

UnicoCell Biomed Co. Ltd. (6539)

http://www.unicocell.com/

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Corporate purposes

Health Health food development

Beauty Products and service for inner and outer beauty

Corporate social responsibility

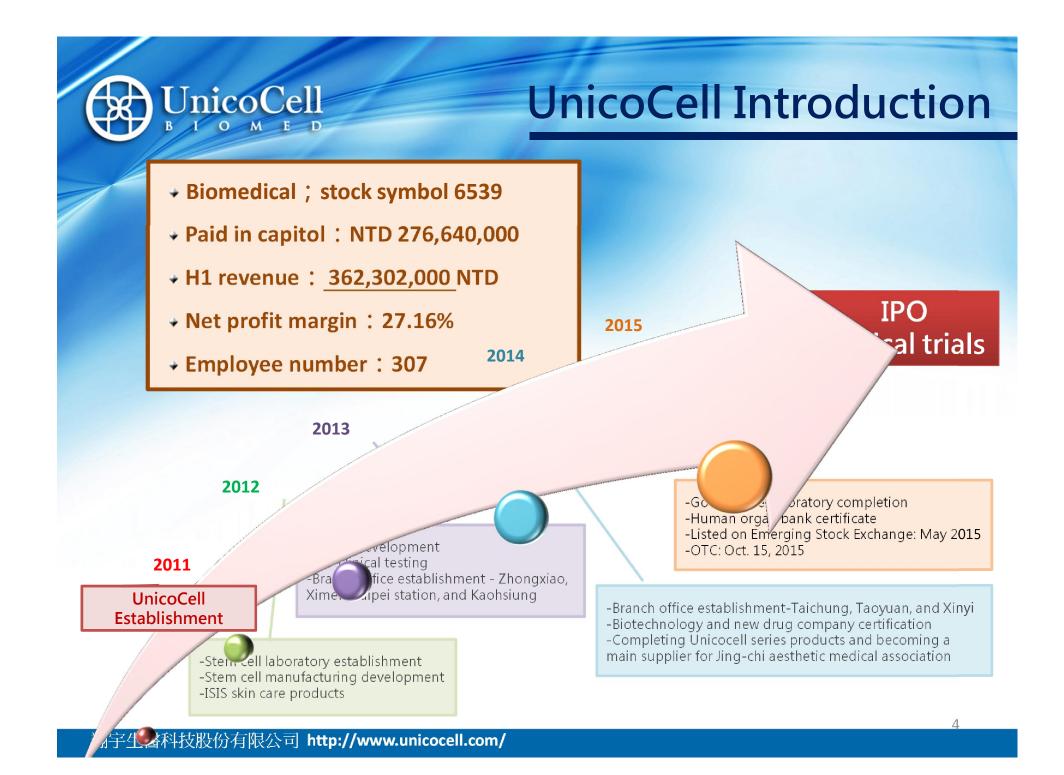
More efficient and harmless treatment for contribution to the community

Innovation

Stem cell research as our foundation

Innovation **Corporate social Beauty** responsibility

Health





Core Team

Dr. James Tsai **President and Director**

• Ph.D. in biochemistry, National Taiwan University

Postdoctoral fellow, Harvard University, USA

Michele Lee Chief operating officer Marketing assistant manager, Kelti International Co., Ltd. • 10 years experience in aesthetic medicine business

Eric Huang Chief financial officer

Susanna Wu Accounting manager

Dr. YiPei Hung R&D manager • Vice president, PwC Taiwan

Chief financial officer, Min-Sheng medical system

 Chief financial officer, M association, Foxcoon Technology Group

• Deputy manager, PwC Taiwan

• Executive assistant, Young Energy Source Co., Ltd.

• Yonglin Biotech Corp., vice president of business management

• Ph.D. in biochemical engineering, Birmingham University, UK · Postdoctoral fellow in Institute biomedical engineering, National Taiwan University

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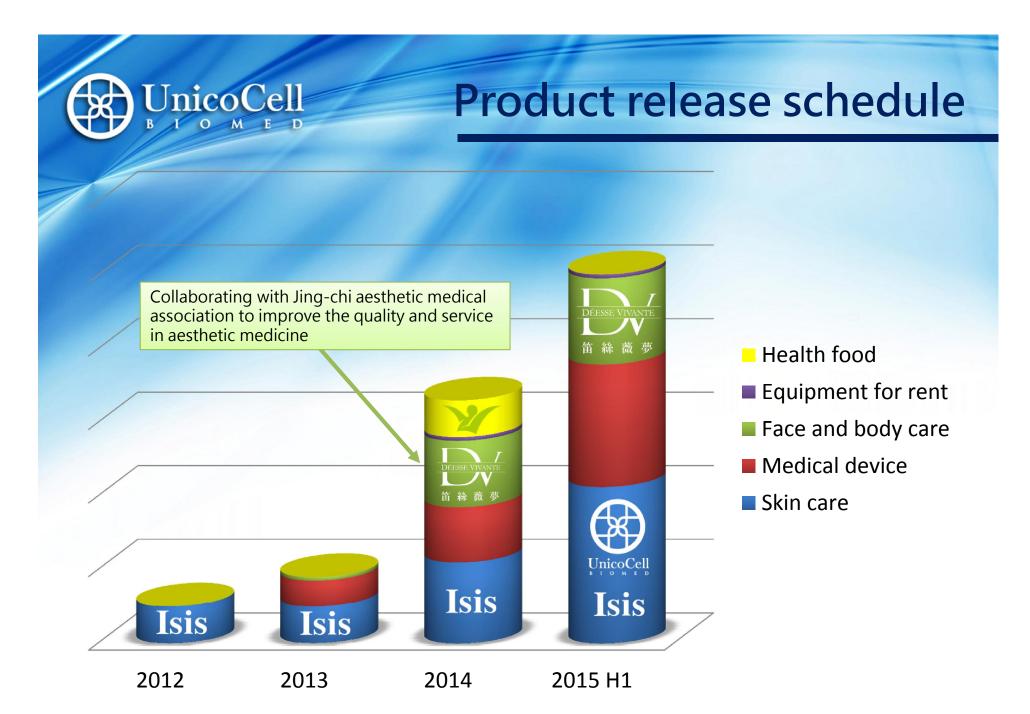


