台灣健康產業國際行銷策略

Prof. Chung-Liang Chien

College of Medicine, National Taiwan University
Institute for Biotechnology and Medicine Industry

社團法人國家生技醫療產業策進會 (IBMI)

Established Year: 2002

·**Board of Members:** Government Officials/ Leaders from Academia and Medical Centers/ Industrialist

Founded by the former president of the Legislative Yuan of Taiwan, Mr Jin-Pyng Wang, IBMI is an independent, not-for-profit organization voicing Taiwan-based health care industry, promoting interdisciplinary collaborations through its global platform, and creating policy dialogues between public and private sectors. On top of that, IBMI is also a trusted awarding and certification body to health care providers and an incubator to health care startups in areas of novel technologies, services and innovations.

Founder
Jin-Pyng Wang

Former president of the Legislative Yuan, Taiwan

President
Chi-Huey Wong

Scripps Family Chair Professor of the Scripps Research Institute

Vice President
Barry Lam

Chairman & CEO Quanta Group

Vice President
Pan-Chyr Yang

Academician of Academia Sinica

Vice President
Chang-Hai Tsai

Chairman of the Board of China Medical University & Health Care System

Supervisor
Wei-Jao Chen

Professor Emeritus, Department of Surgery. National Taiwan University College of Medicine

Our Board

The board members consist of leaders from hospitals and R&D institutes, and C-level representatives from electronics, ICT, biotech and pharmaceutical sectors. Currently, IBMI has more than 400 members from across industries relating to health care.

Healthcare

Chang Gung Memorial Hospital
Changhua Christian Hospital
China Medical University Hospital
College of Medicine National Taiwan University
Hualien Tzu Chi Hospital
Kaohsiung Medical University Hospital
MacKay Memorial Hospital
National Cheng Kung University Hospital
National Defense Medical Center
Shin Kong Wu Ho-Su Memorial Hospital
Show Chwan Memorial Hospital
Taichung Veterans General Hospital
Taipei Medical University
Taipei Medical University-Shuang Ho Hospital
Ten-Chen Medical Group
Tri-Service General Hospital
Wei Gong Memorial Hospital

Research & development

Development Center of Biotechnology
Industrial Technology Research Institute
KPMG in Taiwan
National Health Research Institutes

I.B.M.I. Established in 2002

R.B.M.P

Established in 2009

Electronic & ICT

Advantech Co., Ltd.
Catcher Technology Co., Ltd.
Foxconn health technology business group
iKala Interactive Media Inc.
Pegatron Corp.
Powerchip Semiconductor Manufacturing Corp.
Qisda Corp.(BenQ)
Realtek Semiconductor Corp.
Topco Group
Wistron Corp.

Bio-Pharmaceutical

Bora Pharmaceuticals Ltd.
Maywufa Biopharma Group
Missioncare Medicine Co. Ltd.
St.Shine Optical Co., Ltd.
CHC Healthcare Group
Orient Pharma Co., Ltd.

380
Core Members

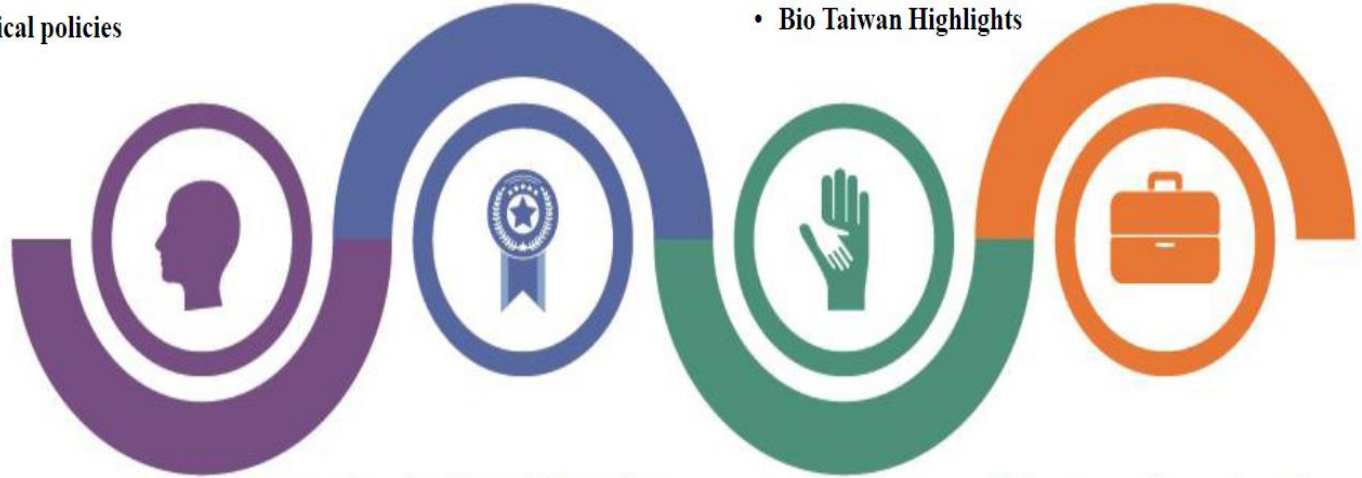
Integrate resources and promote the biomedical and healthcare industry

