



Making Our World Healthier Together

• DAEWOONG PHARMACEUTICAL CO.,LTD.

Pharmaceutical

Chemical

Biologics

Finished Dosages

Active Pharmaceutical Ingredient

Out Licensing

Open Collaboration

Business Overview

General Overview

Daewoong Pharmaceutical has established the most extensive infrastructure in various countries among Republic of Korean pharmaceutical companies, conducting research, development, and production of globally competitive pharmaceuticals. Having achieved the success of new drug development for two consecutive years, we lead the domestic and international pharmaceutical industries, fulfilling our management philosophy of patriotism through medicine.

We have tablet pharmaceutical manufacturing facilities meeting KGMP standards in the Hyangnam Industrial Complex in Hwaseong, Gyeonggi-do, and the Osong Plant in Chungcheongbuk-do. Additionally, we possess state-of-the-art facilities, including the latest specialized cell therapy cGMP facilities, advanced biopharmaceutical manufacturing licenses, human cell management licenses, and cell processing facility licenses, enabling the production of products incorporating advanced medical technologies.

Company Name	Daewoong Co.,Ltd	Daewoong Pharmaceutical Co., Ltd
CEO	Jae-chun Yoon	Chang-jae Lee, Sung-soo Park
Establishment Date	August 15, 1945	October 02, 2002
Headquarters	244, Galmachi-ro, Jungwon-gu, Seongnam, Gyeonggi-do, Republic of Korea	Headquarters 12, Bongeunsa-ro 114-gil, Gangnam-gu, Seoul, Republic of Korea Factories 35-14, Jeyakgongdan 4-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea 1, Osongsaengmyeong 2-ro, Osong-eup, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Republic of Korea Research Center 72, Dugye-ro, Pogok-eup, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Business Portfolio	Investment Business and Management Services as a Holding Company	Production and Sales of Pharmaceuticals



Global Healthcare Group Daewoong

Daewoong Pharmaceutical takes the lead in advancing human health beyond Republic of Korea.



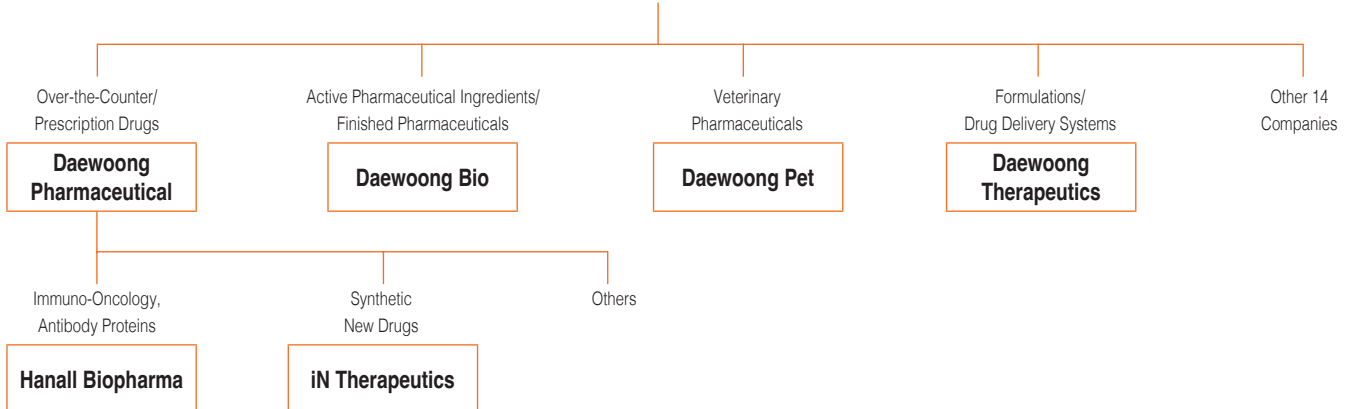
Daewoong Pharmaceutical was founded in 1945 with the belief of "patriotism through medicine," which means "making good medicine to protect the health of the people and create a healthy society."



With the success of new drug development for two consecutive years, we have proven our R&D capabilities and lead the development of the pharmaceutical industry domestically and internationally as a leader in the healthcare industry.



By achieving KRW 1 trillion in global sales of self-developed new drugs, we strengthen our global status and aim to become a global big pharma that contributes to a healthy and happy life for humanity through the development of future innovative new drugs and the provision of total healthcare solutions.



Company History

The Footprint of Daewoong Pharmaceutical

Establishment

- 1945** Founded Joseon Ganyu Pharmaceutical Company
- 1961** Changed company name to Daehan Vitamin Industries and launched Ursa
- 1978** Changed company name to Daewoong Pharmaceutical Co., Ltd.



1980 ~

- 1980** Exceeded KRW 10 billion in sales
- 1982** Established Daewoong Lilly Pharmaceutical Co., Ltd.
- 1986** Ursa designated as an official supplier for the Asian Games and 1988 Seoul Olympics
- 1987** Received 2 Million Dollar Export Tower Presidential Award
- 1992** Completed the 2nd KGMP plant in Hyangnam
- 1994** Exceeded KRW 100 billion in sales



2000 ~

- 2001** Launched Easyef (EGF), South Korea's first biotechnology new drug
- 2002** Division of Daewoong Co., Ltd. and Daewoong Pharmaceutical
- 2003** Daewoong Pharmaceutical's Hyangnam Plant obtains ISO 14001 certification
- 2009** Opens Pharmaceutical R&D Center in India



2010 ~

- 2010** Ursa selected as a world-class product
- 2012** Established a joint venture "Daewoong Infion (PT. DAEWOONG INFION)" in Indonesia
- 2014** Domestic release of botulinum toxin preparation "NABOTA" selected as a world-class product
- 2018** · Acquisition of ISO 37001 Anti-bribery Management System
· Obtained US cGMP approval for the NABOTA plant
- 2019** · Botulinum toxin developed by the company obtained Asia's first USFDA approval
· Bersiporocin (DWN12088) has been granted Orphan Drug Designation in the US by FDA for the treatment of idiopathic pulmonary fibrosis (IPF), a new drug candidate for idiopathic pulmonary fibrosis, designated as an orphan drug by USFDA
· Daewoong Pharmaceutical's separate sales exceeded KRW 1 trillion for the first time in its history