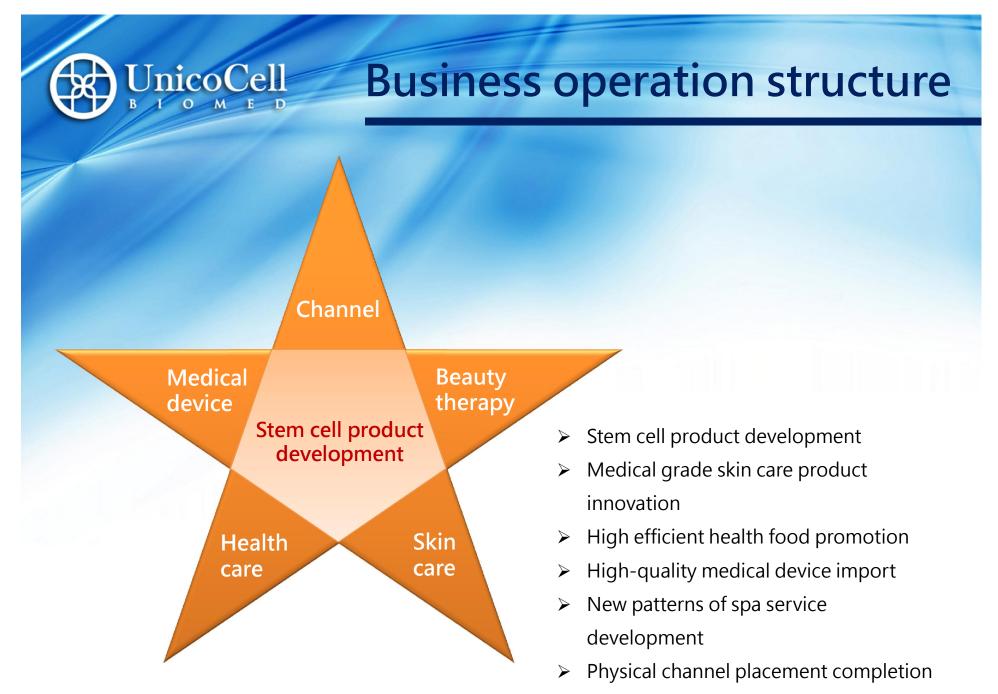
Planning, executing, and supervising business strategies, approaches, goals, projects, and new business development

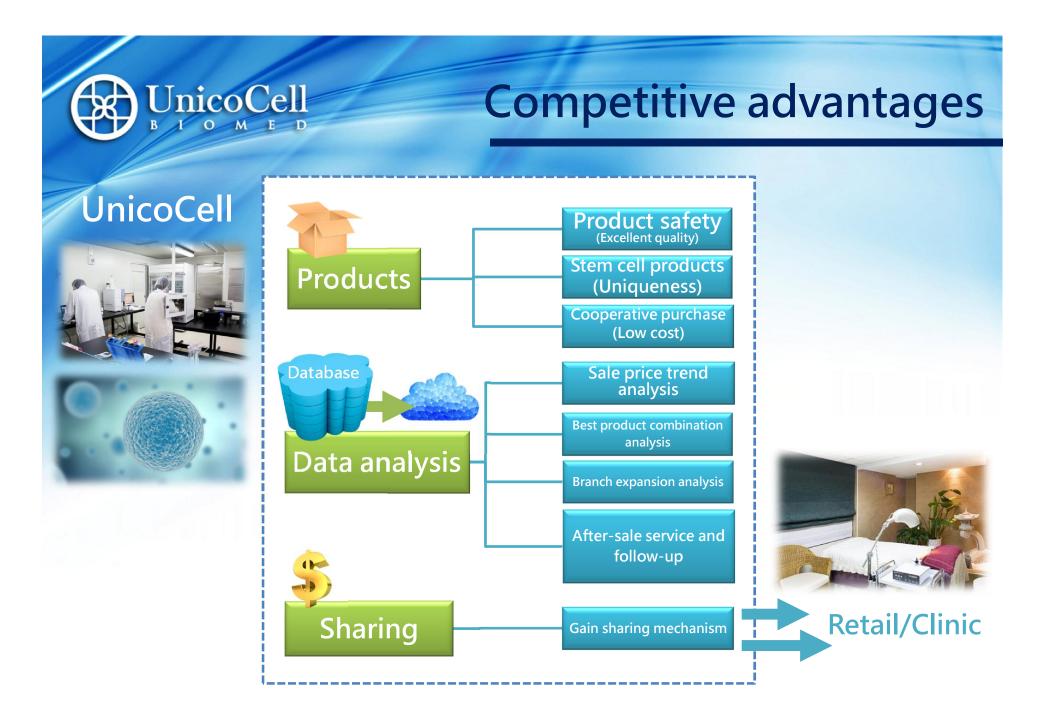
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Business operation overview

