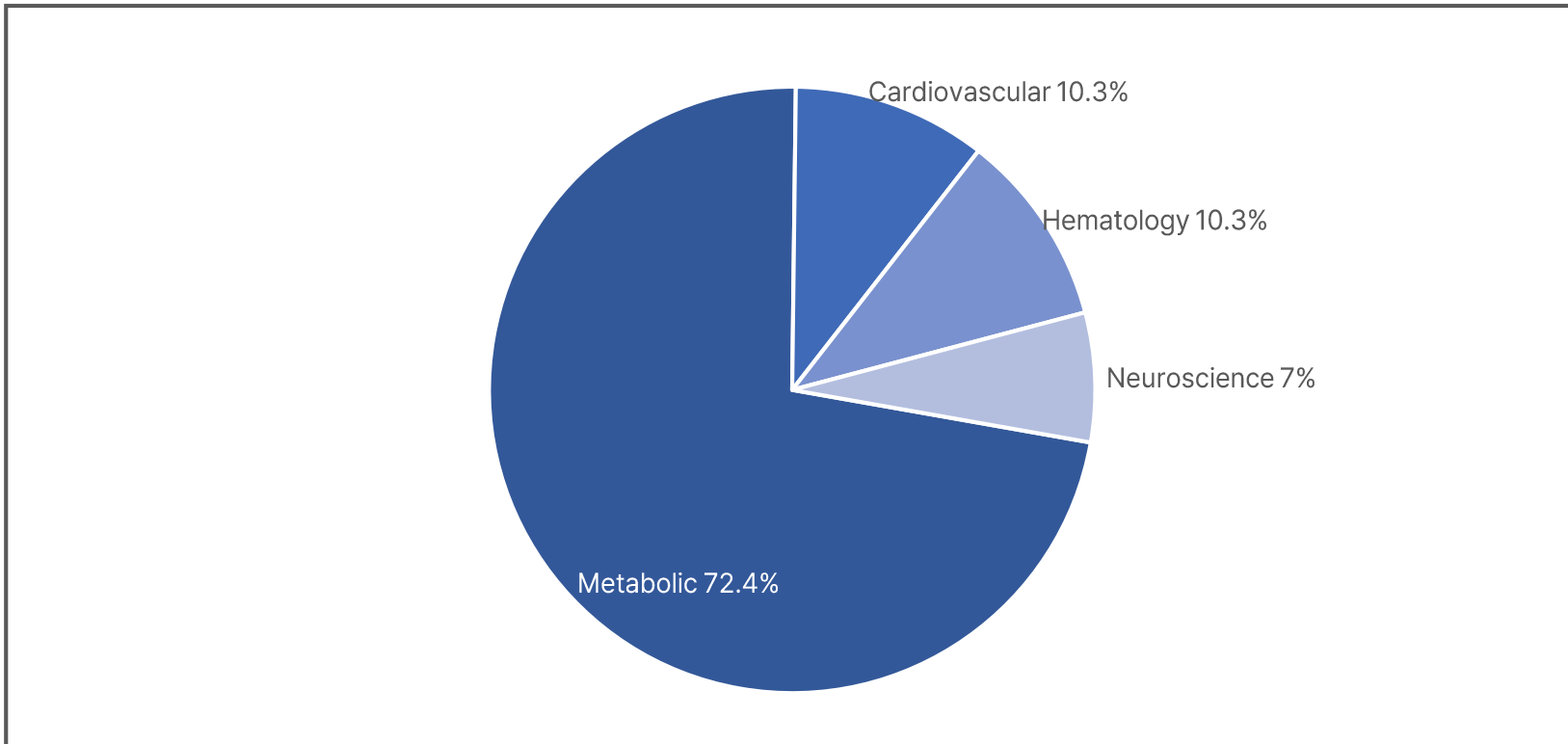
글로벌 제약사 파이프라인 분석

- Novo Nordisk -

2022. 09.