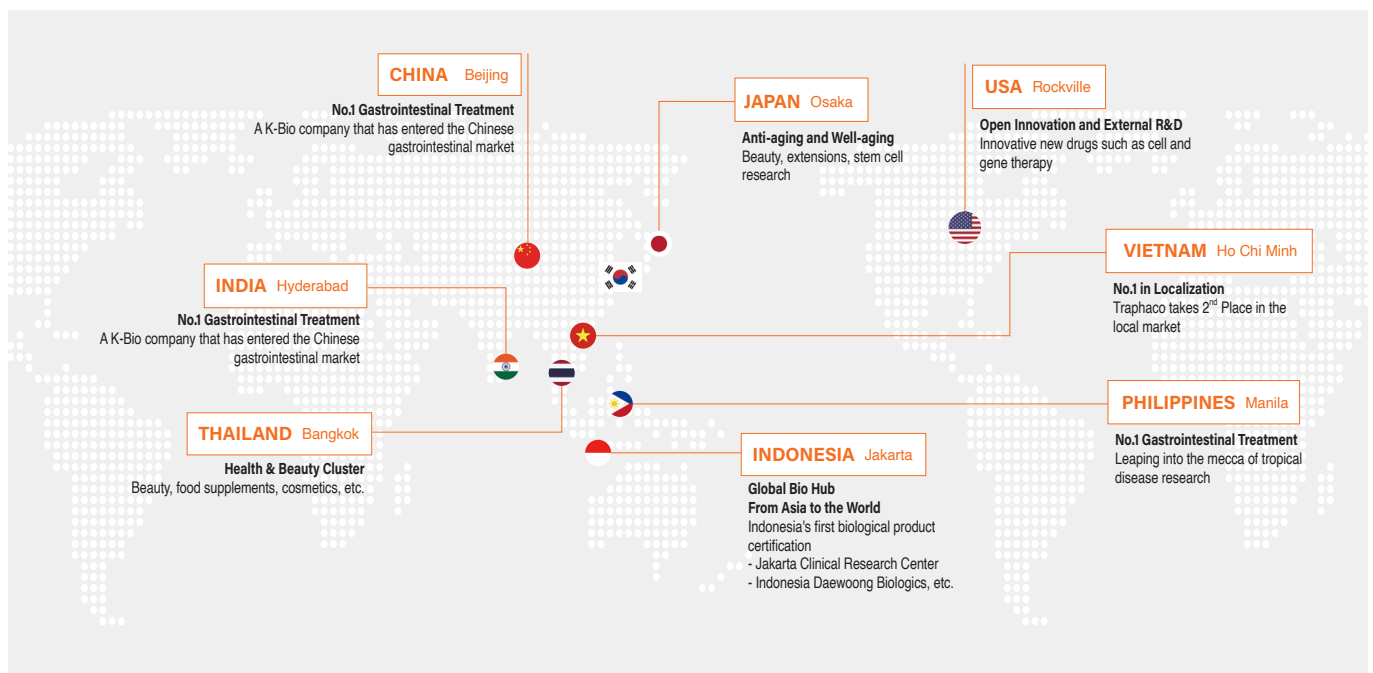
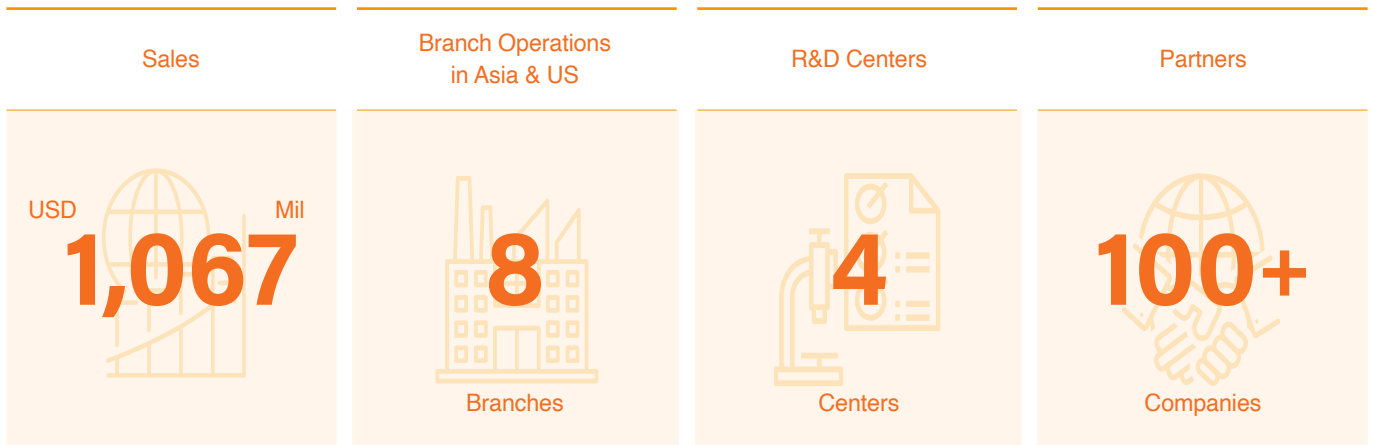


2020 to Present

- 2020** Enavoglifozin has been granted Fast Track Designation in Korea by MFDS for the treatment of Diabetes was designated for expedited review for the first time in Korea and conducted a Phase 3 clinical trial
- 2021** · Acquired domestic sales approval of Fexuclue for gastroesophageal reflux disease, as the 34th developed new drug in Korea
· Ranked 10th Asia's Best Workplaces by GPTW
- 2022** · Launched "Fexuclue," a drug for gastroesophageal reflux disease
· The New drug "Fexuclue" won the Grand Prize at the Korea New Drug Development Awards
· "Envlo" the 36th new diabetes treatment drug, approved for sale in Korea
- 2023** · Launched a new drug 'Envlo Tab' the first made-in-Korea SGLT-2 inhibitor for diabetes treatment in Korea
· Acquired product approval in Chile, Ecuador for gastroesophageal reflux disease drug Fexuclue
- 2024** · Acquired product approval in Mexico for gastroesophageal reflux disease drug Fexuclue

Global Network

In order to leap forward as an Asian bio hub strategically based in the 8 countries where its overseas branches are located, Daewoong Pharmaceutical is bolstering local viability by laying the groundwork for operating overseas subsidiaries, R&D centers, and branches, and is developing various collaboration infrastructures such as research, development, manufacturing, and sales. By localizing the value chain through overseas M&A, expanding global marketing, and expanding major markets in the U.S. and EU, the company is striving to achieve strategic growth and the expansion of its global base.



Pan-Global Specialized Manufacturing Capabilities

Korea

Daewoong Pharmaceutical has a number of strategically located manufacturing sites, each of which specializes in various production lines such as depot, liquid suspension, biologics, and etc.