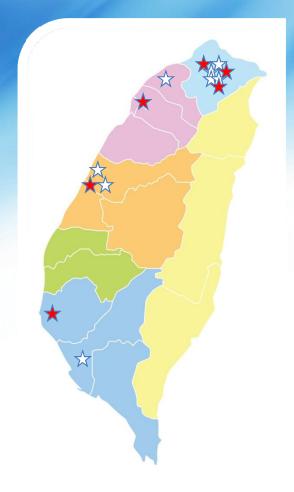
- Product release schedule
- Operation structure
- Competitive advantages
- Competitor comparison







Beauty therapy physical channel perspective-Spa service retail expansion



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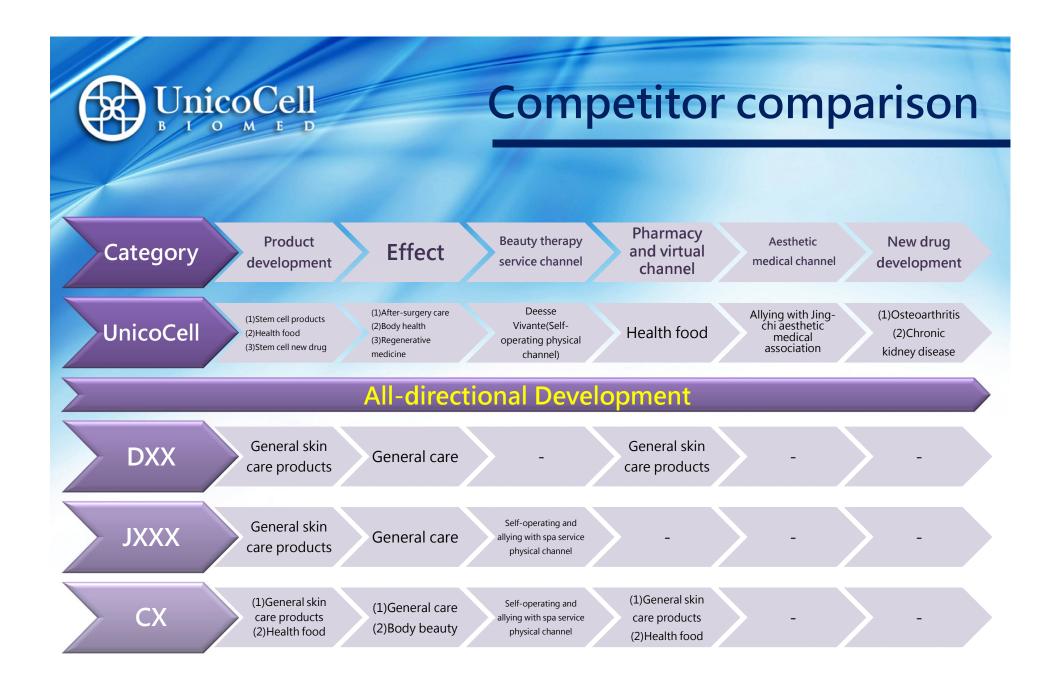
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Continuous channel placement and occupancy expansion