Policy Think Tank

- Act for the Development of Biotech and New Pharmaceuticals Industry.
- Cross-Strait Cooperation Agreement on Medicine and Public Health Affairs.
- Amendment of the Fundamental Science and Technology Act.
- The Human Biological Database Management Act
- Pharmaceutical Affairs Law and Medical Care Act
- 33 biomedical policies

Partnership & Collaboration

- Healthcare + Expo Taiwan
- Taiwan Healthcare + Portal
- MEDTEX Summit Asia
- International Hospital Leadership conference
- Bio Taiwan Highlights



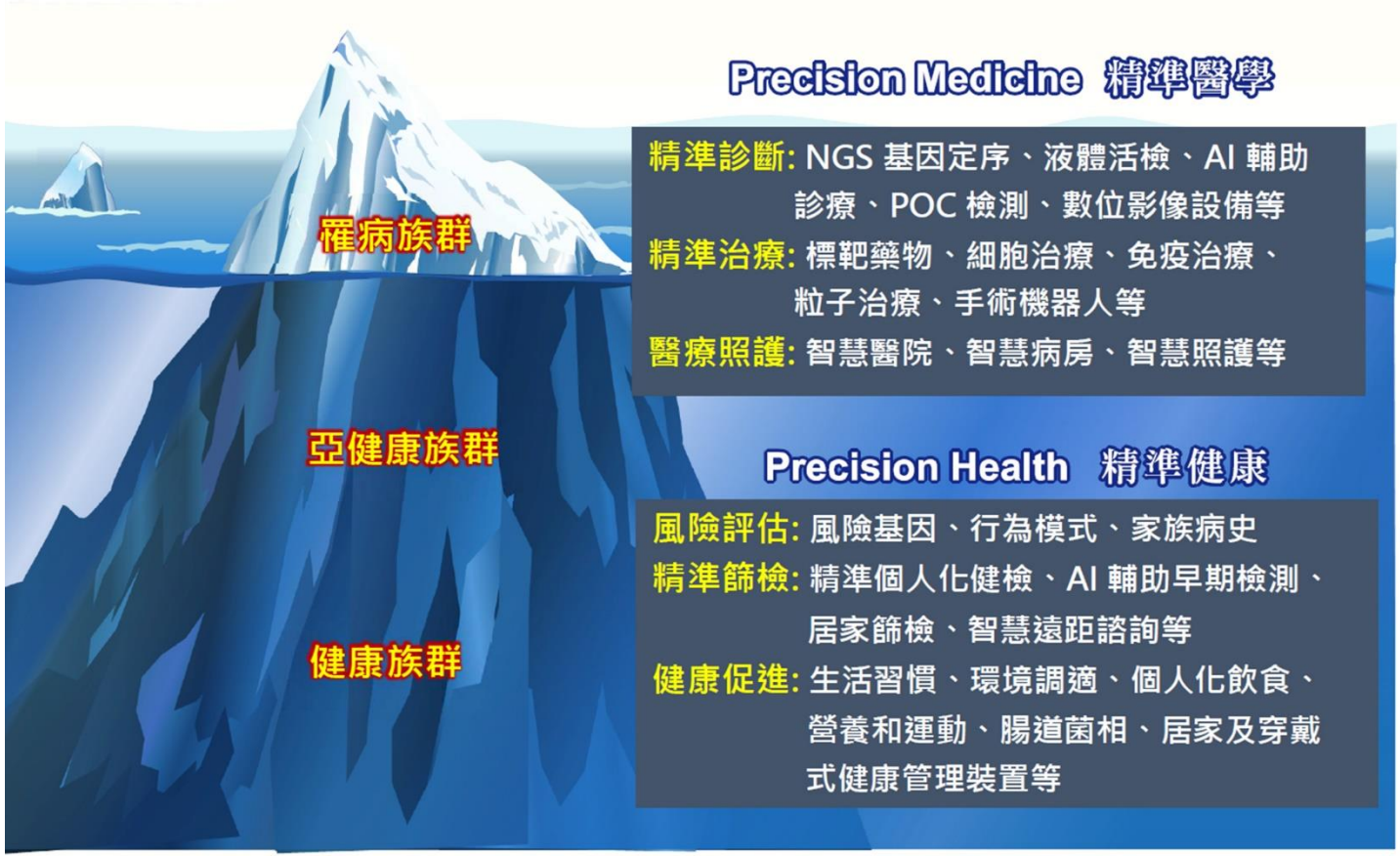
Awards & Certification

- Symbol of National Quality (SNQ) accreditation & certification
- National Innovation Awards

Startup Incubation

- Allied with 36 Universities & Research Institutes
- Startup Angel investment

精準醫學與精準健康:
誰是未來大健康產業的藍海?