Osong Plant Chungcheongbuk-do, South Korea



- 01. Highly automated mass production facility
- 02. Qualified injection manufacturing facility
 - Depot injection & ampoule, vial, drip infusion kit
 - First in Korea to be equipped with Dual Chamber Syringe (DCS) charging line
- 03. Capacity: Dual Chamber Syringe (0.35M), Prefilled Syringe (0.25M), Tablet (2B)

Area: 40,892 m² (440,158 ft²)

Manufacturing Products: Oral Solid, Depot Injection, Vial, Ampoule

Hyangnam Plant Hyangnam, South Korea



- 01. Main manufacturing site for oral solids, suspensions, injectables and biologics
- 02. Produces Korea's first new biomedicine 'EGF'(Epidermal Growth Factor)
- 03. Supports clinical trial(phase 1-3) batch sizes and clinical scale-up manufacturing
- 04. Capacity: Tablet (1B), Prefilled Syringe (1M)

Area: 31,735 m² (341,598 ft²)

Manufacturing Products: Oral Solid, Microbial Product, Cell cultured Product

Seongnam Plant Seongnam, South Korea



- 01. Top cephalosporin CMO facility
- 02. RABS (Restricted-access barrier system) ensures sterility and validated aseptic-quality products
- 03. Capacity: Powder Injection Filling Line (24M Vial), Tablet (100M), Capsule (100M)

Area: 7,535 m² (81,106 ft²)

Manufacturing Products: Cephalosporin Injection, Tablet, Capsule



Anseong Daewoong-Bio Plant Anseong, South Korea

Area
8,180 m² (88,048 ft²)

Manufacturing Products
Oral Solid



Daejeon Plant (HANALL BIOPHARMA) Daejeon, South Korea

Area
9,011 m² (96,993 ft²)

Manufacturing Products
A/A infusion, Oral Solid

Global

Maximizing our accumulated know-how, we have acquired or built plants in strategic geographical locations to better address the needs of local markets.

| Surabaya Plant Surabaya, Indonesia



- 01. Dedicated to Biological products (EPO, EGF, Somatropin)
- 02. Independent production lines preventing cross-contamination
- 03. HALAL certified process management from drug substance to finished products
- 04. Capacity: Prefilled Syringe (4M)

Area: 2,484 m² (26,737 ft²)

Manufacturing Products: Biopharmaceutical Products (EPO, EGF, hGH, BMP)

| Liaoning Plant Liaoning, China



- 01. Closed system throughout the production process
- 02. BIN System based transfer and handling
- 03. Unmanned ingredient transfer using line and pump
- 04. Capacity: Oral Liquid (200M pouch, 30M bottle)

Area: 9,586 m² (103,182 ft²)

Manufacturing Products: Liquid for oral administration

| Sichuan Plant Sichuan, China



- 01. Top gall bladder-related production technology
- 02. UDCA intermediate production
- 03. API & CDCA (Chenodeoxycholic acid)

Area: 10,000 m² (107,639 ft²)

Manufacturing Products: Chenodeoxycholic acid, crude Cholic acid

| Total Capacity per Year

Type	Quantity	Type	Quantity	Type	Quantity
Tablet	6.7 Billion	Bottle	102 Million	Bag	0.5 Million
Capsule	205 Million	Pouch	130 Million	Ampoule	0.1 Billion
Vial	70 Million	Syringe	5.6 Million	Kit	7 Million

Global R&D Centers

Daewoong's R&D Centers strive to develop innovative drugs through the utilization of internal resources and open collaboration on ideas and technologies from external resources



Daewoong Bio Center Yongin, South Korea, Oct. 2016

01. Recombinant products including therapeutic antibodies
 - Bio-betters using long-acting technology, Growth factors
02. Stem cell research for enhancement of efficacy
 - Innovative stem cell line establishment
 - Discovery of new indications



Jakarta Research Center Indonesia, Dec 2016

01. Development of biotechnology-driven products
 - EPO, EGF, hGH
 - Extensions of indication through clinical studies
02. Focus on reverse innovation and open collaboration (ex. Univ. of Indonesia)



Life Science Research Institute Yongin, South Korea

01. New Chemical Entity (NCE)
 - Therapeutic areas: Autoimmune diseases, Metabolic diseases
 - In-vitro/in-vivo evaluation for autoimmune drugs
02. Incrementally Modified Drugs
 - Sustained-release technologies including Depot
 - Differentiated fixed-dose combination technology



Liaoning Research Center China, Oct 2014

01. Development of generics for China market entry
02. Formulation R&D
 - New oral solutions, Suspension products, Sustained-release drugs
03. Academic collaboration (ex. Shenyang Pharmaceutical Univ.)



Hyderabad Research Center India, Jan 2009

01. Development of first generics
02. Development of global generics for EU/US market entry
 - Sustained-release drugs, Formulation change

Research & Development

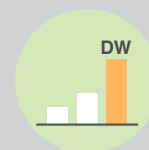
Strategic Approach to R&D

Daewoong's R&D Strategy is to focus and invest resources to develop First-in-Class or Best-in-Class therapies to better serve unmet medical needs.



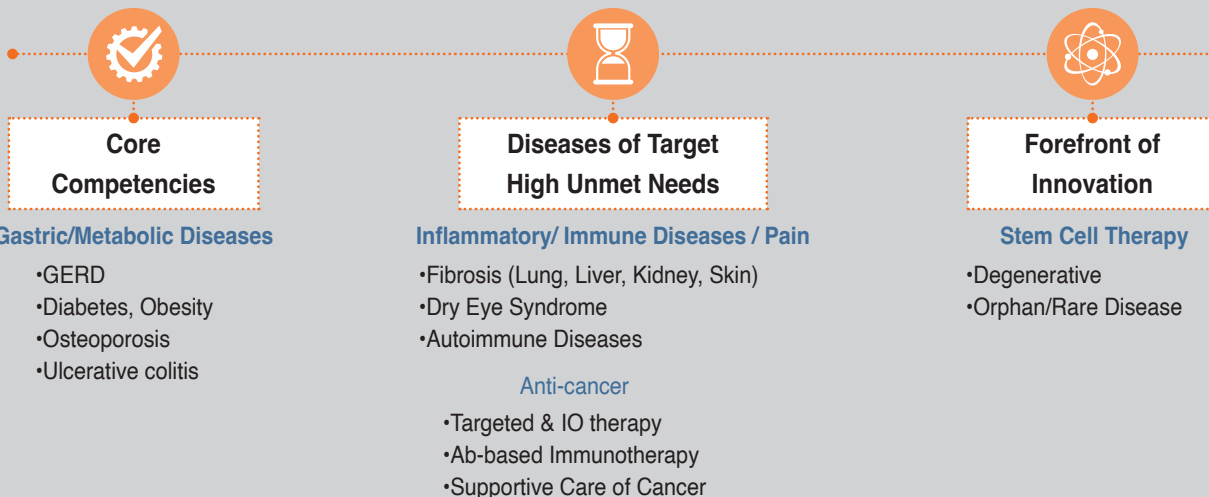
First-in-Class

Clinical Efficacy



Best-in-Class

Areas of Focus



New Chemical Entity

Project	MoA	Best in Class First in Class	Indication	Status					
				R	Pre	P1	P2	P3	NDA
Fexuclue	P-CAB	BIC	Treatment of EE*, Gastritis,Risk reduction of NSAIDs associated ulcer	[Progress bar]					
		BIC	H. Pylori, NERD	[Progress bar]					
Envlo	SGLT2 inhibitor	BIC	Type 2 diabetes	[Progress bar]					
Bersiporocin (DWN12088)	PRS Inhibitor	FIC	Idiopathic Pulmonary Fibrosis (IPF)	[Progress bar]					
Aneratrigine (DWP17061)	Nav1.7 blocker	FIC	Post Herpetic Pain(PHN), Trigeminal Neuralgia(TN), Osteoarthritis pain(OA)	[Progress bar]					
DWP213388	BTK/ITK inhibitor	FIC	Autoimmune disease (SLE, RA)	[Progress bar]					
DWP212525	JAK3/TFK inhibitor	BIC	Autoimmune diseases (RA)	[Progress bar]					
DWJ1520	sodium channel blocker	FIC	long acting ropivacaine	[Progress bar]					
DWJ807S057	serotonin-dopamine activity modulator	FIC	long-acting brexpiprazole	[Progress bar]					
DWJ807S059	partial Dopamine agonist	FIC	long acting caripraizine	[Progress bar]					

