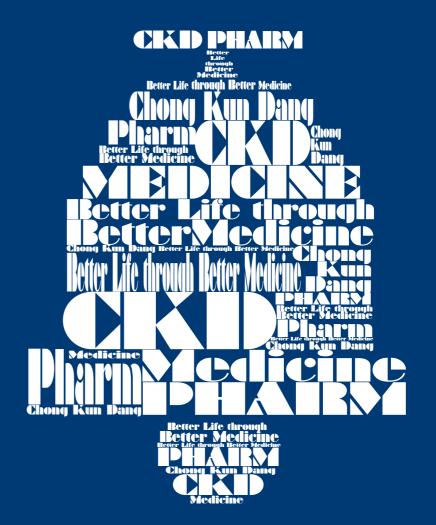
Chong Kun Dang Pharm. Seoul, Korea

Chong Kun DangPharmaceutical Company



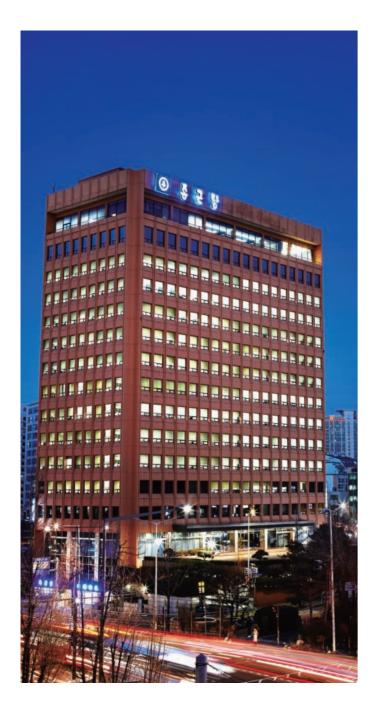
"Better Life through Better Medicine"





CORPORATE INFORMATION

Better Life through Better Medicine



Since 1941, Chong Kun Dang Pharmaceutical Corp. (CKD) has managed

to lead Korean pharmaceutical industry and maintained its status as one of the top Korean pharmaceutical companies. From the development of generic drug to innovative drug, CKD is actively investing towards R&D to strengthen our presence not only in the domestic pharmaceutical market but also in the global market.

R&D and Manufacturing CKD

has the capacity to research and develop drugs in broad areas: New Chemical Entity (NCE), Incrementally Modified Drug (IMD), and Biologics with a focus on antineoplastic, metabolic, immune and cardiovascular diseases. CKD also established a GMP approved manufactory and all products are produced under meticulous validation.

Sales & Marketing CKD is wellknown for strong sales capability and marketing networks. More than 880 sales reps. and product managers, all well trained and dedicated, keep strong relationships with key opinion leaders in various fields, leading us to be the market leader in the Korean pharmaceutical market.

Global Partnership CKD has maintained close business relationships with numerous global partners such as MSD, Pfizer, Italfarmaco, Roche, Amgen, etc. Our mutual trust was built on our successful sales performance with partnered products (Januvia®, Prevenar13®, CKD Gliatilin®, Tamiflu®, Atozet[®], Dilatrend[®], Prolia[®], etc.).

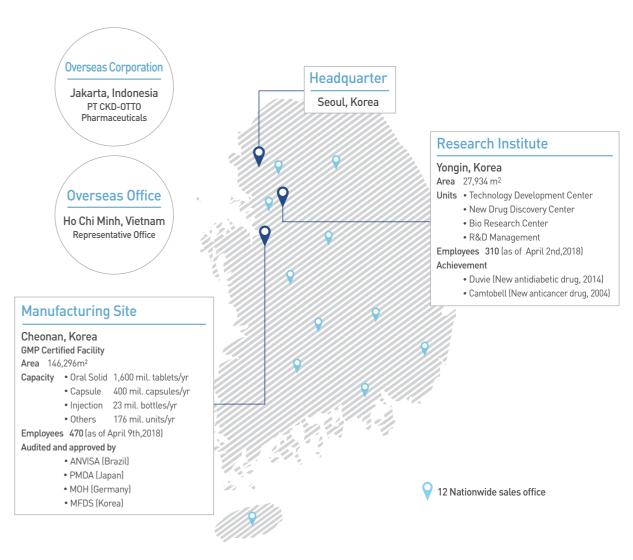
Overview

Establishment 1941. 5. 7 Capital US\$ 22M

Manufacturing & Sales of Business Pharmaceutical Products

US\$ 620M (2017) Total assets Net sales US\$ 825M (2017) Employees 2,006 (2017)

Location of Business Offices



CKD Business Group

*Currency : 1 USD = KRW 1,071

Chong Kun Dang Bio Corp.