Precision Medicine 精準醫學

精準診斷: NGS 基因定序、液體活檢、AI 輔助診療、POC 檢測、數位影像設備等

精準治療: 標靶藥物、細胞治療、免疫治療、粒子治療、手術機器人等

醫療照護: 智慧醫院、智慧病房、智慧照護等

Precision Health 精準健康

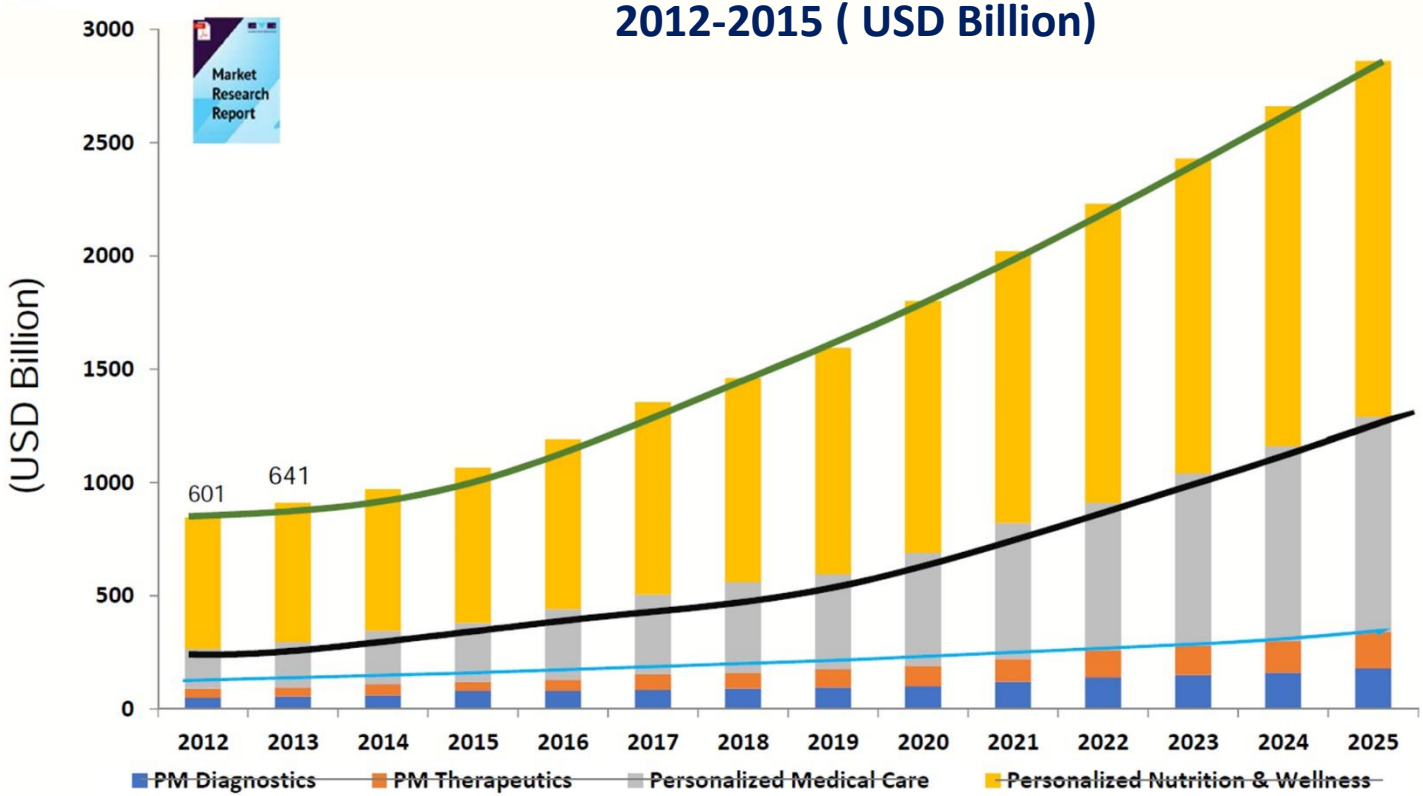
風險評估: 風險基因、行為模式、家族病史

精準篩檢: 精準個人化健檢、AI 輔助早期檢測、居家篩檢、智慧遠距諮詢等

健康促進: 生活習慣、環境調適、個人化飲食、營養和運動、腸道菌相、居家及穿戴式健康管理裝置等

Global Precision Healthcare Market
精準健康產業之市場預測

2012-2015 (USD Billion)



精準醫療　　健康福祉

Key drivers of Taiwan's healthcare industry

Advanced Medical Care

High Quality R&D and MFG

Strong ICT and Elec. Tech.