*EE: Erosive Esophagitis

Biologics

DWP457	Long acting insulin	Diabetes	[Progress bar]
DWP458	Undisclosed Protein	Osteoporosis	[Progress bar]
DWP817S004	Undisclosed Protein	Sarcopenia	[Progress bar]
DWP820	Stem Cell	Severe Acute Pancreatitis (SAP), Idiopathic Pulmonary Fibrosis (IPF)	[Progress bar]
DWP820S	Stem Cell	Retinitis Pigmentosa (RP)	[Progress bar]

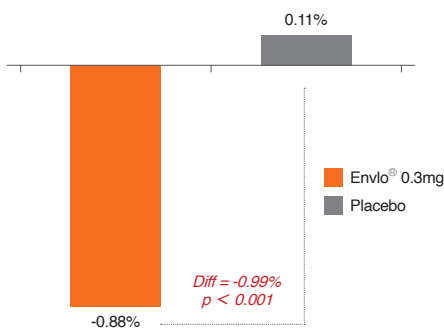
Envlo®

MOA: Sodium Glucose Co-Transporter 2 (SGLT2) Inhibitor

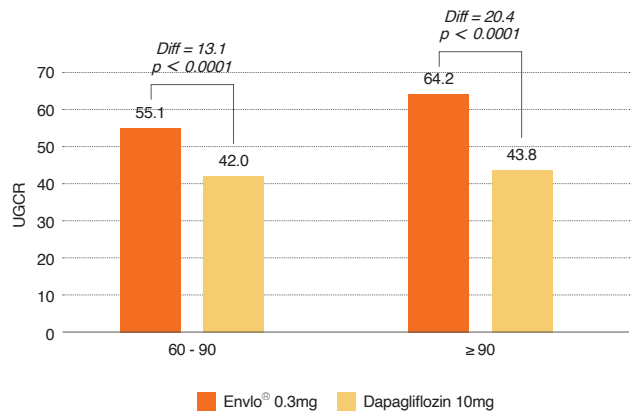
Indication: Type 2 diabetes (T2DM), Obesity, Albuminuria and other conditions

- From the phase 3 study in T2DM patients, Envlo showed clinically significant hemoglobin A1c reduction at week 24
- In T2DM patients with mild reduced kidney function, Envlo demonstrated significantly greater hemoglobin A1c reduction at week 6, 12, 18, and 24 compared to Dapagliflozin
- DPP-4 inhibitor combination drug is under development

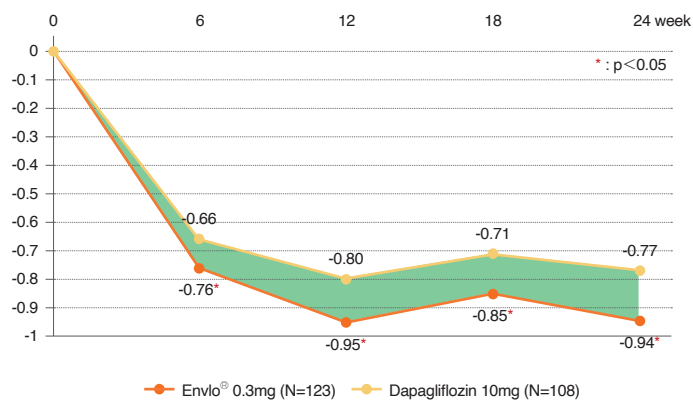
Phase III Results in Korea (T2DM)



LS mean change from baseline in HbA1c (%) at week 24 for Envlo monotherapy



Changes in UGCR by eGFR level at baseline



LS mean change from baseline in HbA1c in patients with mild reduced kidney function

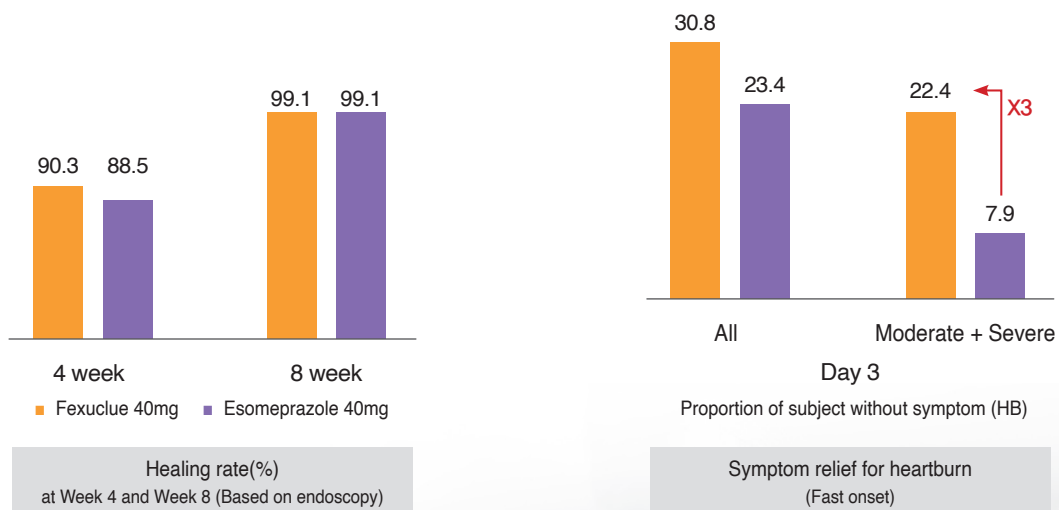
Fexuclue®

MOA: Potassium-Competitive Acid Blocker (P-CAB)

Indication: Erosive Esophagitis (EE), risk reduction of NSAIDs associated ulcer, H.pylori eradication, Non-Erosive Reflux Disease(NERD), etc.

