

INTRODUCTION

THERAGEN ETEX CO., LTD.

Global pharmaceutical company developing personalized new drugs
by analyzing the genome of individual

KOSDAQ
015700



THERAGEN ETEX CO., LTD. is a leading pharmaceutical company to develop innovative and personalized new drugs having a world class analysis technology of individual genome.



... Excellent System

THERAGEN ETEX CO., LTD. has manufactured outstanding pharmaceuticals by controlling all lines at GMPs factories from manufacturing to quality controls in compliance with WHO/ICH Guideline.

... Best Bio center

Laboratory having the best analysis technology and excellent analysts of the genome in Korea

The first and the best results of studies to be recognized in the world

- Whole genome mapping of woman, tigers and whales (the first in the world)
- Commercialized personal genome analysis service (the first in Asia)

... Innovative New drug

THERAGEN ETEX CO., LTD. has built databases and infrastructures to develop personalized pharmaceuticals by analysing individual's disease genes as the only pharmaceutical company having pharmaceutical manufacturing facilities and genome analysis service in Korea.

COMPANY OVER VIEW

THERAGEN ETEX CO., LTD. consists of 2 main business

-Pharmaceutical and Gene/Genome technology-

And also,

Value Chain with Subsidiaries,

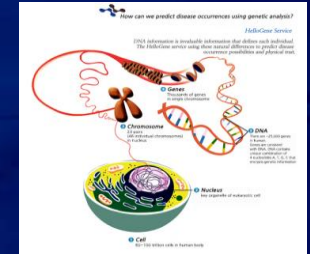
-New drug R&D / Anticancer ; MEDIFACTO

-Pharmacy Franchise ; LEADPHARM

-Medical device, Quasi drug ; MERON HEALTH

THERAGEN ETEX CO., LTD. is listed on Korean stock market/KOSDAQ

DNA/Genome analysis



New drug R&D



Medical device,
Quasi drug



Pharmacy chain



Production
Sales & Marketing
Export



INTRODUCTION

THERAGEN ETEX CO., LTD.

(PHARMACEUTICAL DIV.)

HISTORY

- 2010. 07 Merger of affiliated company, THERAGEN and ETEX .
Listed on KOSDAQ
(Korea Securities Dealer Automated Quotation).
- 2007. 06~ Esseltech co., Ltd undertake of the right of the management of Etex Pharm.Co.,Ltd
- 2006. 02 ACTS Group undertake of the right of the management of Etexpharm., Ltd
- 2002. 06 Establishment of Korea Etex corportation
- 1997. 09 Undertake the factory of Bristol Myers Squibb Co., Ltd
- 1990. 07 Investment to ETEX Corp. by Il Jin Group.

ORGANIZATION



FACTORY (GMP Certified)

- **Solid form for Internal Use : Tablets, Capsules, Granules**
- **Topical Ointment : Ointment, Creams**
- **Liquids : Syrup**
- **Functional Healthy Food**

FACTORY and FACILITIES



DOMESTIC SALES TURN OVER



EXPORT COUNTRY



EXPORT VALUE



INTRODUCTION

THERAGEN ETEX CO., LTD.

(GENE/GENOME TECHNOLOGY DIV.)



TheragenEtex is a biotech company based in the Republic of Korea. Our company specializes in diagnosis/drug research, pharmaceutical manufacture and distribution industries and we are the leading genome sequencing company. TheragenEtex is engaged in providing genome-based customized services in biomedical research. We also design and develop predictive techniques of lifetime risk of disease by risk factors and for the diagnosis of cancers.

The purpose of this document is to provide detailed company information in order to make a strategic alliance that will benefit both parties.