Advantages of Taiwan Medicine

- 99.6 % of Taiwan's 23.57 million people covered under the government-run National Health Insurance (NHI)
- Good accessibility-The NHI has a very high approval rate among Taiwanese people

- Out of 200 of the largest hospitals in the world, 14 are in Taiwan.
- Taiwan ranks third, just after the USA and Germany, in terms of medical service quality.
- shorter wait times for beds in large hospitals and medical centers

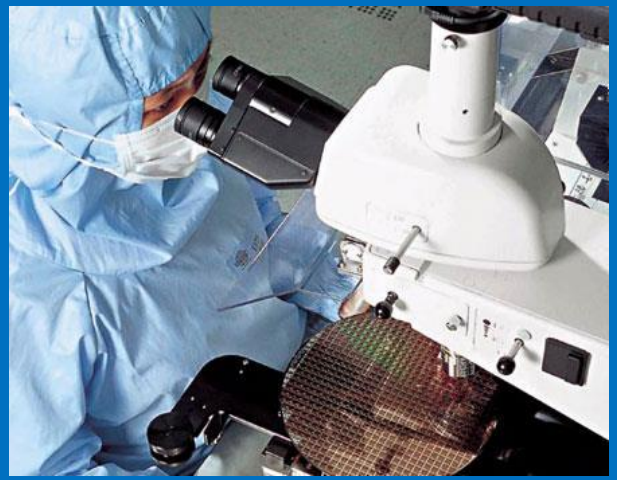
- National Health Insurance Research Database has been collected for more than 25 years (since 1995)
- Medical centers with complete medical record and imaging data

Advantages of Taiwan ICT industry

- World's densest and most technologically advanced semiconductor production base.
- The Major Procurement Center for Global ICT Companies & Buyers

- Rich manufacturing experience and outstanding technologies
- The heart of the world's tech supply chain, offering high-quality products from IC design, semiconductor, to electronics.

- Ranked 1st in Worldwide Major ICT product market share for more than 10 products
- High levels of hardware/ software integration capability for flexible production and rapid commercialization