- Approved in Korea for the treatment of erosive gastroesophageal reflux disease (40 mg), and the improvement of gastric mucosal lesions in acute gastritis and chronic gastritis (10 mg)
- From the phase 3 study in Erosive Esophagitis patients, Fexuclue was efficacious and safe up to 8 weeks.
- At week 4 and 8, Fexuclue 40mg was proven to be non-inferior to Esomeprazole 40 mg as the healing rate was 99% at week 8
- Compared to Esomeprazole, Fexuclue showed greater symptom relief in heartburn during 3 days of treatment (Fast onset)
Enhanced atypical symptom relief (cough) during 3 and 7 days of treatment
- From the IIT(investigator initiated trial), Fexuclue demonstrated equal effectiveness regardless of food intake
- Indications for H.pylori eradication and NERD are in the development plan
- Risk reduction of NSAIDs associated ulcer

Phase III Results in Korea (EE)



Healing rate(%)
at Week 4 and Week 8 (Based on endoscopy)

Symptom relief for heartburn
(Fast onset)



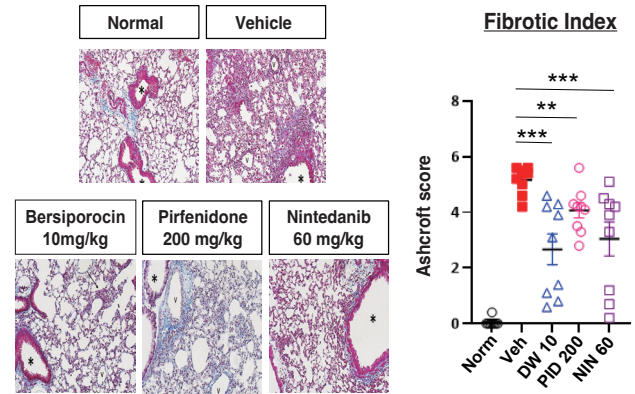
Bersiporocin (DWN12088)

PRS

Indication: First-in-Class Oral Anti-Fibrotic Agent

- Selective PRS (prolyl-tRNA synthetase) Small Molecule Inhibitor
- Phase II for Idiopathic Pulmonary Fibrosis
- FDA Fast Track Designation Granted
- FDA Orphan Drug Designation Granted
- EMA Orphan Drug Designation Granted

Bersiporocin (DWN12088) in IPF Animal Model



Bersiporocin (DWN12088) reduces fibrosis in the IPF lung

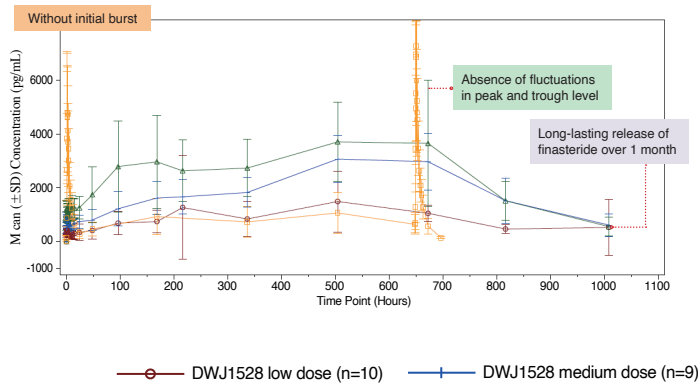
DWJ1528 (IVL3001)

MOA: Finasteride Depot Injection (FNS LAI), 5 α -reductase inhibitor

Indication : Androgenic alopecia

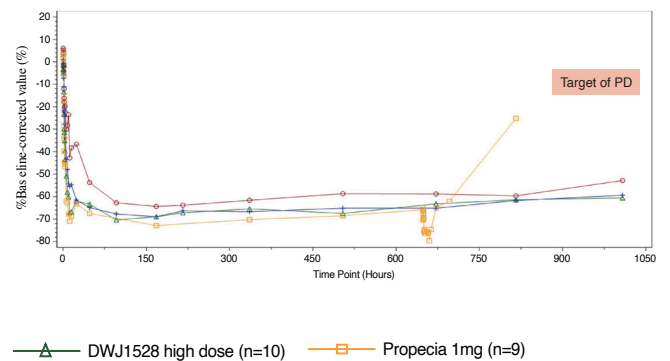
- DWJ1528 is developed by IVL and Daewoong is aiming to ease the inconvenience by 1M / 3M depot injection while minimizing side effects of API exposure.
- DWJ1528 was shown to be safe and well tolerated in Australia Phase I trial.
- DWJ1528 demonstrated consistent FNS plasma concentration, without initial burst, compared to Propecia and reduced DHT level without interfering Testosterone level.
- Phase III IND submission in Korea (2Q, 2024), MA approval in Korea (2027)

Phase I Clinical Study : Results (1) Pharmacokinetics



Mean (\pm SD) Plasma Concentration vs. Time
- PK Concentration population (Linear Scale)

Phase I Clinical Study : Results (2) Pharmacodynamics



Baseline Corrected Dihydrotestosterone Median
Pharmacodynamic Measurements by Treatment (Linear Scale)

iN1011-N17(DWP17061, Aneratrigine)

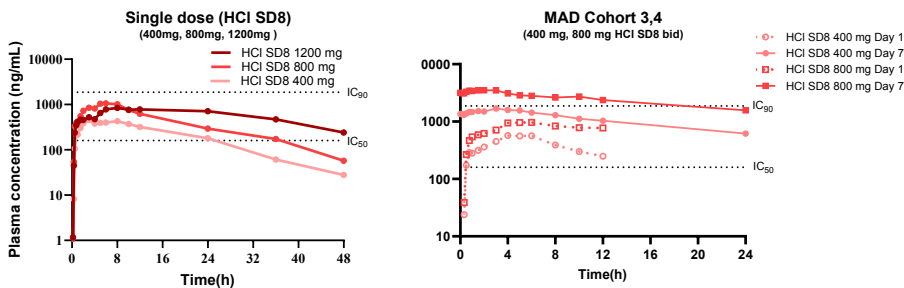
MoA: Voltage-gated Sodium Channel 1.7 (Nav1.7) Inhibitor

Expected Indication: a. Post-Herpetic Neuralgia(PHN) b. Trigeminal Neuralgia c. Osteoarthritis Pain, etc.

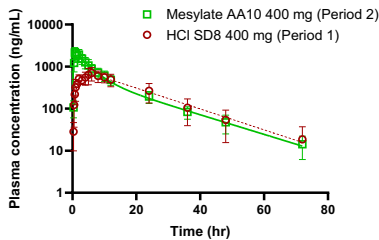
Stage: Clinical Phase II (24.3Q~)

- Our leading pipeline iN1011-N17 (Aneratrigine) achieved an enhanced profile in five key aspects compared to pre-developed drugs, including 1) higher free drug levels and 2) excellent distribution to the dorsal root ganglion in rodent species & human, a crucial tissue for pain transmission. It also 3) demonstrated a strong in vitro-in vivo correlation using the VITVO, iN Therapeutics innovative proprietary electrophysiological evaluation platform. Clinical trials (ph1) 4) indicated Nav1.7 engaged sensory AE without any SAE, 5) suggesting a broad therapeutic index.
- We successfully developed a new salt-capsule formulation that enhanced clinical exposure, sufficiently covering the predicted clinically effective exposure. A simulation based on phase 2 clinical data of a pre-development drug predicted excellent analgesic efficacy for iN1011-N17. This program will enter clinical phase II in 24.3Q

[PK profile in Phase 1 trial]



