



# **ILDONG** Pharmaceutical

Global healthcare company based on philosophy of people being the basis of all medicines

**ILDONG Pharmaceutical Profile**



**ILDONG**



**Pharmaceutical**



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# **Company Profile**



# Greetings



ILDONG Pharmaceutical CEO  
Yun Paul Woongsup

ILDONG Pharmaceutical is a global healthcare and pharmaceutical corporation that was founded by the President Yun Yong-gu and based on his personal philosophy of people being the basis of all medicines.

In honoring this will of the company's founder, ILDONG Pharmaceutical continues to humbly serve as an elite organization contributing to the health and happiness of humankind with the deepest sense of reverence for life.

ILDONG Pharmaceutical could not have grown and evolved into the competitive and leading pharmaceutical company as it is today without the interest and support of our customers, and we are fully committed to responding in kind by continuing to offer safe and effective health solutions and fulfill the role as a people's health lab building a healthier and happier world.

You will find throughout ILDONG Pharmaceutical's website frequent use of the rising sun as a key visual element enforcing the identity of ILDONG Pharmaceutical and the ILDONG Group as a whole. We've also included information about the company and its product offerings, a section showing the company's share information in real

time, an advanced product-search function, and many other unique and useful features and pages.

The website also features pages explaining the stories and benefits of our key brands such as Aronamin and gQ lab and was designed to be SNS-friendly as to function as the company's comprehensive SNS channel in today's increasingly connected world.

Links to websites of group affiliates, a section describing ILDONG Pharmaceutical's compliance program, and a section dedicated to employment opportunities have also been added to offer even greater transparency and accessibility.

Every member of the ILDONG Pharmaceutical family is dedicated to the company's continued growth and evolution as a global healthcare and pharmaceutical corporation and to creating a unique and amazing legacy. Thank you.

Sincerely,





## Vision and Mission

### Corporate Philosophy

A leading global organization that helps people live healthier and happier lives

### Operation Philosophy



Respect for  
Humankind



Quality  
Management



Value  
Creation

### Vision

As a sustainable total healthcare company  
with over **1 tril. won in sales and 0.1 tril. won in income**,  
we will perform **innovative R&D** for new solutions,  
become **the most trusted partner** for health professionals,  
and build **the most valuable consumer brand**.

# History

1940  
~  
1960

- 1941** Founded KEUKDONG Pharmaceutical Co., Ltd.
- 1942** Changed the company name to ILDONG Pharmaceutical Co., Ltd.
- 1959** Launched Biovita, 1st probiotic product in Korea
- 1963** Launched Aronamin, No.1 active vitamin complex in Korean OTC market

1970  
~  
1990

- 1976** Construction of API Plant
- 1982** Establishment of Central Research Laboratory
- 1987** Construction of GMP approved FDF Plant
- 1992** Construction of a current Head office building and transfer of Headquarter
- 1994** Founded SONGPA Foundation, a juridical foundation

2000  
~

- 2002** API Plant obtained BGMP certificate
- 2010** A Cephalosporin antibiotics plant constructed (KGMP approved)
- 2010** An Anticancer plant constructed (KGMP approved)
- 2012** Selected as an Innovative Company by Ministry of Health & Welfare
- 2012** Certified Drug Manufacturer by Japanese MOH
- 2013** API Plant obtained GMP certificate from Japanese MOH
- 2015** FDF Plant approved of compliance to PIC/s GMP
- 2017** Launched BESIVO, ILDONG's first new drug for chronic hepatitis B treatment



# Overview



## Establishment

March 14, 1941



## Employees

1,440 (Aug. 2019)



## Main business

Manufacturing and sales of  
Pharmaceutical products & API



## Turnover

US\$500M (2018)



## Growth Rate

CAGR 5.8% (2014-2018)  
YoY 9.3% (2018)



## Head office

2, Baumoe-ro 27-gil, Seocho-gu,  
Seoul, Korea



## R&D and Plant

1 Central R&D Center  
4 Manufacturing Plants



## Branches of Domestic sales

12 branches for hospital sales  
20 branches for clinic sales  
13 branches for pharmacy sales

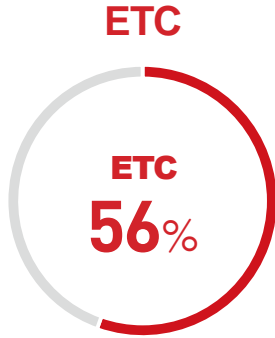


## Number of patents

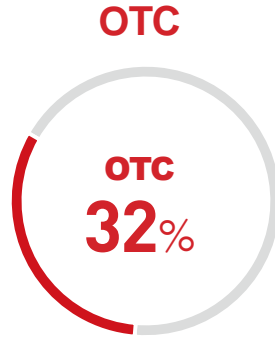
76 patents



# Main Products



Besifovir Tab. Pemetrexed Inj.