ICT

Hospital

Smart Hospital

Healthcare IoT Platform

Health AI

Medical & Wearable Devices

Hospital Equipment

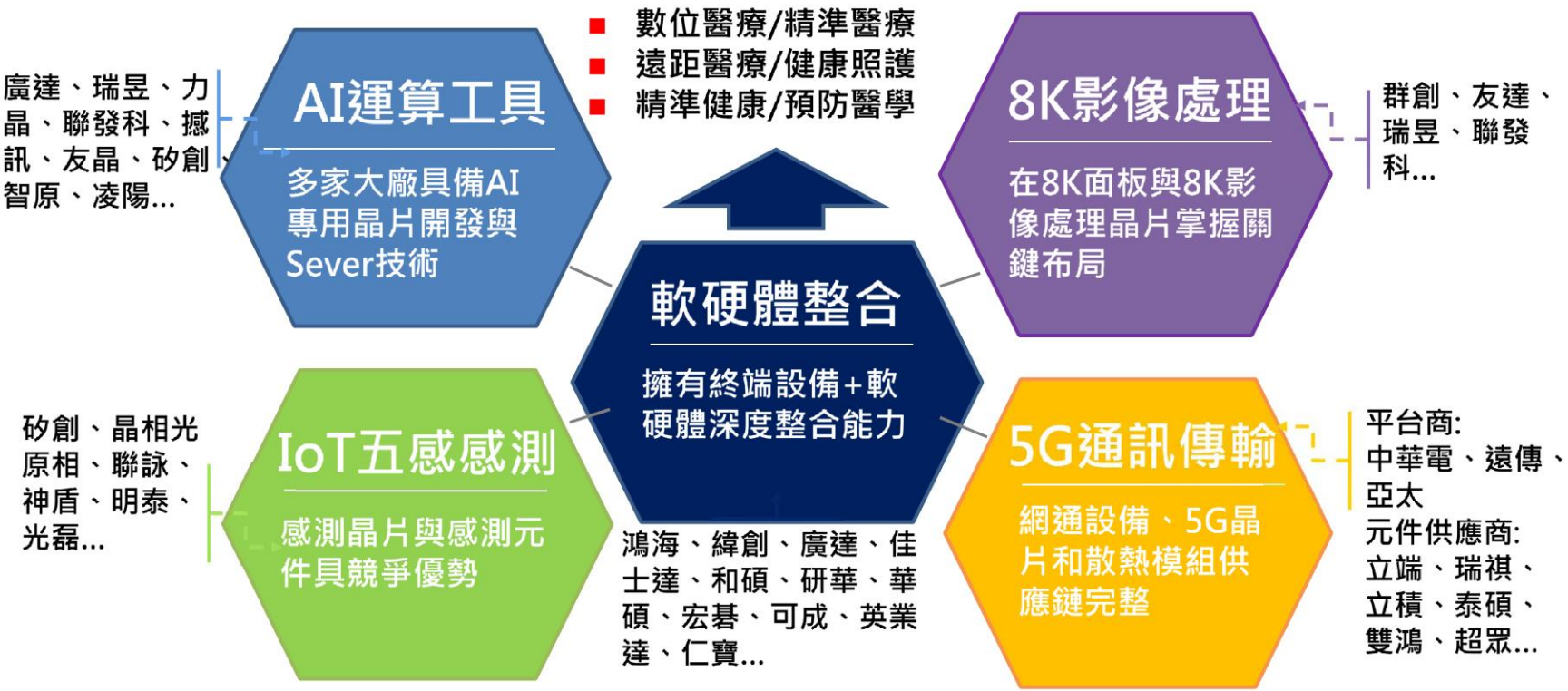
Taiwan's ICT Sector in Healthcare

Precision Healthcare Industry

	Mobile health	Medical equipment	Smart hospital	Gene/cell therapy	Biomedicine
Companies	acer, COMPAL, FOXCONN, Quanta Computer, TUL, htc, ASUS, Coretronic, LEADTEK, MiTAC	BenQ, Qisda, K LASER, LARGAN, LITEON, wistron, 5xLink, DELTA, RITEK	wistron, Quanta Computer, MiTAC, BenQ, Qisda, htc, ADVANTECH, iEi GROUP, Inventec, avalue	FOXCONN, acer, MetaTech, COMPA, Inventec, wistron	UMC, Powerchip 力晶科技, MEDIATEK, REALTEK, TUL, LEADTEK
Product pipelines	■Tele-healthcare ■IoT solutions ■Wearables ■Health management	■X ray/ultrasound ■Micro CT ■Surgical robots ■Capsule endoscopy ■Hemodialyzer ■Pathology/AI Image ■Vital sign monitor	■Smart ward/operating room ■Surgical VR ■AI solution ■HMS ■EMR / EHR ■Medical display	■DNA sequencer ■DNA microarray ■Protein & genetic testing ■CTC system ■Cellular therapy	■AI chip ■Biochip for gene sequencing ■RF & Wireless chip ■Biosensor ■Display component ■Organic semiconductor
Areas of application						

Source: IBMI

產業掌握翻轉醫療與健康科技的關鍵技術



Taiwan's Leading ICT Players are actively diversifying businesses into healthcare Industry.

Smart Hospital, Medical Robot, AI/ IoT Solutions, Imaging, Diagnostics, Home care & rehabilitation, Gene Sequencing, Cell Therapy, etc.

FOXCONN 鴻海科技集團 No. 24 of Fortune Global 500 No. 1 of EMS Providers Global	wistron No. 432 of Fortune Global 500 No. 5 of EMS Providers Global	BenQ Qisda Top 10 Electronic ODM Global Top 3 manufacturers of TFT-LCD	Quanta Computer No. 354 of Fortune Global 500
COMPAL No. 404 of Fortune Global 500 No. 1 of NB manufacturer Global	iEi GROUP 威強電集團 One of leading Industrial Computer Providers Global	TUL Technology Unlimited Top 3 Manufacturers of AMD Graphics Cards	英業達 Inventec One of Leading EMS-ODM Manufacturers Global
ASUS No. 5 of Best Laptop Brands 2018	acer No. 4 of PC manufacturer Global No. 4 of Best Laptop Brands 2018	Coretronic Top 3 DLP Projector Manufacturer One of Leading LCD Backlight Module Manufacturers Global	htc One of Leading Smartphone Brands Global
LITEON® Top 3 ODD manufacturers Top 10 EMS Providers Global	LARGAN World's leading smartphone camera lens supplier	DELTA One of leader in power and thermal management solutions in the world	中華電信 Chunghwa Telecom One of the Largest Telecommunications Services Taiwan