Relative Bioavailability PK profile (400 mg) HCl SD8 Nano capsule / New salt capsule



Parameters (unit)	HCl (SD8 Nano capsule)	New salt (capsule formulation)
C _{max} (ng/mL)	748 ± 209	2,530 ± 459
AUC _{inf} (ng·hr/mL)	14,900 ± 5,580	19,300 ± 3,820
AUC ₀₋₁₂ (ng·hr/mL)	6,290 ± 1,640	12,200 ± 1,860
T _{1/2} (hr)	12.9 ± 2.43	13.4 ± 2.35
T _{max} (hr)	6.10 ± 3.78	1.06 ± 0.625

Estimated Target Plasma Exposure from PK/PD simulation(in human)

	IC50 or ED50	IC90 or ED90
1 In vitro (mouse/human) value	18 nM/46 nM	
2 Ex vivo (mouse/human DRG) value	54 nM/71 nM	1,110 nM/829 nM
3 In vivo pain DRG AP recording	14.0 nM (6 ~ 8 mg/kg)	55.3 nM (16 ~ 24 mg/kg)
4 In vivo Pain behavior test	12 mg/kg	27 mg/kg
5 PK/PD calculations	$IC50_p = \frac{IC50_i}{f_{ip} \cdot k_{p,im}}$	$IC90_p = \frac{IC90_i}{f_{ip} \cdot k_{p,im}}$
6 Target total plasma concentrations estimated for human	74.2 ~ 31.6 ng/mL (in vivo mouse DRG AP recording) 160 ~ 376 ng/mL (ex vivo human DRG)	125 ~ 293 ng/mL (in vivo mouse DRG AP recording) 1,870 ~ 4,400 ng/mL (ex vivo human DRG)
7 Corresponding dose that can achieve #6 in human exposure (iN1011-N17, New salt)	<100 mg QD (SAD) <50 mg BID (MAD)	400 mg QD (SAD) ≒ 200 mg BID (MAD)

PK/PD Modeling for iN1011-N17 in the Neuropathic pain, Diabetic peripheral neuropathy

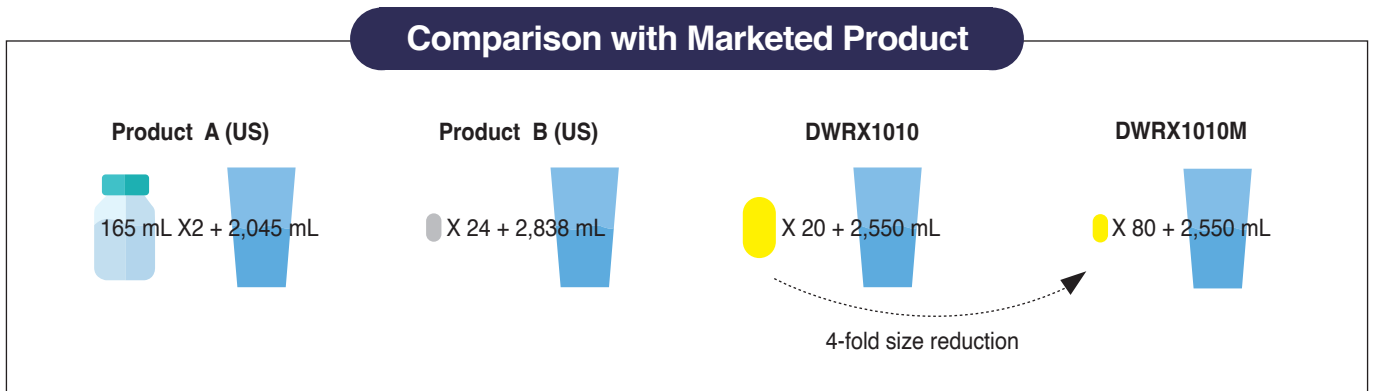
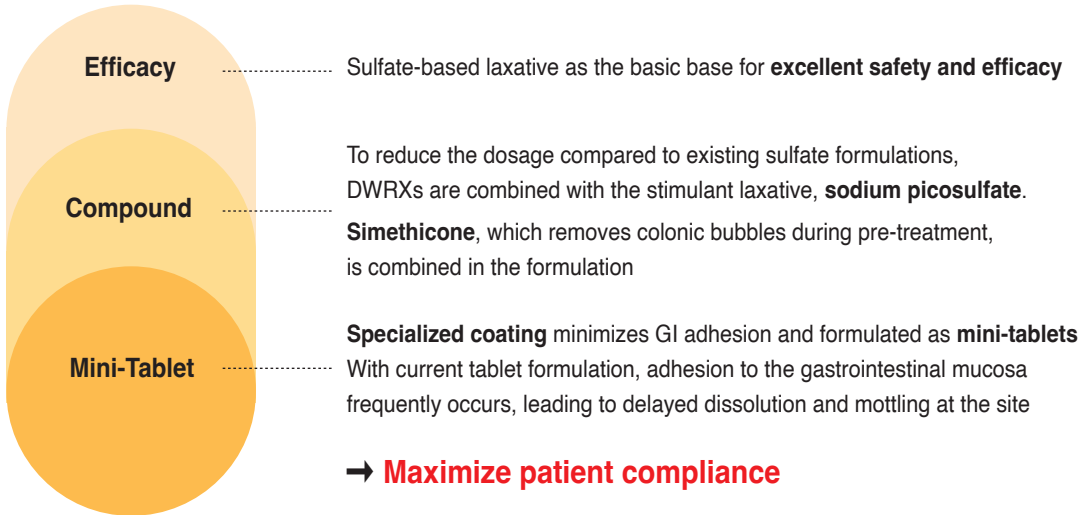
Compound	Subtype	In vitro IC ₅₀ (ng/mL)	In vivo IC ₅₀ (ng/mL)	IVIVC scaling factor		Avg Pain score	Avg DSIS
PF-05089771	hNav1.7	5.5	27.5~38.3	5.00~6.96	→	Baseline: 6.38Placebo:	Baseline: 5.09Placebo:
iN1011-N17	hNav1.7	22.4	112~156	5.00~6.96		5.66PF-771: 5.23 iN1011-N17: 4.20	4.43PF-771: 3.94iN1011-N17: 3.05

The iN1011-N17 (400 mg bid) is expected to be more effective than PF-05089771 (150 mg bid) for treatment of diabetic peripheral neuropathy in man, with a clinically significant level of pain score reduction (i.e., < 2.0)

Sources: [Clin Pharmacokinet. 2016; doi: 10.1007/s40262-015-0365-0][Pain. 2018; doi: 10.1097/j.pain.0000000000001227]