Zea Mays Tab. Active Multivitamin Tab.



Vitamin Complex Probiotics

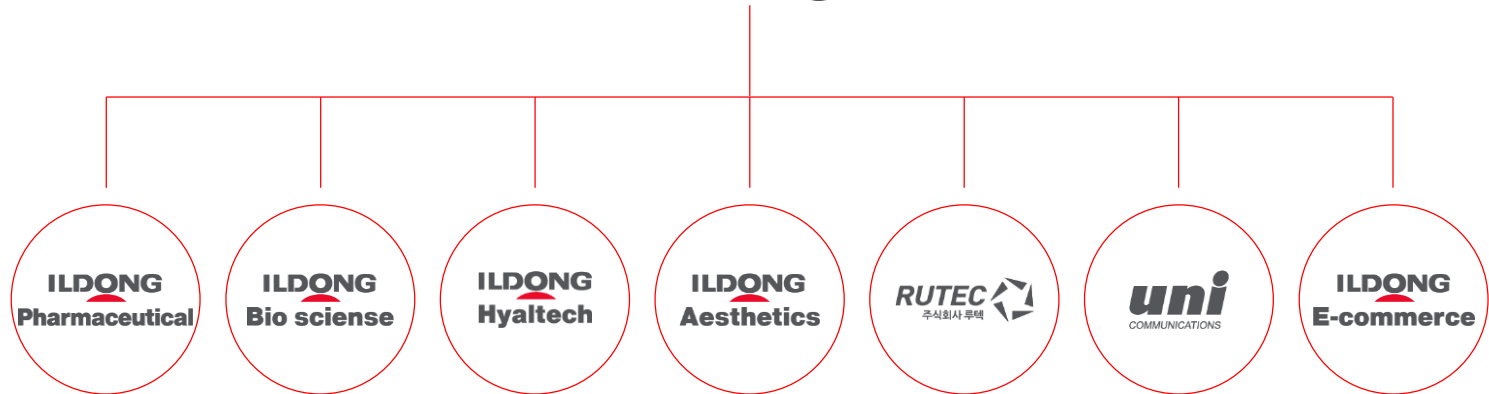


Foam dressing Vitamin beverage



**Group**

# ILDONG Holdings



# CSR Activity



**Songpa Foundation**



**Matinee Concert**



**SDGBI**

(Sustainable Development Goals Business Index)

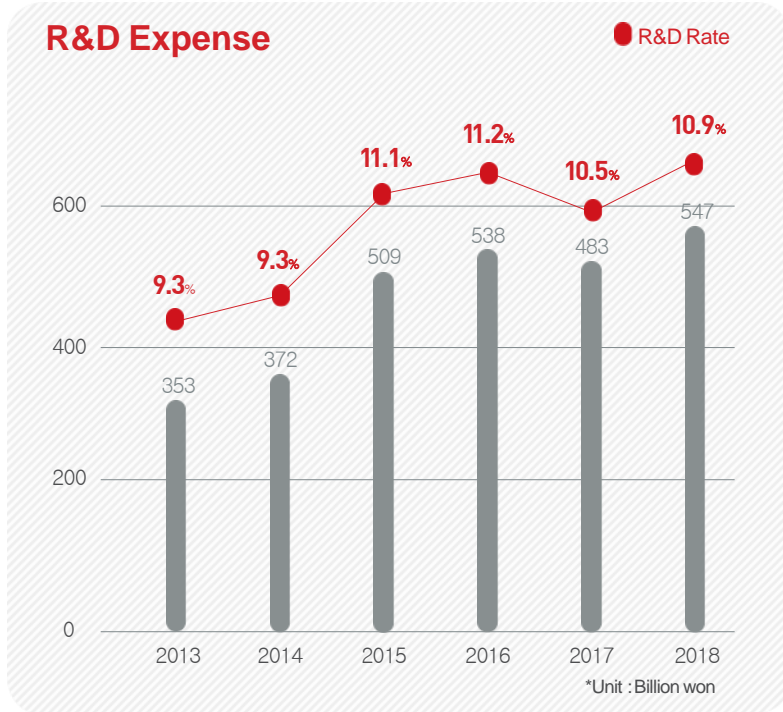


**ILDONG Nanumi  
Volunteers**



**R&D**

# R&D



## New Drugs, New Values

- New modified DDS drugs
- New modified drug combinations
- Drug repositioning
- Gen II Bio drugs