Featured Products

- **Medical Device**
  - Qflux Dialyzer
  - Hearing
  - Diagnostic Ultrasound
  - Transport Robot
  - Medical Consumables
- **Operating Room**
  - Surgical Tables
  - LED Surgical Light
  - Surgical Monitor
  - iQOR Digital System

Solutions

Smart Operation Room

ODM / OEM of Medical Device

Other Smart Healthcare Solutions

Fitness System → Smart Wearables

Smart Ward

Health Management System

Long-Term Care Monitoring Solution

ADVANTECH 研華科技

Featured Products

Medical Carts

Medical Computers

Medical Tablets

Medical Monitor

- Surgical Monitor
- Diagnostic Monitor
- Clinical Monitor

Intelligent Power System

- Medical Power Storage System
- Smart Battery Kit
- Intelligent Power Storage System

Smart Hospital Solutions

- Medical Workstation
- Smart Ward
- Smart Clinic
- Smart Nurse Station
- Medication Administration
- Telehealth Applications

Taiwan leading hospitals are expanding their productivity from building smart hospital…

彰化基督教醫院
CHANGHUA CHRISTIAN HOSPITAL

員林基督教醫院
Yuanlin Christian Hospital

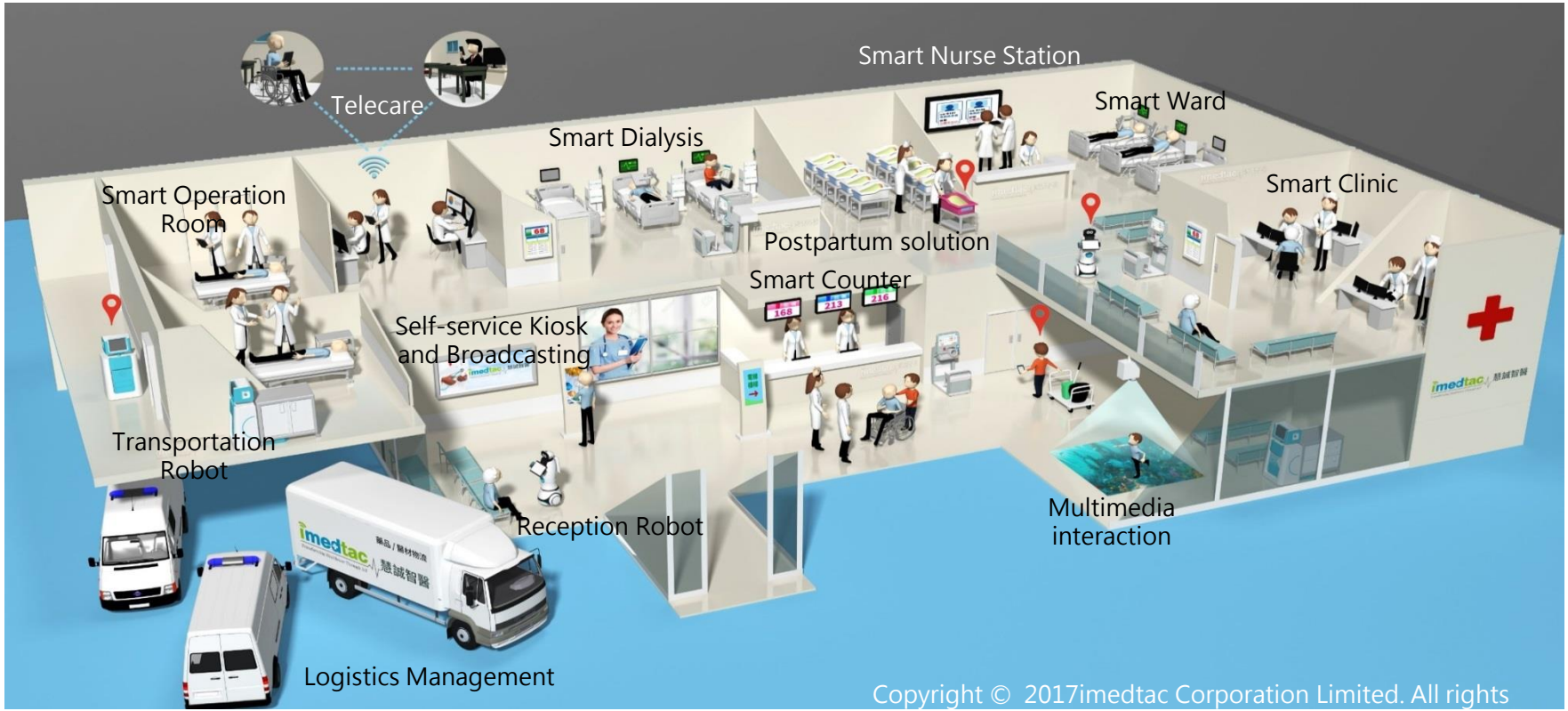
U.S. Green Building Council LEED Gold Level Certification on Dec, 2015