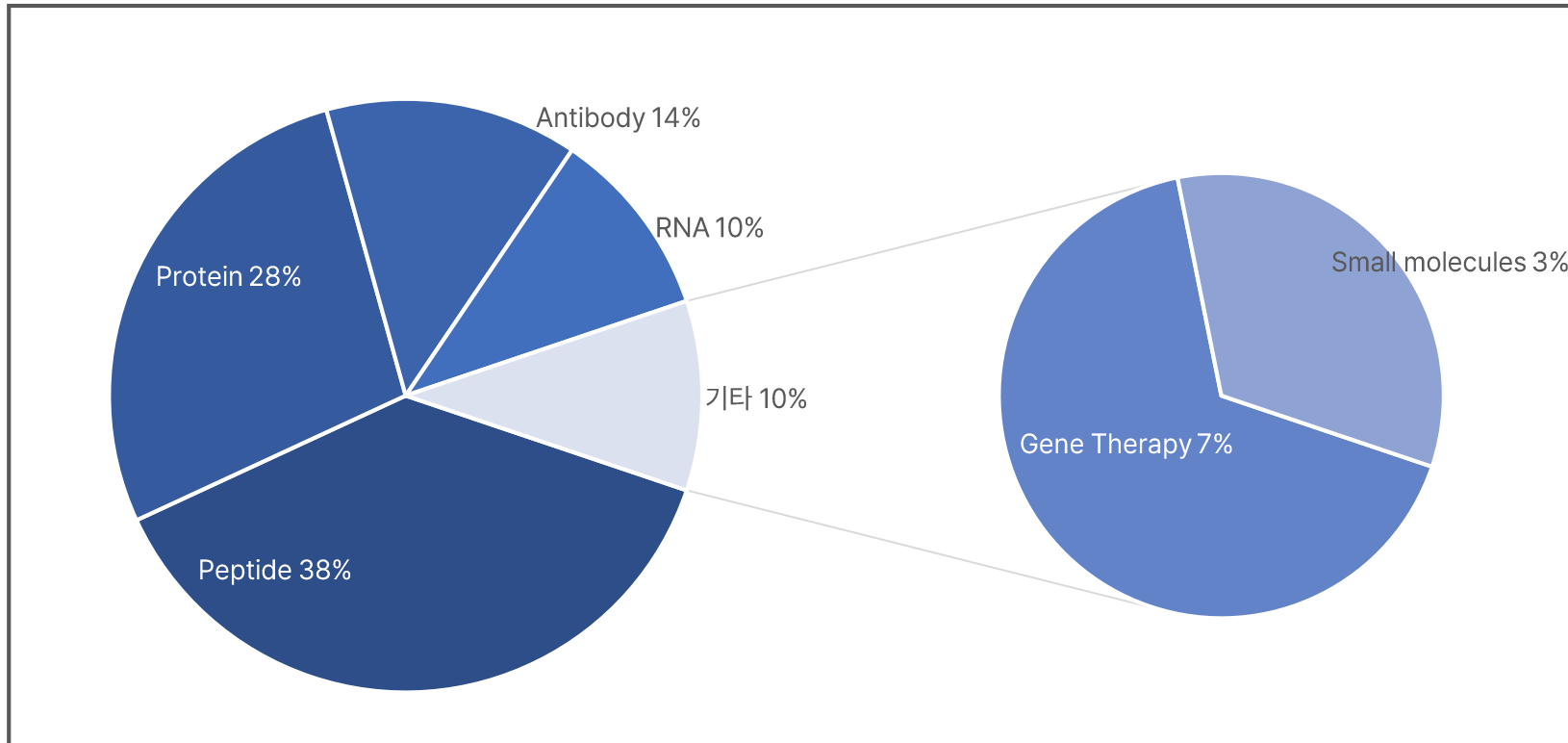

국가신약개발사업단

- 질환별 파이프라인




질환분야	개수	비중
Metabolic	21	72.4%
Cardiovascular	3	10.3%
Hematology	3	10.3%
Neuroscience	2	7%
합계	29개	100%

- 물질별 파이프라인

물질	개수	비중
Peptide	11	38%
Protein	8	28%
Antibody	4	14%
RNA	3	10%
Gene Therapy	2	7%
Small molecules	1	3%
합계	29개	100%