Current service retails

† Future service retails





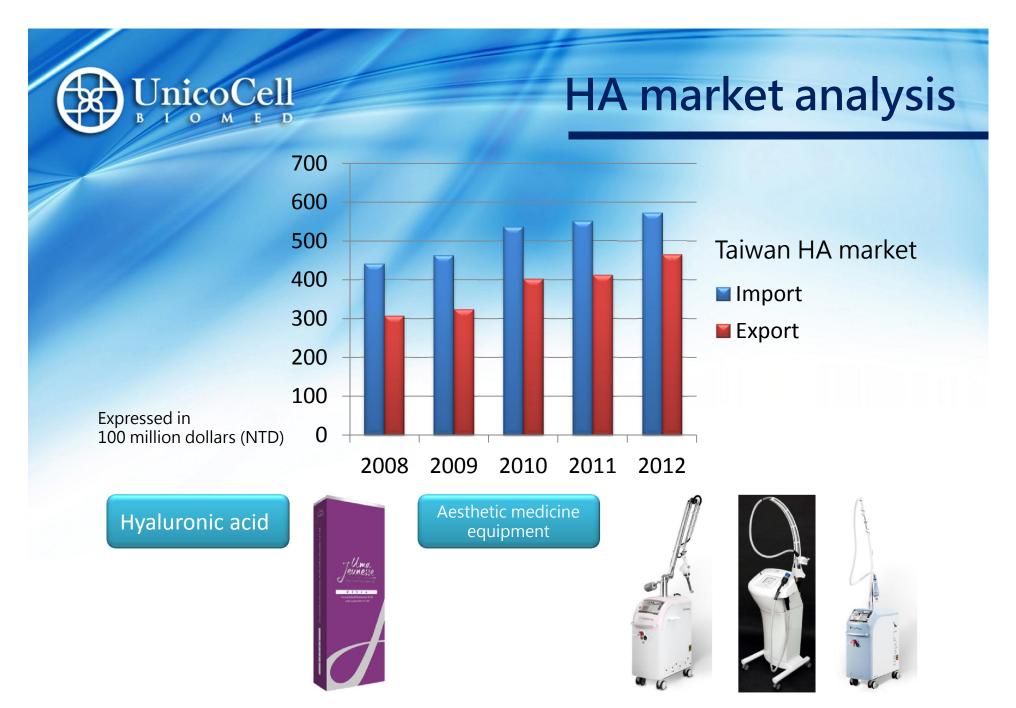
2016 Operation plans

Health food independent development

- Health food independent development
- Medical devices franchises
- Clinical trial: stem cell therapy
- China: marketing channel establishment
- Japan: Stem cell research and liaison office

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Financial situation

- Balance Sheets
- Statements of comprehensive Income
- Revenues & Net Profit
- Revenue Analysis of products

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(Expressed in thousands of New Taiwan dollars)								
Item	2013.12.31		2014.6.30		2014.12.31		2015.6.30	
Item	Amount	%	Amount	%	Amount	%	Amount	%
Current assets	142,846	81%	156,828	70%	465,019	80%	547,596	79%
Property, plant and equipment	23,541	13%	46,147	21%	91,232	16%	119,689	17%
Intangible assets	1,013	1%	928	-	785	-	780	-
Other assets	9,651	5%	21,074	9%	25,577	4%	23,459	4%
Total assets	177,051	100%	224,977	100%	582,613	100%	691,524	100%
Current liabilities	65,147	37%	103,425	46%	165,634	28%	167,182	24%
Non-current liabilities	34	-	1,072	-	5,223	1%	4,876	1%
Total liabilities	65,181	37%	104,497	46%	170,857	29%	172,058	25%
Share capital	92,000	52%	106,788	48%	227,000	39%	276,640	40%
Capital surplus	3,000	2%	3,000	1%	120,340	20%	134,340	20%
Retained earning	16,870	9%	10,692	5%	64,416	12%	108,486	15%
Total equity	111,870	63%	120,480	54%	411,756	71%	519,466	75%
Liability ratio	36.81%	-	46.45%	-	29.33%	-	24.88%	-
Current ratio	219.27%	-	151.63%	-	280.75%	-	327.54%	-
Account receivable turnover (time)	3.38	-	3.59	-	7.03	-	8.10	-
Inventory turnover (time)	1.49	-	1.29	-	2.91	-	4.89	-

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2013 vs 2014 Statements of Comprehensive income

(Expressed in thousands of New Taiwan dollars)

Item	2013/JanDec.		2014/Ja	Growth rate	
	Amount	%	Amount	%	Growthrate
Operating revenue	131,307	100%	416,899	100%	217%
Operating cost	54,146	41%	181,726	44%	236%
Gross profit, net	77,161	59%	235,173	56%	205%
Operating expenses	58,465	45%	163,294	39%	179%
Operating profit	18,696	14%	71,879	17%	284%
Non-operating income and expenses	(356)	-	1,025	1%	-388%
Profit before income tax	18,340	14%	72,904	18%	298%
Income tax expenses	3,256	3%	12,358	3%	280%
Profit for the year	15,084	11%	60,546	15%	301%
EPS (in dollars)	1.46		3.96		