## Custom Treatments

- Drugs for Difficult-to-Treat infectious diseases
- Anticancer drugs
- Immunological disorders of the skin










## Fulfilling Unmet Medical Demands

- Metabolic syndrome
- Dementia treatments



# Pipeline

Type	Indication	MOA	Lab code	Phase					Current Status	Partner(s)
				Preclinical	Phase1	Phase2	Phase3	Approval		
IMD(FDC)	Hyperlipidemia	Rosuvastatin /Fenofibrate	ID-RF							
In-licensed	Acute Migraine	5-HT 1F inhibitor	Lasmiditan						US FDA approved	Eli Lilly(US)
In-licensed	Chronic Lymphocytic Leukemia	Rituximab biobetter	TG-1011							TGTX(US)
In-house	Solid Tumor	PARP-1 inhibitor	IDX1197						P1 on-going	National OncoVenture
In-house	Age related macular degeneration	Lucentis biobetter	IDB0062						Preclinical on-going	
In-house	Solid Tumor	Avastin biobetter	IDB0076						Preclinical on-going	
Open innovation	Parkinson's disease	iCp-Parkin	CV-06						Preclinical on-going	Celliverty(KOR)



**Plant**

# Plant Introduction



**Anseong Plant  
(FDF)**



**Cheongju Plant  
(API)**



**ILDONG Bioscience Plant  
(Probiotics)**



**ILDONG Hyaltech Plant  
(HA)**



# Anseong Plant

Anti-cancer Plant

Cephalosporin Plant

General Plant



# General Plant



- Automated facilities and professional manpower
- Stabilized manufacturing process
- Floor Area 25,101m<sup>2</sup>
- PIC/s GMP compliance (Jul. 2015)

Floor	Injectable drugs Building	Internal solid form drugs Building	Administrations & Logistics Building
3rd	HVAC	HVAC	Quality Management
2nd	Injectable drugs preparation area, Raw materials storage	Internal solid form drugs preparation area	Office Conference Room
1st	Injectable drugs packaging	Internal solid form drugs packaging, Raw materials storage	Finished products storage

Capacity(yr)	
Lyophilized Injections	18M vials
Liquid Injections	74M vials
Ampoules	95M ampoules
Tablets	11B tablets
Capsules	2.5B capsules
Granules	0.7M kg

# Cephalosporin Plant



- The biggest capacity of Lyophilized Cephalosporin Injections in Korea
- All formulation production available
- Floor Area 7,587m<sup>2</sup>
- PIC/s GMP compliance (Jul. 2015)

Floor	Type	Formulation	Space(m <sup>2</sup> )
Roof Top		HVAC	874
3rd	Solid	Tablets, Capsules, Dry syrups	1,773
2nd		QC/QA	818
1st	Automated injections storage, Cafeteria	Lyophilized injections, Powder injections	2,312
Basement	Water for manufacturing, Electrical transformer, Generator, Water treatment equipments		1,902

Capacity(yr)	
Lyophilized Injections	11M vials
Powder Injections	37M vials
Tablets	0.5B tablets
Capsules	0.6B capsules
Dry Syrup	0.7M kg

# Anti-cancer Plant



- Dedicated facility for cytotoxic anticancer drugs
- Manufacturing facility capable of production injections and solid preparations
- Floor Area 2,344m<sup>2</sup>
- PIC/s GMP compliance (Jul. 2015)

Floor	Type	Formulation	Space(㎡)
Roof Top		HVAC	390
2nd	Solid	Tablets, Capsules	314
1st	Injections automated storage	Lyophilized Injections, Liquid Injections	1,378
Basement	Water treatment equipments		87

Capacity(yr)	
Lyophilized Injections	0.6M vials
Liquid Injections	30M vials
Tablets	0.1B tablets
Capsules	0.3B capsules

# Cheongju Plant



- Synthesis plant for high-quality API
- Site Area 17,281m<sup>2</sup>
- Building Area 9,761m<sup>2</sup>
- Accreditation certificate of foreign drug manufacturer(Japan) in 2012
- PIC/s GMP and PMDA compliance