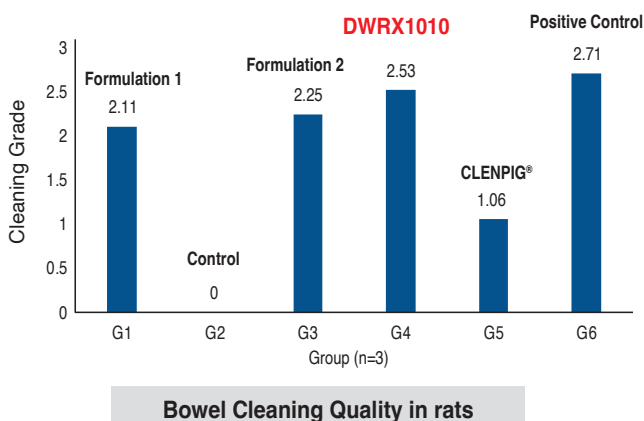
Indication: Colonoscopy Bowel Preparation

- A new formulation for higher patient compliance
- Comparable cleansing ability with a less dosage compared to the reference product
- Non-clinical trial completed and patent application filed (KR/US/CA/AU)
- Top-line results from Phase 3 clinical trial (Korea)
 - Demonstrated non-inferiority compared to the active control group and confirmed reduction in side effects
- Expected to be able to enter directly into P3CT based on competitor drug precedents



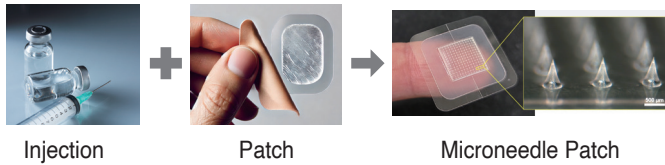
Efficacy study in rats

Non-clinical data demonstrates that DWRXs have sufficient cleansing ability with a solid dosage of 66.7% compared to SUTAB tablet.

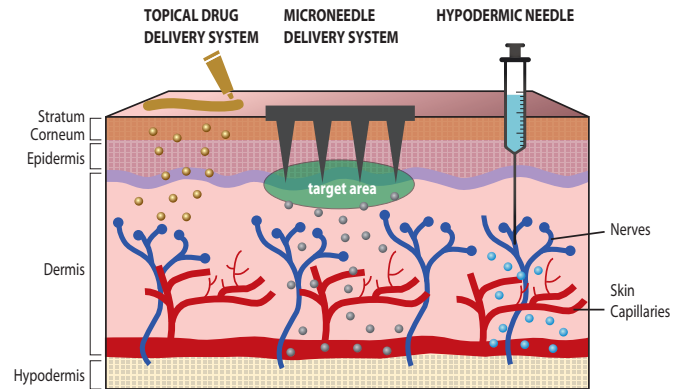


Dissolving Microneedle Array Patch Platform Technology

Microneedle, the most evolved form of transdermal drug delivery, utilizes micro-sized (usually under 1 mm) needles to deliver drugs.

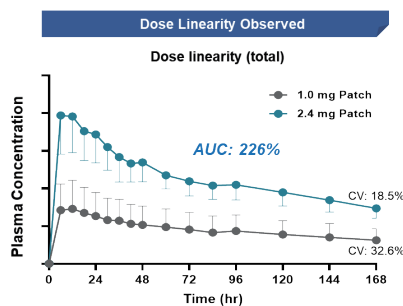
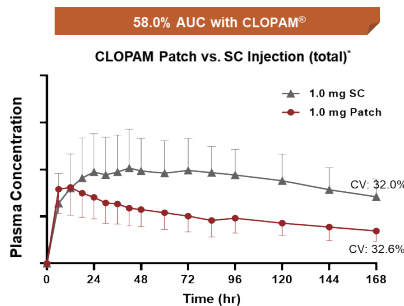


- Microneedles bypass the stratum corneum and target the epidermis and upper dermis.
- It enables efficient delivery of payloads, especially hydrophilic and high molecular weight substances, which were not possible with conventional transdermal patch formulations.
- It also minimizes pain by reducing direct contacts with nerve cells in the dermis.



CLOPAM is Daewoong Therapeutics' patented technology that ensures efficient drug delivery and the highest manufacturing standards

High Bioavailability and Bioequivalence



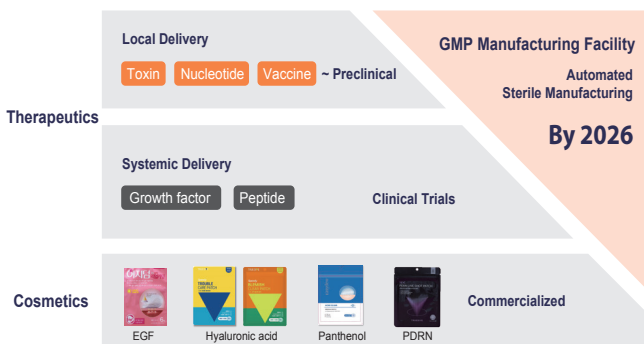
First-in-human study (Investigator-Initiated Trial) with GLP-1RA showed

- **Once-Weekly** dosage as the reference product
- **PK consistency (59% and 58%)**
- **Dose linear PK profile** between 1.0 mg & 2.4 mg CLOPAM® patches

→ Confirming its feasibility as an alternative to injectables

Broad Applicability

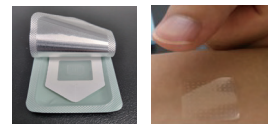
- CLOPAM® enables transdermal administration for both **COSMETICS** and **THERAPEUTICS**
- Key development milestones:
 - First Korean IND submitted for biopharmaceutical for systemic delivery
 - First-in-human data of microneedle secured



Safe & Simple Alternative to Injectables

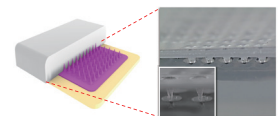
Simper Administration

- User-friendly Design



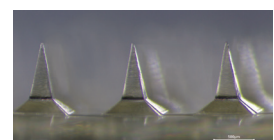
Absolute Protection

- Stability at long-term & accelerated conditions up to 6 months



Product Consistency

- Consistency between needles, patches, and batches



NABOTA[®] 50, 100, 200Units / Vial-Inj.



- **Botulinum toxin type A**
- **Indication: Glabella Lines (Approved in KR, US, Canada, EU), Post Stroke Upper Limb Spasticity (Approved in KR), Crow's feet (Approved in KR), Blepharospasm (Approved in KR)**

- Nabota[™] is the only 900kDa neurotoxin approved in US, EU/England since Botox[™]
- It has proven efficacy & safety with the large-scale global clinical studies for more than 2,000 subjects in the US and Europe for the first time by Korean botulinum toxin.
- It is produced with a patented technology for purity, minimizing the presence of impurities

Eposis 2000, 3000, 4000, 5000, 8000IU / Pre-filled syringe Inj.



- **rhEPO (recombinant human erythropoietin)**
- **Indication: Anemia in chronic renal failure**

- Eposis[™] increased hemoglobin level significantly for the patients with Chronic Renal Failure (CRF).
- Eposis[™] demonstrated significant improvement and safety for patients with anemia in Chronic Renal Failure (CRF).

V-OLET 20mg/2mL / Vial-Inj.