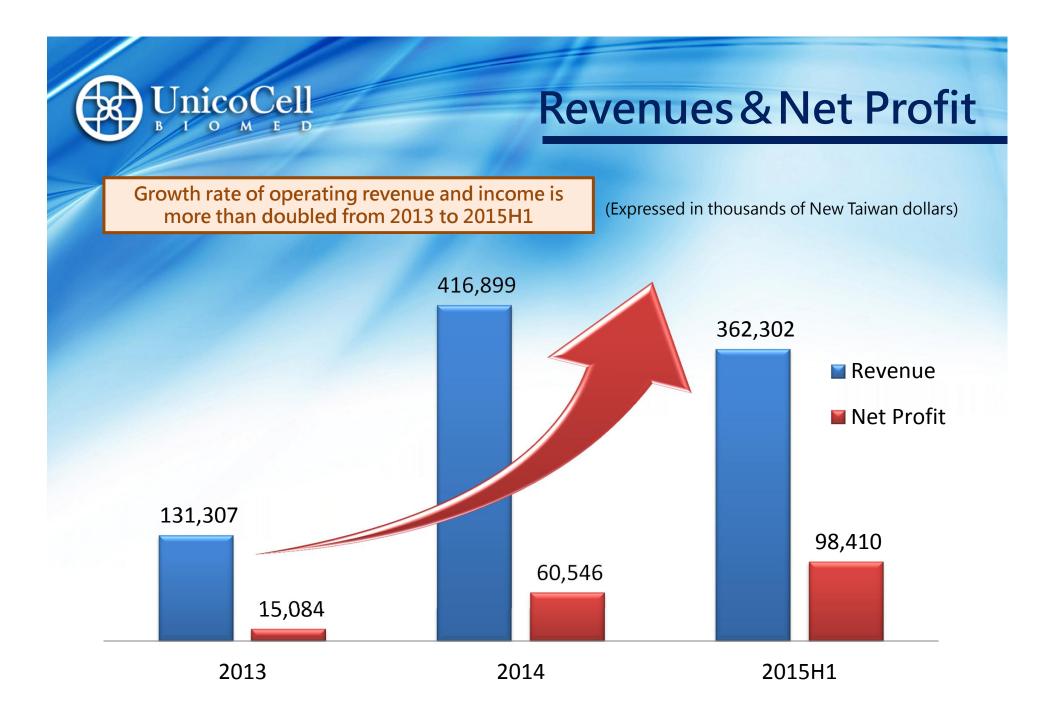
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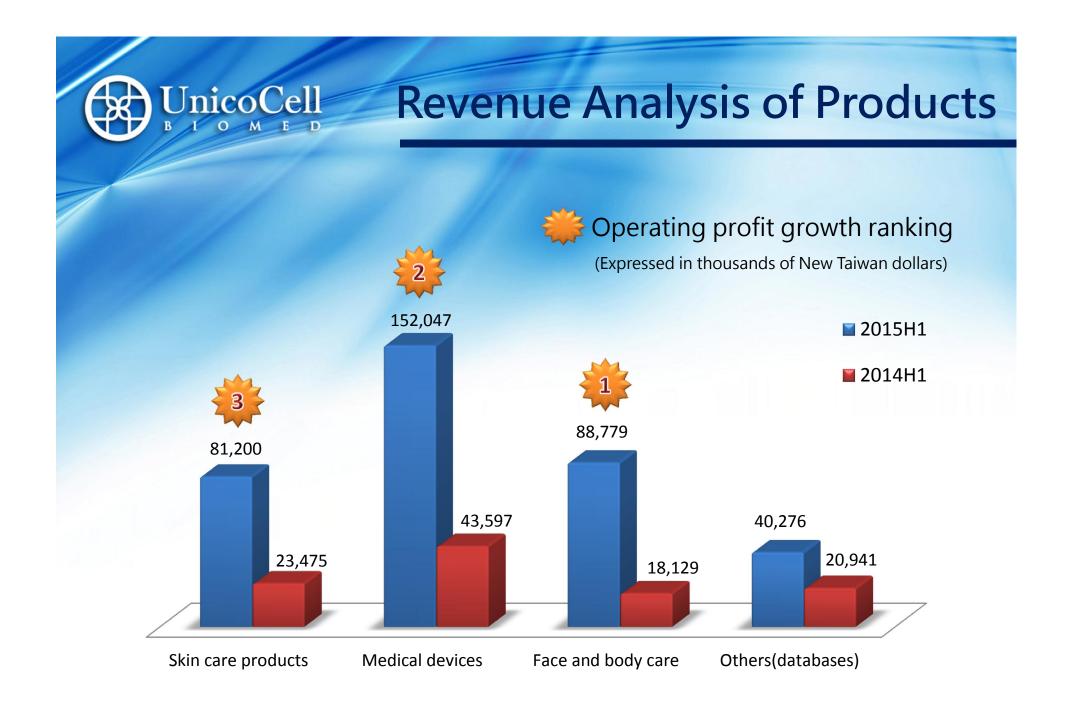


2014 H1 vs 2015 H1 Statements of Comprehensive Income (For the six-month)

(Expressed in thousands of New Taiwan dollars)

Item	2014/JanJune		2015/Ja	Growth rate	
	Amount	%	Amount	%	Growthrate
Operating revenue	106,142	100%	362,302	100%	241%
Operating cost	49,866	47%	163,271	45%	227%
Gross profit, net	56,276	53%	199,031	55%	254%
Operating expenses	48,188	46%	83,802	23%	74%
Operating profit	8,088	7%	115,229	32%	1325%
Non-operating income and expenses	13	-	2,367	-	18108%
Profit before income tax	8,101	7%	117,596	32%	1352%
Income tax expenses	1,279	1%	19,186	5%	1400%
Net profit	6,822	6%	98,410	27%	1343%
EPS (in dollars)	0.59		3.60		







Future medicine- Stem cells

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Differences between mesenchymal and hematopoietic stem cells

	Mesenchymal stem cells	Hematopoietic stem cells	
Abbreviation	MSC	HSC	
Function	Differentiating to -Adipose cells -Fibroblasts -Mytocytes -Osteocytes -Chondrocytes	Differentiating to Hematocytes and immunocytes	
Indication	-Type I Diabetes -Multiple Sclerosis -Skin cell activation -Hair regeneration -Skin ulcer -Organ engineering -Cell grafting -Neuron diseases	-Cerebral Palsy -Leukemia -Pre-leukemia -Lymphoma -Hemophagocytic syndrome -Myeloma	
Source	-Adipose tissue -Endodontium -Wharton's Jelly	-Umbilical cord blood -Bone marrow -Peripheral blood	