## Vitamins

Fursultiamine

Fursultiamine hydrochloride

Riboflavin butyrate

Thiamine disulfide

## Synthesis

Topiramate

Benidipine HCl

Telmisartan

Mosapride citrate dihydrate

# ILDONG Bioscience Plant



- The biggest fermentation & Extraction facilities in Korea
- Certified GMP & HACCP
- Patented technology “Quadruple coating” & “Tyndallization”
- Customizing formulation available

## ILDONG Probiotics

*Lactobacillus acidophilus* IDCC 3302

*Lactobacillus casei* IDCC 3451

*Lactobacillus fermentum* IDCC 3901

*Lactobacillus gasseri* IDCC 3101

*Lactobacillus helveticus* IDCC 3501

*Lactobacillus reuteri* IDCC 3701

*Lactobacillus rhamnosus* IDCC 3201

*Lactobacillus salivarius* IDCC 3551

*Lactobacillus lactis* IDCC 2301

*Enterococcus faecium* IDCC 2102

*Bifidobacterium breve* IDCC 4401

*Bifidobacterium longum* IDCC 4101

## Tyndallized Probiotics

*Lactobacillus rhamnosus* RHT 3201

*Lactobacillus acidophilus* IDCC 3302

# ILDONG Hyaltech Plant



- Established in Apr. 2011
- Raw Material Manufacture site approved Aseptic GMP by MFDS in 2012
- Dermal Filler Manufacture site approved GMP in 2016
- Manufacture High purity HA & Dermal filler

## Raw Material

Intrinsic Viscosity	Specification
1.6ml/kg	Pharma grade Non-animal origin Ph.Eur sterile
3.3ml/kg	
4.4ml/kg	

## Dermal Filler

Brand	
ID/Fresh Contour	900um
ID/Fresh Edge	700um
ID/Fresh Basic	300um
ID/Fresh Skin	120um



# **Global Business**



# Products

## API

- Fursultiamine HCl
- Benidipine HCl
- Topiramate
- Rivaroxaban

## FDF



Entecavir Tab.



Rosuvastatin /Ezetimibe Tab.



Pemetrexed Inj.

## Food Supplement



Probiotics Chewable Tab. & Powder



Zea Mays Tab.