- **Ingredient: Deoxycholic acid (DCA)**
- **Indication: Improvement in the appearance of moderate to severe convexity or fullness associated with submental fat (SMF) in adults.**

- An only injectable drug for reduction of SMF approved by the Ministry of Food and Drug Safety in Korea.
- Mechanism of action of irreversible destruction of fat cells (adipocytolysis) and neocollagenesis.
- Significant effect in improvements in SMF and safety confirmed through clinical trials targeting Koreans.

URSA 100, 200, 300mg - Tab.



- **DCA (Ursodeoxycholic Acid)**
- **Indication: Cholestasis(include PBC, PSC), Viral hepatitis C, Gallstone**

- URSA improves liver function in chronic hepatitis patients, improves symptom and histopathology in Cholestatis patients, and UDCA is the only drug approved for PBC by the US FDA.

Fexuclue® 40mg, 10mg - Tab.



- Fexuprazan (Potassium-Competitive Acid Blocker (P-CAB))
- Indication: Erosive Esophagitis(EE) (Approved in KR, Philippine, Ecuador, Chile, Mexico)

- Fexuclue is the Best-in-Class novel anti acid secretion agent with rapid onset time and potent acid suppressive effect, addressing the growing unmet needs of PPIs.
- Various dosages and indications are under development, including 10mg, 20mg and more

Envlo® 0.3mg - Tab.



- Enavogliflozin (Sodium Glucose Co-Transporter 2 Inhibitor)
- Indication: Type 2 diabetes (Approved in KR)

- Envlo was approved in Korea for treatment of type 2 diabetes mellitus, and metformin combination drug, Envlo met was also approved in Korea
- Envlo is the smallest but most potent novel SGLT2i with excellent efficacy and safety

CREZET 10/20mg, 10/10mg, 10/5mg - Tab.



- Ezetimibe, Rosuvastatin calcium
- Indication : Treatment of primary hypercholesterolemia or to decrease elevated fat level in blood (mixed hyperlipidemia) in adult patients

- Signed a license-out and cooperation contract with AstraZeneca Korea for Crezet, its hyperlipidemia treatment, in four Asian countries - Indonesia, Thailand, Malaysia, and the Philippines.
- CREZET improve not only a greater LDL-C / HDL-C ratio improvement effect but also significantly TG lowering effects compared to high-dose statin monotherapy in T2DM patients.

Luphere Depot 3.75mg-Inj.



- Leuprorelin Acetate
- Indication: Prostate cancer, Endometriosis, Pre-menopausal breast cancer, Uterine leiomyomata (Fibroids), Central Precocious Puberty

- Luphere has two formulations; Daewoong's proprietary patented spray-drying formulation and the emulsion formulation which will make it one of few bio-equivalent generics in the market.
- Emulsion of 3.75mg, 7.5mg, 11.25mg, 22.5mg, 30mg are under development.
- Advancing development through a global partnership with Zydus Lifesciences.

Products Available for Discussion

	Classification	Brand Name	Active Ingredient	Strength	Dosage Form
Biologics	Central Nervous System	NABOTA US: Jeuveau EU: Nuceiva	Botulinum Toxin Type A	50, 100, 200Units	Inj.
	Endocrinology	CareTropin	Somatropin	22.5IU	Cartridge Inj.
	Nephrology	Eposis	rhEPO	2000IU, 3000IU , 4000IU, 5000IU, 6000IU, 8000IU, 10000IU	Prefilled Syringe Inj.
	Wound	Easyef Solution	rhEGF	5mg/10ml	Topical Solution
	Wound	Easyef Ointment	rhEGF	1ug/g	Ointment
Chemical	Gastrointestinal	Fexuclue	Fexuprazan HCL	40mg	Tab.
	Diabetes	Envlo	Enavogliflozin	0.3mg	Tab.
	Antineoplastics	Luphere Depot	Leuprorelin acetate	3.75mg, 7.5mg, 30mg	Vial
	Cardiovascular	Crezet	Ezetimibe / Rosuvastatin	10mg/5mg, 10mg/10mg, 10mg/20mg	Tab.
	Gastrointestinal	URSA	Ursodeoxycholic acid	100mg, 200mg, 300mg	Tab.
	Gastrointestinal	URSA	Ursodeoxycholic acid	250mg	Cap.
	Gastrointestinal	URSA	Ursodeoxycholic acid	50mg, 100mg	Soft Cap.
	Urologic	Nurigra	Sildenafil citrate	100mg	Tab.
	Lipolytic	V-OLET	Deoxycholic Acid	20mg/2mL	Vial/Inj.
OTC	Antacid	Newlanta	Al ₂ O ₃ / Mg(OH) ₂	200mg/400mg	Suspension
	Digestive	Bearse	Multi-enzymes (incl.Biodiastase 2000 III, Lipase I, Ursodeoxycholic Acid)	-	Tab.
	Iron Supplement	Hemo Q Plus	Polysaccharide iron complex/ Cyanocobalamin 0.1%/Folic acid	326mg/25mg/1mg	Cap.

	Classification	Status	Active Ingredient	Strength	Dosage Form
Under development	Gastrointestinal	Phase III	Fexuprazan HCl	20mg	Tab.
	Endocrine	Phase III	Enavogliflozin	0.3mg	Tab.
	Endocrine	Phase I	Enavogliflozin / Metformin	0.15mg/1000mg, 0.15mg / 750mg. 0.15mg / 500mg	Tab.
	Antineoplastics	Clinical (11.25mg, 30mg) Marketed (3.75mg)	Leuprorelin acetate	3.75mg(Vial, 1month), 11.25mg (Vial, DCS, 3month), 30mg(DCS, 3/4month-US)	Vial, DCS
	Central Nervous System	Pre-clinical	Aripiprazole Monohydrate	300mg, 400mg	Vial / Inj.
	Pulmonary Disease	Phase II	DWN12088	150mg	Tab.
	Epidermal Growth Factor Receptor Inhibitor Related Skin Toxicities	Phase II	EGF(Epidermal Growth Factor)	10 ug/g, 20 ug/g, 40 ug/g	Cream
	Benign Masseteric Hypertrophy	Phase III	Botulinum Toxin	48U	Vial
	Ulcerative Colitis	Phase II	Pellino-1 inhibitor(DWP305401)	TBD	Oral Capsule
	Neurological	Phase I	iN1011-N17(DWP17061)	TBD	TBD
	Topical	Phase III	Finasteride(DWJ1528)	-	Inj.
	Endocrine	Phase I	Somatropin	-	Microneedle Array Patch(MAP)
	Gastrointestinal	Pre-clinical	Semaglutide	-	Microneedle Array Patch(MAP)
	Aesthetic	Pre-clinical	Botulinum Toxin	-	Microneedle Array Patch(MAP)
	Colonoscopy Prep.	Phase III	Magnesium sulfate, Potassium sulfate, Sodium sulfate, Picosulfate sodium, Simethicone	108mg, 211.1mg, 1177.5mg, 1mg, 16mg	Tablet

**For Further Information,
Please get in touch with us**

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