History

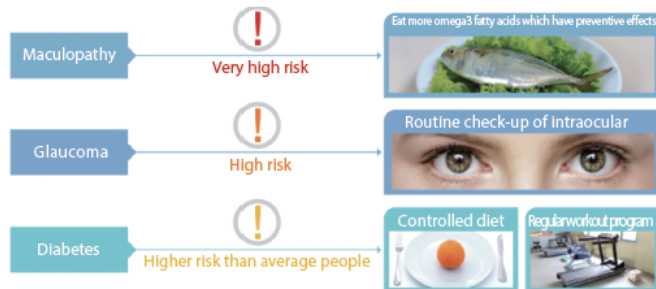
- 1987.03 ● Founded SANGTIM PRECISION INDUSTRIAL CO. LTD
- 1990.10 ● Changed corporation to SANGTIM PRECISION INDUSTRIAL CO. LTD
- 2000.03 ● Changed company name to ESSEL TECH CO. LTD
- 11 ● ISO 9001 Certified
- 2004.05 ● Listed on KOSDAQ
- 2005.11 ● Awarded '\$100 Million Export Tower'
- 12 ● Bought out LeadPharm Co. Ltd
- 2007.06 ● Bought out ETEX Pharmaceutical Co. Ltd
- 2009.03 ● Registered Inno-Biz, a start-up company
- 08 ● Changed company name to THERAGEN CO. LTD
- 2010.01 ● Received certification for the genome analysis research center
- 06 ● Received approval from the Korean Centers for Disease Control and Prevention for our Gene Testing Center
- 07 ● Changed company name to THERAGEN ETEX CO. LTD
- 2011.08 ● Initiated our Whale Genome Project in collaboration with the Korea Ocean Research and Development Institute
- 08 ● Initiated a national research project: Genome analysis and commercialization using next generation bioinformatics
- 09 ● Completed KPGP-20 Project in collaboration with KT
- 2012.01 ● Launched Xomics, the Next Generation High Throughput Analysis Platform
- 05 ● Launched Oncomics, the Next Generation Cancer Genome Analysis Platform
- 08 ● Signed a Personal genome service contract with YUHAN
- 2013.04 ● Won a contract for Korean Centers for Disease Control and Prevention's Academic service business
- 07 ● Was the first company to identify genes related to Korean gastric cancer
- 09 ● Completed the first Tiger genome assembly
 - Published in Nature Communications
- 09 ● Signed a Genetic disease prediction service alliance contract with Korean Stem Cell Bank
- 10 ● Completed the analysis of cloned dog 'Suppy's genome'
 - Published in Science (Scientific report)
- 10 ● Completed the first Minky whale genome assembly
 - Published in Nature Genetics
- 11 ● Launched a genomic analysis service in China
- 2014.01 ● Initiated clinical research with 18 major general hospitals
- 01 ● Identified diffuse type gastric cancer causing gene – National Cancer Institute of Korea
- 04 ● Formed an alliance with a Chinese physical examination center to support services in the Asia Pacific region

Services

Service category

We live in an era where customized healthcare that is differentiated according to genetic diversity of individuals is available, breaking away from healthcare system that was uniform for everyone.

Unlocking the secret to our own DNA will be the best strategy to protect health and life.



Hellogene Cancer

- Composed of 10 most prevalent cancers in Korea with additional information classified by gender

Hellogene Common Disease

- Composed of chronic diseases that have high incidence among Koreans, excluding cancers

Hellogene Platinum lite

- Composed of 10 most prevalent cancers in Korea and frequently occurred common diseases
- Solid healthcare service that checks for cancers and common diseases at once

Hellogene Platinum

- Comprehensive healthcare service that checks for cancers and common diseases with additional information on food & drug responses and physical traits
- Service that provides information on food & drug responses and physical traits to help changing lifestyle and consulting

Hellogene Noble

- VIP Healthcare Service that is composed of all Hellogene Platinum Tests (Cancers, Common Diseases, Food & drug responses and physical traits) plus additional rare diseases information
- Service that checks for genetic markers for rare disease to assess the risks for disease of family members or future family planning
- Good opportunity to check the diverse types of traits to find out client's inherent health conditions

Performances



- Published on the NATURE, a prominent scientific journal in the world

THERAGEN ETEX Genome/Bio Lab's Historical Performances

- 2010. 04 (the first in the world) Analyzing a whole woman genome
- 2010. 05 Participate in the world's first in analyzing the genome of a wild soybean (Glycine soja)
- 2011. 09 Completion of KPGP-20 (20 Korean whole genome sequencing and analysis)
- 2013. 06 (the first in the world) Identification of the genes related to Korean gastric cancer - published on Genome Research
- 2013. 09 (the first in the world) Whole tiger genome assembly - published on Nature Communications
- 2014. 01 (the first in the world) Whole whale genome assembly - published on Nature Genetics
- 2014. 04 (the first in the world) Discovery of the genes causing diffuse gastric cancer - published on Genome Biology