• 상세 파이프라인

No.	질환분야	개발단계	코드	제품명	성분명	적응증	물질	타겟	작용기전	단독/병용	파트너
1	Cardiovascular	Phase 3	COR-001		ziltivekimab	Cardiovascular disease	Antibody	IL-6	IL-6 inhibitor	Mono	Aeterna Zentaris
2	Cardiovascular	Phase 2	NN6434		oral PCSK9i	Cardiovascular disease	Peptide	Proprotein convertase subtilisin/Kexin type9 (PCSK9)	PCSK9 inhibitor	Mono	-
3	Cardiovascular	Phase 1	PRX004			Cardiovascular disease	Antibody	Transthyretin(TTR)	TTR inhibitor	Mono	Prothena
4	Hematology	Phase 3	mim8			Haemophilia	Antibody	Factor Ixa, Factor X	Bispecific antibody (Factor Ixa, Factor X)	Mono	-
5	Hematology	Phase 3	NN7415		concizumab	Haemophilia	Antibody	Tissue factor pathway	Tissue factor pathway inhibitor	Mono	-
6	Hematology	Phase 1		Eclipse	decitabine+tet rahydrouridine	Sickle cell disease	Gene Therapy	Cytidine deaminase (CDA); DNA methyltransferase 1(DNMT1)	CDA inhibitor; DNMT1 inhibitor	Combination	Epidestiny
7	Metabolic	Registration	NN8640	Sogroya	somapacitan	Growth disorder	Protein	Growth hormone receptor	Growth hormone receptor agonist	Mono	-
8	Metabolic	Registration			semaglutide 2.0mg	Diabetes	Peptide	GLP-1	GLP-1 agonist	Mono	-
9	Metabolic	Phase 3	AEZS-130	Macrilen	macimorelin	Growth disorder	Small molecules	Ghrelin receptor	Ghrelin receptor agonist	Mono	Aeterna Zentaris
10	Metabolic	Phase 3	DCR-PHXC		nedosiran	Primary hyperoxaluria	RNA	Lactate dehydrogenase A	ASO	Mono	-
11	Metabolic	Phase 3	NN1436		Insulin icodec	Diabetes	Protein	Insulin receptor	Insulin receptor agonist	Mono	-

No.	질환분야	개발단계	코드	제품명	성분명	적응증	물질	타겟	작용기전	단독/병용	파트너
12	Metabolic	Phase 3	NN8640	Sogroya	somapacitan	Growth disorder	Protein	Growth hormone receptor	Growth hormone receptor agonist	Mono	-
13	Metabolic	Phase 3	NN9924	Rybelsus	oral sema obesity	Obesity	Peptide	GLP-1	GLP-1 agonist	Mono	-
14	Metabolic	Phase 3	NN9924	Rybelsus	semaglutide	Non-alcoholic steatohepatitis (NASH)	Peptide	GLP-1	GLP-1 agonist	Mono	-
15	Metabolic	Phase 3			oral semaglutide 25mg, 50mg	Diabetes	Peptide	GLP-1	GLP-1 agonist	Mono	-
16	Metabolic	Phase 3			icosema(semaglutide+LAI287)	Diabetes	Peptide	GLP-1; Insuline receptor	GLP-1 agonist; Insulin receptor agonist	Combination	-
17	Metabolic	Phase 2	FDC sema-ow gip		semaglutide+GIP analogue	Diabetes	Peptide	GLP-1; GIP	GLP-1 agonist; GIP agonist	Combination	-
18	Metabolic	Phase 2	NN9499			Non-alcoholic steatohepatitis (NASH)	Protein	FGFR	FGFR agonist	Mono	-
19	Metabolic	Phase 2	NN9775			Obesity	Peptide	Peptide tyrosine-tyrosine(PYY)	N/A	Mono	-
20	Metabolic	Phase 2			cagrisema, semaglutide+cagrilintide	Diabetes, Type 2	Peptide	GLP-1; Receptor activity modifying protein (RAMP)	GLP-1 agonist; RAMP activator	Combination	-
21	Metabolic	Phase 2			belcesiran	Alpha-1 antitrypsin deficiency (AATD)	RNA	AAT	ASO	Mono	-
22	Metabolic	Phase 1	LA-GDF15			Obesity	Protein	Growth/differentiation factor 15(GDF15)	GDF15 activator	Mono	-
23	Metabolic	Phase 1	NN1471		ideal pump insulin	Diabetes, Type 1	Protein	Insulin receptor	Insulin receptor agonist	Mono	-

No.	질환분야	개발단계	코드	제품명	성분명	적응증	물질	타겟	작용기전	단독/병용	파트너
24	Metabolic	Phase 1	NN1845		glucose sensitive insulin	Diabetes	Protein	Insulin receptor	Insulin receptor agonist	Mono	-
25	Metabolic	Phase 1	NN1965		insulin 965	Diabetes	Protein	Insulin receptor	Insulin receptor agonist	Mono	-
26	Metabolic	Phase 1	NN9041			Diabetes	Gene Therapy	Insulin receptor	Immunotherapy	Mono	-
27	Metabolic	Phase 1			cagrisema, semaglutide +cagrilintide	Obesity	Peptide	GLP-1; Receptor activity modifying protein (RAMP)	GLP-1 agonist; RAMP activator	Combination	-
28	Neuroscience	Phase 3	NN9924	Rybelsus	semaglutide	Alzheimer's disease	Peptide	GLP-1	GLP-1 agonist	Mono	-
29	Neuroscience	Phase 1	DCR-AUD			Alcohol use disorder	RNA	Aldehyde dehydrogenase 2(ALDH2)	ASO	Mono	-

자료: Novo Nordisk 홈페이지, BioCentury, GlobalData