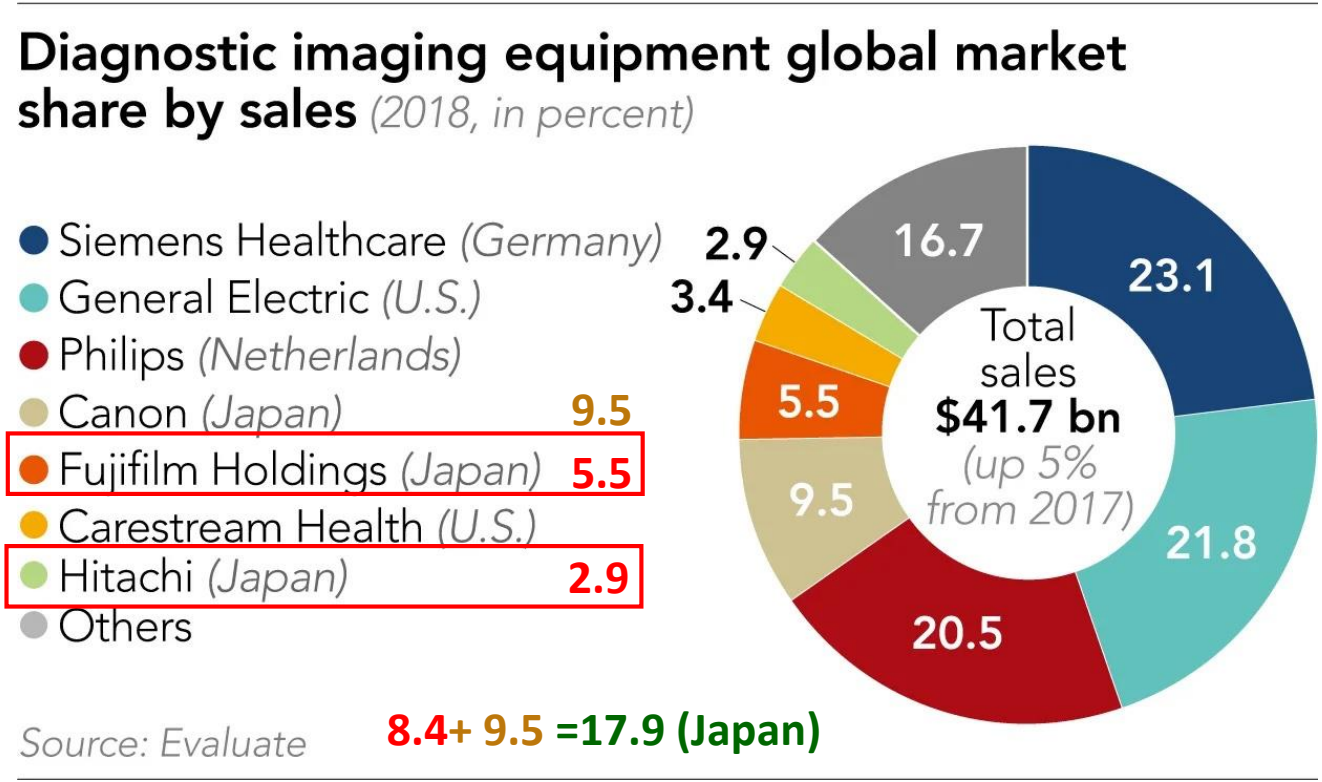
ICT Players launch products and solutions:

- Smart Nurse Station
- Smart Ward
- Smart Clinic
- Smart Counter
- Smart Dialysis
- Smart Operation Room
- Multimedia interaction
- Accompany robot
- Logistics Management
- …