Establishment 2001. 11. 12 Capital US\$ 12.2M

Business API & Intermediates from fermentation

Manufacturing Site Ansan, Korea

Kyongbo Pharmaceutical Co. Ltd.

Establishment 1987, 3, 31 Capital US\$ 11.2M API & generic drug Business business

Manufacturing Site Asan, Korea

Chong Kun Dang Healthcare Corp.

Establishment 1996. 1. 5 Capital US\$ 4.8M

Manufacturing & Sales Business of health functional food

Manufacturing Site Dangjin, Korea

1974 Established the largest fermentation facilities in Korea and supplied •-**HISTORY** Tetracycline and Oxytetracycline 1965 Established the first API synthesis facility in Korea -1956 Registered as a corporation, "Chong Kun Dang Pharm. Corp." Exported the antibiotic APIs to the US, Japan and Southeast Asia Making the history of the global pharmaceutical industry 1968 Received FDA approval for the first time in the Korean pharmaceutical industry 972 Established Central Research Laboratories for the first time in the Korean pharmaceutical industry 1941 Established "Goongbon Pharmacy" [Founder: Mr. Chong-Kun Lee] CHONG KUNDANG -1998 Constructed Cheonan GMP plant Succeeded in fermenting Rifampicin, an anti-tuberculosis drug, for the 3rd time in the world. Obtained FDA approval for Reorganized CKD Research Institute into two labs, Technology Lab and New Drug Discovery Lab 1986 Obtained KGMP approval for all dosage forms 1996 Took over Kyongbo Pharmaceutical Co. 1976 Listed on the Korea stock exchange market 2001 Split CKD into CKD Pharm and CKD Bio



2004 Launched a new drug "Camtobell", anti-cancer drug

2011 Expanded and relocated central R&D center, "CKD research institute"

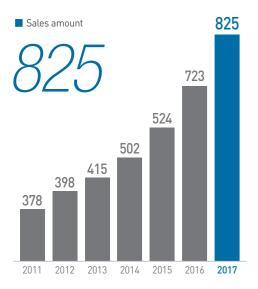
2018 Exported world's first 2nd generation EPO biosimilar (CKD-11101' to Japan)

SALES REVENUE & R&D EXPENDITURE

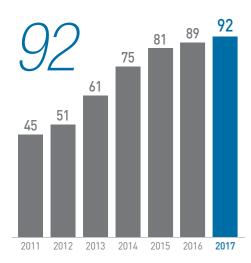
Excellent Growing Sales Performance

*Currency : 1 USD = KRW 1,071 Source : Annual Report 2017 Unit : mil. USD

Sales Revenue



R&D Expenditure



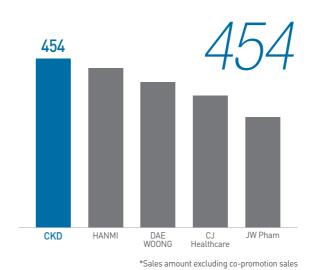


MARKET COMPETITIVE POWER

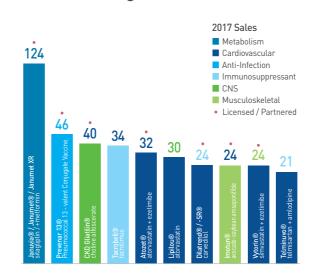
A company that has achieved numerous 'firsts' and 'bests'

*Currency : 1 USD = KRW 1,071 Source : IMS Sales Audit 2017

CKD Ranked 1st in Korean Prescription Market among Local Manufacturers in 2017



TOP10 Selling Products



No.1 in Local CVM Mfrs.