Hair regeneration -

Increased blood — nutrition provision

Liver function improved

Erectile dysfunction treatment

Cartilage and bone tissue repair

Retinal prosthesis Eye diseases treatment

Expected effects

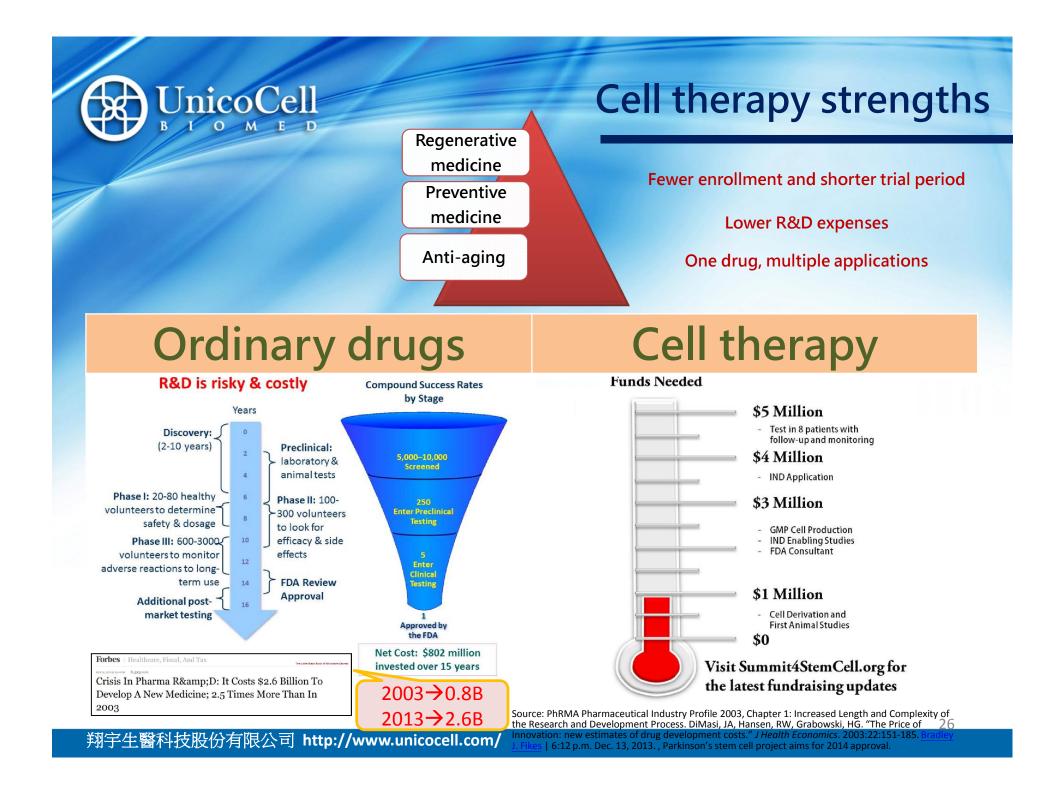
Damaged cardiac muscle repair

Insulin secretion Improved diabetes

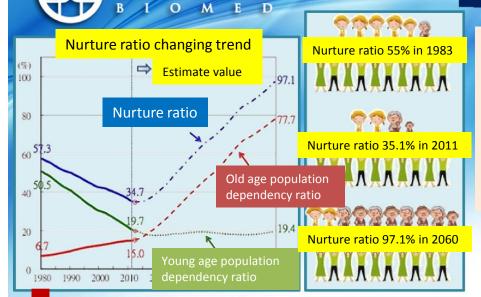
Delay rental failure

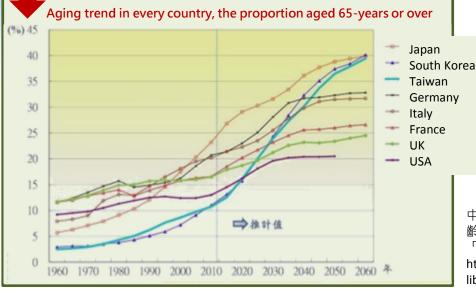
Osteoarthritis treatment

From Head to Toe



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Aging population demands

The Department of Economic and Social Affairs of the United Nations World Population Ageing report :

• Aging population is the global trend

- Elderly population will be more than child population in 2047
- Elderly care will become a main social and economic problem
- Elders live alone is getting more common
- Strengthening labor market policy and human resource investment

•The definition of elders (UN): over 60 years old (different from normal definition: >65 years old)

Nearly all the countries face the problem of aging population, especially the aging rate is the fastest in developing countries
The elderly population is 17.4% over the total population in Taiwan
The expected elderly population will be 43.6% in Taiwan in 2050
The aging rate in Taiwan is rapid, and the elderly population has been more than child population (0-14 years old) in 2011
Elders live alone: problems for elder financial safety and medical care
Currently it is demographic dividend, but working-age population has started to decrease after reaching a peak in 2015