## Others



Foam Dressing



Hydrocolloid Dressing

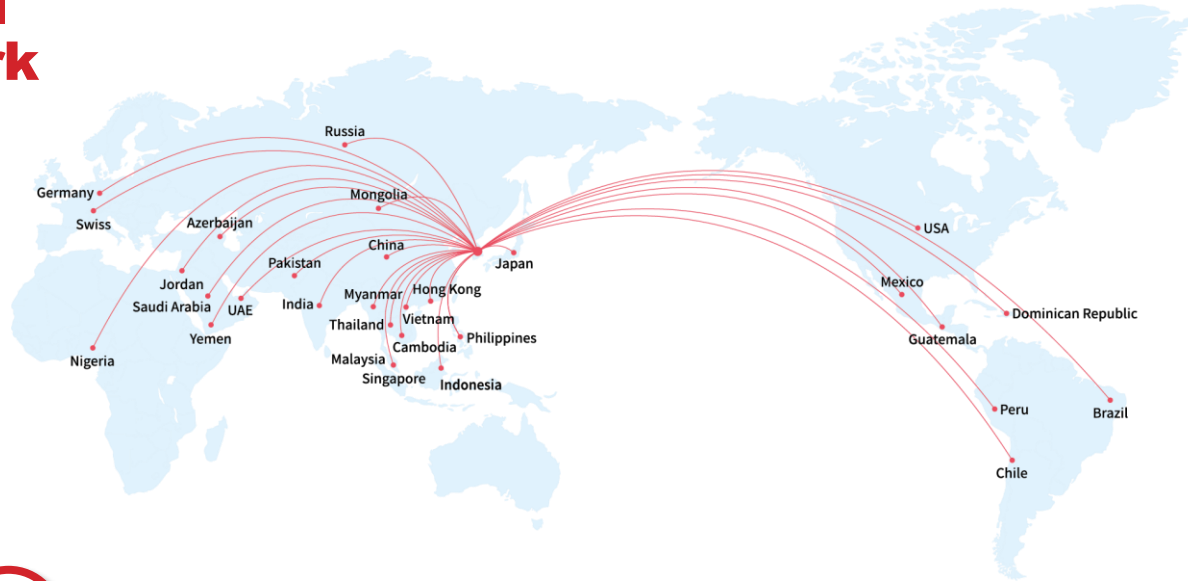
# Global Main products

Category	Product Name	
API	Atorvastatin calcium	Prosultiamine
	Benidipine hydrochloride	Quetiapine fumarate
	Ciprofloxacin base	Riboflavin butyrate
	Dimecrotate magnesium	Rivaroxaban
	Donepezil hydrochloride hydrate	Rosuvastatin calcium
	Famotidine	Telmisartan
	Fursultiamine	Thiamine disulfide
	Fursultiamine hydrochloride	Topiramate
	Itopride hydrochloride	Valsartan
	Levofloxacin hemihydrate	Linagliptin*
	Mosapride citrate dihydrate	Tofacitinib citrate*
	Ofloxacin	
	Pioglitazone hydrochloride	

Category	Product Name	
Medicine	Gemcitabine Inj.	Rosuvastatin/Ezetimibe Tab.
	Methotrexate Inj.	Telmisartan/Amlodipine Tab.
	Paclitaxel Inj.	Entecavir Tab.
	Irinotecan Inj.	Memantine Tab.
	Pemetrexed Inj.	Tadalafil Tab.
	Gefitinib Tab.	Solifenacin Tab.
	Levofloxacin Inj.	Rivaroxaban Tab.*
	Teicoplanin Inj.	Atorvastatin/Ezetimibe Tab.*
Food Supplement & Others	Amlodipine/Valsartan Tab.	Aronamin Tab. (Active Vitamin)
	Biovita (Probiotics for infants and kids)	
	gQlab (Probiotics for adult and kids)	
	Myni (Vitamin and Probiotics for adult, kids, pregnant women)	
	Medi touch (Foam dressings & Hydrocolloid dressings)	
Den Q (Zea Mays Tab.)		

\* Under development

# Global Network














**Currently exporting, 124 pharmaceutical products to 25 countries**



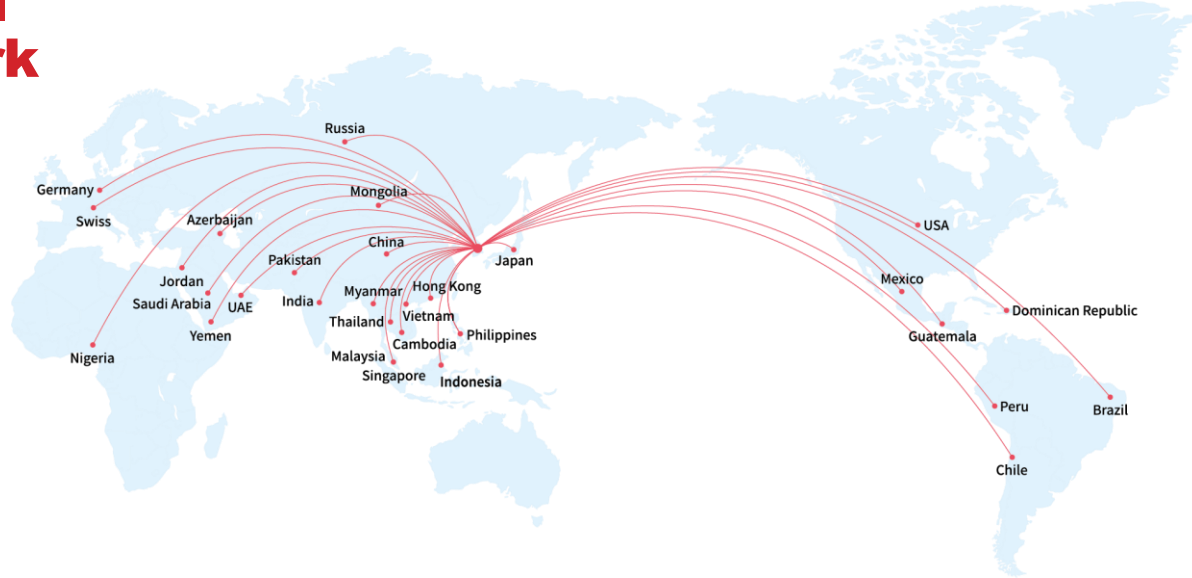
**Under registration process, 84 pharmaceutical products in 40 countries**














# Global Network



# Global Network





**Thank you**

**ILDONG**  
Pharmaceutical