

# R&D Pipeline – Pharma & Vaccines

## Phase 1

## Phase 2

## Phase 3

## Registration

<b>SAR440340</b> <b>N</b> Anti-IL33 mAb Asthma & COPD	<b>SAR438335</b> <b>N</b> GLP-1R/GIPR dual agonist Type 2 diabetes	<b>dupilumab</b> <b>N</b> Anti-IL4R $\alpha$ mAb Eosinophilic oesophagitis	<b>efpeglenatide</b> <b>N</b> Long-acting GLP-1 receptor agonist Type 2 diabetes	<b>dupilumab</b> <b>N</b> Anti-IL4R $\alpha$ mAb Asthma, Nasal Polyposis	<b>Dupixent<sup>®</sup></b> <b>N</b> Anti-IL4R $\alpha$ mAb Atopic dermatitis, EU
<b>SAR439794</b> <b>N</b> TLR4 agonist Peanut allergy	<b>SAR341402</b> <b>N</b> Rapid acting insulin Diabetes	<b>SAR156597</b> <b>N</b> IL4/IL13 Bi-specific mAb IPF, Systemic Scleroderma	<b>SAR425899</b> <b>N</b> GLP-1R/GCGR dual agonist Type 2 diabetes	<b>isatuximab</b> <b>N</b> Anti-CD38 naked mAb Relapsed Refractory Multiple Myeloma	<b>SAR342434</b> <b>N</b> insulin lispro Type 1+2 diabetes
<b>GZ402668</b> <b>N</b> GLD52 (anti-CD52 mAb) Relapsing multiple sclerosis	<b>SAR440181<sup>(1)</sup></b> <b>N</b> DCM1 Myosin activation cardiovascular indication	<b>GZ389988</b> <b>N</b> TRKA antagonist Osteoarthritis	<b>SAR439152</b> <b>N</b> Myosin inhibitor Hypertrophic cardiomyopathy	<b>SAR439684</b> <b>N</b> PD-1 inhibitor 1 <sup>st</sup> line NSCLC	<b>Dengvaxia<sup>®(4)</sup></b> <b>N</b> Mild-to-severe dengue fever vaccine
<b>UshStat<sup>®</sup></b> <b>N</b> Myosin 7A gene therapy Usher syndrome 1B	<b>SAR247799</b> <b>N</b> S1P1 agonist cardiovascular indication	<b>SAR100842</b> <b>N</b> <b>R</b> LPA1 receptor antagonist Systemic sclerosis	<b>Combination ferroquine / OZ439</b> <b>N</b> Antimalarial	<b>patisiran</b> <b>N</b> siRNA inhibitor targeting TTR Hereditary ATTR amyloidosis	<b>PR5i</b> <b>N</b> DTP-HepB-Polio-Hib Pediatric hexav. vaccine, U.S
<b>SAR228810</b> <b>N</b> Anti-protofibrillar AB mAb Alzheimer's disease	<b>SAR407899</b> <b>N</b> rho kinase Microvascular angina	<b>sarilumab</b> <b>N</b> Anti-IL6R mAb Uveitis	<b>Rabies VRVg</b> <b>N</b> Purified vero rabies vaccine	<b>GZ402666</b> <b>N</b> neoGAA Pompe Disease	
<b>SAR408701</b> <b>N</b> Maytansin-loaded anti-CEACAM5 mAb Solid tumors	<b>Herpes Simplex Virus Type 2</b> <b>N</b> HSV-2 vaccine	<b>SAR422459</b> <b>N</b> ABCA4 gene therapy Stargardt disease	<b>Tuberculosis</b> <b>N</b> Recombinant subunit vaccine	<b>fitusiran</b> <b>N</b> siRNA targeting Anti-Thrombin Hemophilia	
<b>SAR428926</b> <b>N</b> Maytansin-loaded anti-Lamp1 mAb Cancer	<b>Zika</b> <b>N</b> Inactivated Zika vaccine	<b>R</b> <b>SAR439684</b> <b>N</b> PD-1 inhibitor Advanced CSCC (Skin cancer)	<b>Fluzone<sup>®</sup> QIV HD</b> <b>N</b> Quadrivalent inactivated influenza vaccine - High dose	<b>sotagliflozin</b> <b>N</b> Oral SGLT-1&2 inhibitor Type 1 & Type 2 diabetes	<b>N</b> New Molecular Entity <b>R</b> Registration Study
<b>SAR439459</b> <b>N</b> TGF $\beta$ inhibition mAb Metastatic melanoma	<b>Respiratory syncytial virus</b> <b>N</b> Infants	<b>SAR439684</b> <b>N</b> PD-1 inhibitor Advanced BCC	<b>Adacel+</b> <b>N</b> Tdap booster	<b>Clostridium difficile</b> <b>N</b> Toxoid vaccine	<b>N</b> New Molecular Entity <b>R</b> Registration Study Immuno-inflammation MS, Neuro, Ophthalmology Oncology Rare Disease Diabetes Solutions Cardiovascular & metabolism Infectious Diseases Vaccines
		<b>isatuximab</b> <b>N</b> Anti-CD38 naked mAb Acute Lymphoblastic Leukemia	<b>Shan 6</b> <b>N</b> DTP-HepB-Polio-Hib Pediatric hexavalent vaccine	<b>VaxiGrip<sup>®</sup> QIV IM</b> <b>N</b> Quadrivalent inactivated influenza vaccine (6-35 months)	
		<b>SAR566658</b> <b>N</b> Maytansin-loaded anti-CA6 mAb Solid tumors	<b>HIV</b> <b>N</b> Viral vector prime & rgp120 boost vaccine	<b>Pediatric pentavalent vaccine</b> <b>N</b> DTP-Polio-Hib Japan	
		<b>R</b> <b>olipudase alfa</b> <b>N</b> rhASM Deficiency Acid Sphingomyelinase Deficiency <sup>(2)</sup>	<b>SP0232<sup>(3)</sup></b> <b>N</b> Respiratory syncytial virus Monoclonal antibody	<b>Men Quad TT</b> <b>N</b> 2 <sup>nd</sup> generation meningococcal ACYW conjugate vaccine	
		<b>venlustat</b> <b>N</b> Oral GCS inhibitor Gaucher related Parkinson's Disease, Gaucher Disease Type 3, Fabry Disease			

(1) Also known as MYK491

(2) Also known as Niemann Pick type B

(3) Also known as MEDI8897

(4) Approved in 18 countries to date