中華民國2012年至2060年人口推計,行政院經濟建設委員會;聯合國世界人口高 齡化趨勢分析新聞稿;國發會人力發展處103年2月21日從「需求」、「供給」和 「資金」看台灣房價:文/House123邱愛莉 http://image.slidesharecdn.com/20130701libraryviews-130703190856-phpapp02/95/-13-638.jpg?cb=1430967908

Human stem cell products on the market

Country	Product name/ Company	Source	Indication	Year (on the market)
Europe EMA	ChondroCelect (Belgium TrGenix)	Autologous chondrocytes	Knee joint defect repair	2009.10
USA FDA	Prochymal (USA osiris)	Human allogenic bone marrow-derived MSC	GvHD and Crohn	2009.12
Australia TGA	MPC (Australia Mesoblast)	Autologous bone marrow- derived MSC	Bone repair	2010.07
USA FDA	Sipleucel-T (Provenge)	Dendrite-derived cells	Terminal prostate cancer	2011.04.29
Korea FDA	Hearticellgram-AMI (FCB-pharmicell)	Autologous bone marrow- derived MSC	Acute myocardial infarction (AMI)	2011.07
USA FDA	Hemacord (New York Blood center)	Umbilical cord blood-derived Hematopoietic stem cells	Genetic or Acquired hematopoietic system diseases	2011.11
Korea FDA	Cartistem (Medi-Post)	Umbilical cord blood- derived <mark>MSC</mark>	Osteoarthritis and knee cartilage damage	2012.01
Korea FDA	Cuepistem (Anterogen)	Autologous adipose-derived <mark>MSC</mark>	Complex Crohn's disease complicated with anal fistula	2012.01
Canada	Prochymal (USA osiris)	Bone marrow-derived stem cells	GvHD	2012.05

Remark: ranking is based on the NDA completion date

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2012.10.18 NARLabs 國家實驗研究院 科技政策研究與資訊中心



ELIXCYTE-OA potential market

★ USA

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- The production value of HA on the orthopedic market is close to 5.5 hundred million
- Osteoarthritis incidence is 80% among elders who are older than 75 years old
- The population of OA patients was 58 million in 2010, and will be more than 65 million in 2020

★ Europe

• The proportion of population aged 65 years or over is 18%, and the population of OA patients is predicted to reach 17.6% in 2015.

★ Taiwan

- The population of OA patients is around 4 million
- The demand for intra-articular injection solution is nearly 1.15 billion NTD in Taiwan

生醫材料夯材料-透明質酸之應用市場漫談,2012.08.28,IEK



ELIXCYTE-CKD potential market

Hemodialysis industrial scale USD 63.3 billion, 2009 USD 83.6 billion, 2013

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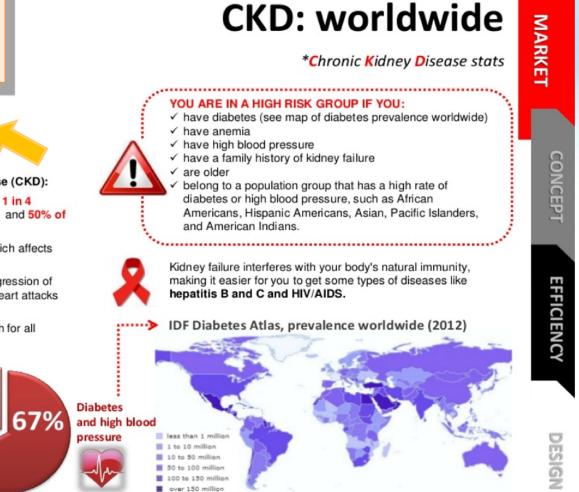
about 1 in 10 people have some degree of CKD

Other facts about Chronic Kidney Disease (CKD):

- It is estimated that about 1 in 5 men and 1 in 4 women between the ages of 65 and 74, and 50% of people aged 75 or more have CKD.
- Kidney disease causes hypertension, which affects 80% of kidney patients.
- Kidney disease also accelerates the progression of heart disease and increases the risk of heart attacks and heart-related death.
- Heart disease is the major cause of death for all people with CKD.

WHAT CAUSES CKD?

other factors



貿易TRADE MAGAZINE產業趨勢,

Data sources: National Kidney Foundation (NKF), www.kidney.org, www.idf.org/atlasmap

