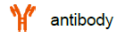


# R&D Pipeline



antibody



protein



small molecule

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Updated since Dec. 31, 2021



Updated since Sep. 30,

## Nephrology

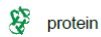
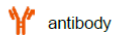
As of December 31, 2022

Code Name Generic Name Formulation	Mechanism of Action	Indication	Area	Stage					[In-House or Licensed] Remarks
				Ph I	Ph II	Ph III	Filed	Approved	
KHK7580 Evocalcet Oral	Calcimimetic	Secondary Hyperparathyroidism	CN TW	→					[Mitsubishi Tanabe Pharma] product name in Japan: Orkedia
			KR	→					
©RTA 402 Bardoxolone Methyl Oral	Antioxidant Inflammation Modulator	Alport Syndrome	JP	→					[Reata]
		Diabetic Kidney Disease	JP	→					
		Autosomal Dominant Polycystic Kidney Disease	JP	→					
KW-3357 Antithrombin Gamma Injection	Recombinant Human Antithrombin	Preeclampsia	JP	→					[In-House] product name in Japan: Acoalan
KHK7791 Tenapanor Hydrochloride Oral	NHE3 Inhibitor	Hyperphosphatemia in Patients on Dialysis	JP	→					[Ardelyx]

## Oncology

Code Name Generic Name Formulation	Mechanism of Action	Indication	Area	Stage					[In-House or Licensed] Remarks
				Ph I	Ph II	Ph III	Filed	Approved	
KW-0761 Mogamulizumab Injection	Anti-CCR4 Humanized Antibody	Mycosis Fungoides and Sézary Syndrome	CA KR AE	→					[In-House] POTELLIGENT® product name in Japan, U.S. and Europe: Poteligeo
			CN	→					
			IL	→					
			RS	→					
			KW	→					
KRN125 Pegfilgrastim Injection	Long-Acting Granulocyte Colony-Stimulating Factor	Mobilization of Hematopoietic Stem Cells into Peripheral Blood for Allogeneic Blood Stem Cell Transplantation	JP	→					[Amgen K-A] product name in Japan: G-Lasta
		Mobilization of Hematopoietic Stem Cells into Peripheral Blood for Autologous Blood Stem Cell Transplantation	JP	→					
		Automated Injection Device for Decreasing the Incidence of Febrile Neutropenia in Patients Receiving Cancer Chemotherapy	JP	→					
©ME-401 Zandelisib Oral	PI3Kδ Inhibitor	Indolent B-cell Non-Hodgkin's Lymphoma	JP	→					[MEI Pharma] Third line +

## R&D Pipeline



small molecule

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➔ Updated since Dec. 31, 2021



Updated since Sep. 30,

### Immunology/Allergy

Code Name Generic Name Formulation	Mechanism of Action	Indication	Area	Stage					[In-House or Licensed] Remarks
				Ph I	Ph II	Ph III	Filed	Approved	
KHK4827 Brodalumab Injection	Anti-IL-17 Receptor A Fully Human Antibody	Ankylosing Spondylitis	TW MY	➔					[Amgen K-A] product name in Japan: Lumicef
		Ankylosing Spondylitis	TH	➔					
		Non-radiographic Axial Spondyloarthritis	TH	➔					
		Systemic Sclerosis	JP	➔					
		Palmoplantar Pustulosis	JP	➔					
©KHK4083/AMG 451 Rocatinimab Injection	Anti-OX40 Fully Human Antibody	Atopic Dermatitis	JP NA Europe	➔				[In-House] POTELLIGENT® Human Antibody-Producing Technology Collaboration agreement with Amgen for the development of KHK4083/AMG 451 in all the countries except for Japan.	
©KK4277 Injection		Autoimmune Disease	JP	➔				[SBI Biotech]	

### Central Nervous System

Code Name Generic Name Formulation	Mechanism of Action	Indication	Area	Stage					[In-House or Licensed] Remarks
				Ph I	Ph II	Ph III	Filed	Approved	
©KHK6640 Injection	Anti-Amyloid Beta Peptide Antibody	Alzheimer's Disease	JP Europe	➔					[Immunas Pharma]

### Other

Code Name Generic Name Formulation	Mechanism of Action	Indication	Area	Stage					[In-House or Licensed] Remarks
				Ph I	Ph II	Ph III	Filed	Approved	
KRN23 Burosumab Injection	Anti-FGF23 Fully Human Antibody	X-linked Hypophosphatemia (XLH)	TH	➔					[In-House] Human Antibody-Producing Technology Jointly Developed with Ultragenyx in US and EU product name in Japan, U.S. and Europe: Crysvita
		Tumor Induced Osteomalacia (TIO)	Europe	➔					
AMG531 Romiplostim Injection	Thrombopoietin Receptor Agonist	Treatment of Adult Patients with Chronic Immune Thrombocytopenia (ITP) Who Do Not Respond Well to Other Treatments, Such as Corticosteroids and Immunoglobulin	CN	➔					[Amgen K-A] product name in Japan: Romiplate
		Treatment of Aplastic Anemia (AA) Which Is Refractory to Immunosuppressive Therapy or AA not Amenable to Immunosuppressive Therapy	SG	➔					
			TH MY	➔					
		Aplastic Anemia Who Were Previously Untreated with Immunosuppressive Therapy	JP	➔					
KW-3357 Antithrombin Gamma Injection	Recombinant Human Antithrombin	Disseminated Intravascular Coagulation, Congenital Antithrombin Deficiency	Europe	➔				[In-House] product name in Japan: Acoalan	
KHK4951 Tivozanib Ophthalmic		Neovascular (wet) Age-Related Macular Degeneration	JP	➔				[In-House]	