No.1 in Local Immunosuppressant Mfrs.



Sales by Therapeutic Class



Cardiovascular	Atozet Tab. (atorvastatin + ezetimibe)	Lipilou Tab. (atorvastatin)
■ Metabolism	Januvia / Janumet / Janumet XR (sitagliptin / +metfomin)	Duvie Tab. (lobeglitazone)
Anti-Infection	Prevenar 13 Inj.	Tamiflu Cap. (Oseltamivir)
■ Immunosuppressant	Tacrobell Cap./Inj. (tacrolimus)	Cipol Inj./-N.SoftCap. (cyclosporin)
CNS	CKD Gliatilin Cap. (choline alfoscerate)	Depas Tab. (etizolam)
Others	Imotun Cap. (avocado-soybean unsaponifiable)	Pregrel Tab. (clopidogrel)

WORLDWIDE PARTNERSHIP



Local License Partner

















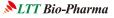


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Overseas Business Partnership

OTTO

ACHIEVEMENT ON NEW CHEMICAL ENTITIES

Novel PPAR- γ agonist for diabetes

- Korea's 20th new drug, the 1st insulin sensitizer developed in Korea
- Launched in Korea in February 2014
- Significant blood glucose-lowering efficacy and safety profile
- Statistically significant improvements in metabolic syndrome and lipid profile
- Duvie® sales was approximately 11mil.USD (2017)





Novel topoisomerase-I inhibitor for small cell lung cancer and ovarian cancer

- Korea's 8th new drug, 3rd new anti-cancer drug
- Launched in Korea in 2004
- Significantly low rate of hematological adverse events (leukopenia, thrombocytopenia, anemia)





Pipeline

	DISCOVERY	PRECLINICAL	PHASE I	PHASE II	PHASE II
New Chemical Drugs					
CV & METABOLIC DISEASE					
Dyslipidemia (CETP inhibitor)	CKD-508				
DNCOLOGY					
Liver Cancer (A3 adenosine receptor agonist)	CKD-950*				
Colorectal Cancer (VDA)	CKD-516				
Multiple Myeloma (Pan-HDAC inhibitor)	CKD-581				
Multiple Myeloma (HDAC6 inhibitor)	CKD-509				
NSCLC, Colorectal Cancer (Bi-specific antibody)	CKD-702				
MMUNOLOGY					
SLE, Dermatomyositis (anti-INFa)	CKD-971*				
Autoimmune Disease (HDAC6 inhibitor)	CKD-506				
CNS					
Neurodegenerative Disease (HDAC6 inhibitor)	CKD-504				
OTHERS					
∘Anemia (Darbepoetin-ɑ)	CKD-11101				
Pain, Uremic Pruritus (Opiod κ receptor agonist)	CKD-943*				
HSDD (Hypoactive sexual desire disorder)	CKD-947*				
ophthalmology (Ranibizumab)	CKD-701				
Rare Disease (HDAC6 inhibitor)	CKD-510				
∘ Neutropenia (Pegfilgrastim)	CKD-12101				
 Biologics / * In-licensed product 					
MDs					
CV & METABOLIC DISEASE					
Diabetes	CKD-396				
Diabetes	CKD-398				
Hypertension	CKD-385				
Hypertension + Dyslipidemia	CKD-333				
Hypertension + Dyslipidemia	CKD-386				
Antithrombotic	CKD-357				
OTHER Indications				•	
Glaucoma (FDC eye drops)	CKD-351				
DDS Technology					,
	CKD-841**			1	
Prostate Cancer					
BPH/Hair Loss	CKD-843				
Botanical Drugs					
Gastritis	CKD-495				
oustrius					
Expectorant	CKD-497				

Better Life through Better Medicine

Headquarter

8,Chungjeong-ro, Seodaemun-gu, Seoul, Korea

Manufacturing Site:

797-48 Manghyang-ro, Seonggeo-eup, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Korea

Research Institute:

315-20, Dongbaekjukjeon-daero, Giheung-gu, Yongin-si, Gyeonggi-do, Korea

www.ckdpharm.com