慢性病患激增洗腎市場飛速成長,孫慶龍,2013.6. N264

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33%

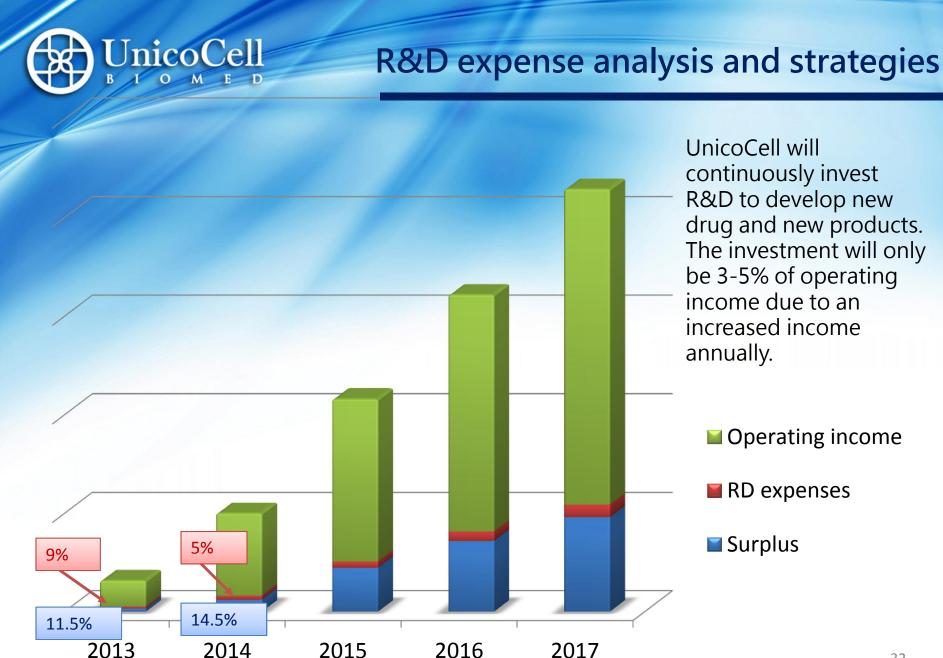
ELIXCYTE Marketing Schedule

	Indication	Preclinical	Phase I/II	Phase II/III	NDA/Market
ELIXCYTE	OA Knee			2017/2019	2020
ELIACTIE	CKD		2016/2017	2018/2020	2021
			-	-	

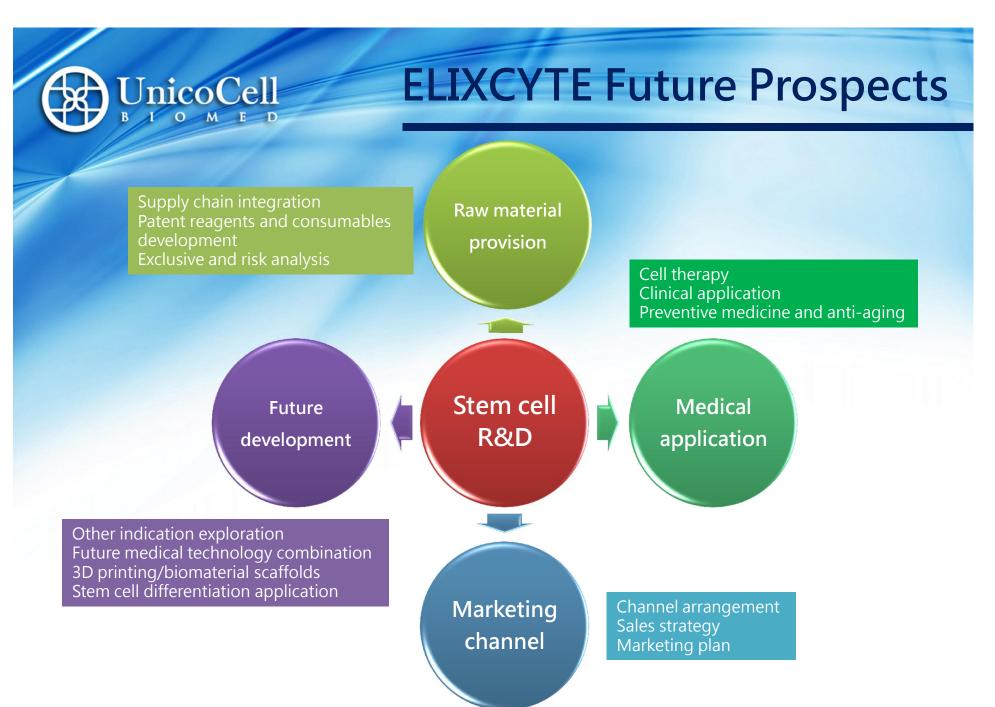
		Indication	Clinical use	Developing period
		OA	Pain relief Reduced chemical drug use Cartilage repair and proliferation	IND-Phase I/II conduction Phase II/III preparation Multiple dose efficacy
	ELIXCYTE	CKD	Kidney cell differentiation and proliferation (glomerular mesenchymal cells, epithelial cells, endothelial cells and etc.) Islet-like cell differentiation Immunomodulation	Pre-clinical experimental protocol completion Pre-clinical preparation CDE consulting

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Strengths and future prospects

China and South-east Asian market expansion (long term)

- Completing NDA in Taiwan, Japan, and China

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Expanding to
 Singapore and South east Asian markets

Innovation Development (mid-long term)

Establishing stem cell operation in Japan
 Conducting stem cell clinical trials in Taiwan, Japan, and China
 Establishing online
 Aesthetic medicine (medium term)
 Expanding collaboration with aesthetic medical channel
 Applying and obtaining

- Establishing online shopping platform and aesthetic medical channel certificates for medical devices franchises

- Developing health food

Aesthetic medicine channel establishment (medium term)

Initial Public Offer (short term)

- Improving organization, finance, management, and internal control system.

- Applying IPO in 2016

products

for stem cell relative

Thank you for your attention