Integrated Solutions in Smart Hospital

Modularized IoT for Hospital and Healthcare Application

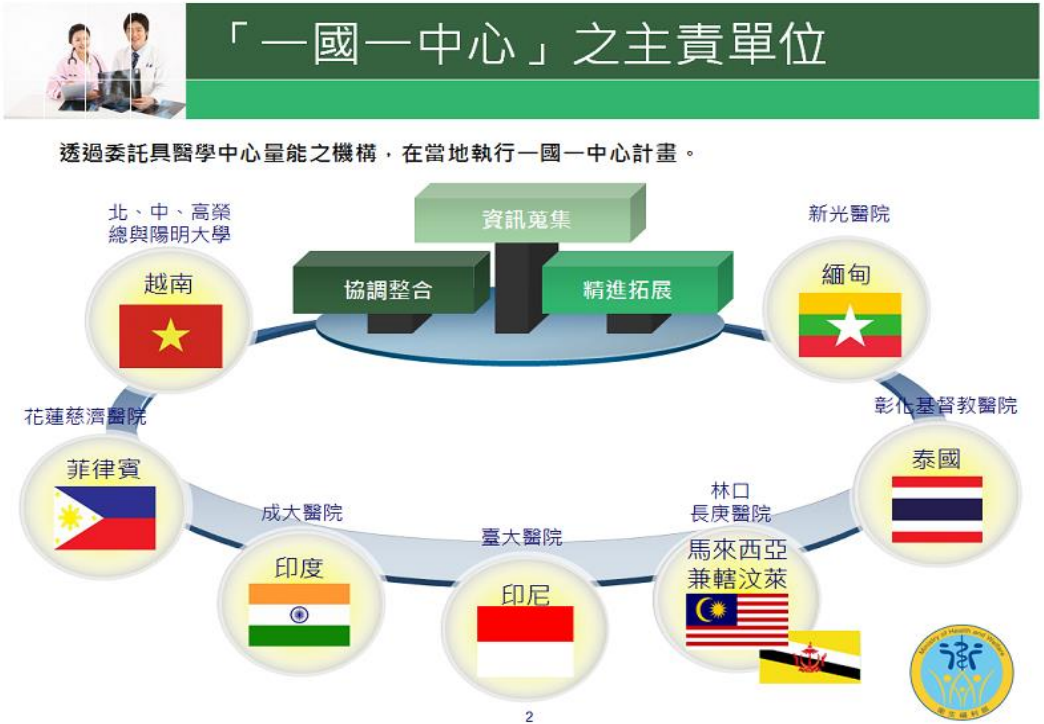




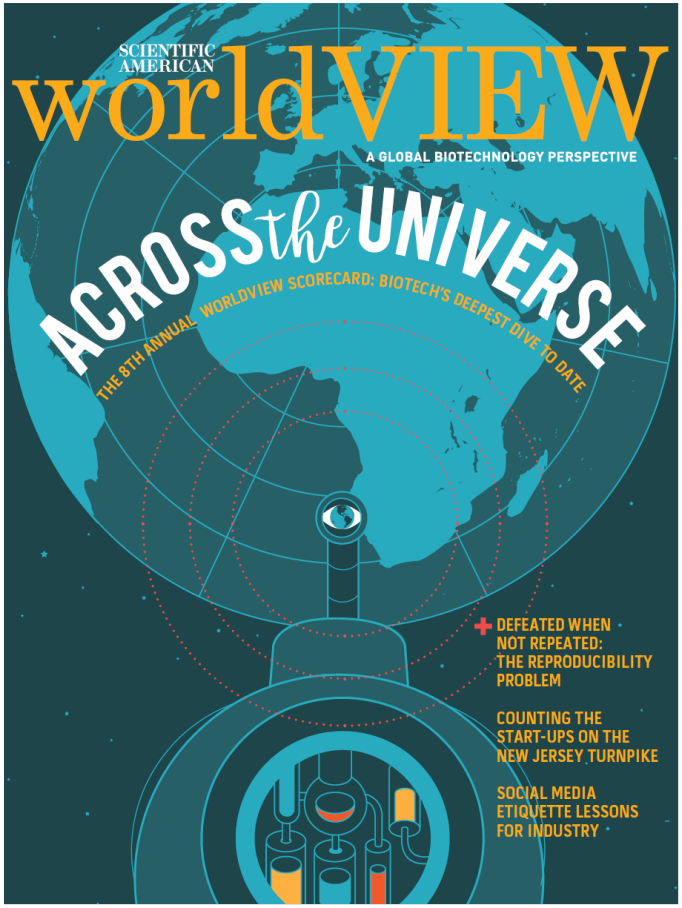
2 月 18 日，富士表示：「兩家企業合併後，會將各自影像處理和人工智慧軟體和日立超音波、MRI 結合，打包販售給醫療機構。」**To provide the total solution!**

- Taiwan has become the most important exporting Smart Hospital Solution country in Asia.
- Offer total solutions to assist Asia countries to build smart hospitals or improve hospital management effectiveness.

- Thailand (彰基)
- Malaysia (長庚)
- India (成大)
- Vietnam (榮總)
- Indonesia (台大)
- Philippine (慈濟)



2016 & 2020 Scientific American



- PRODUCTIVITY
- IP PROTECTION
- INTENSITY
- ENTERPRISE SUPPORT
- EDUCATION/WORKFORCE
- FOUNDATIONS
- POLICY & STABILITY

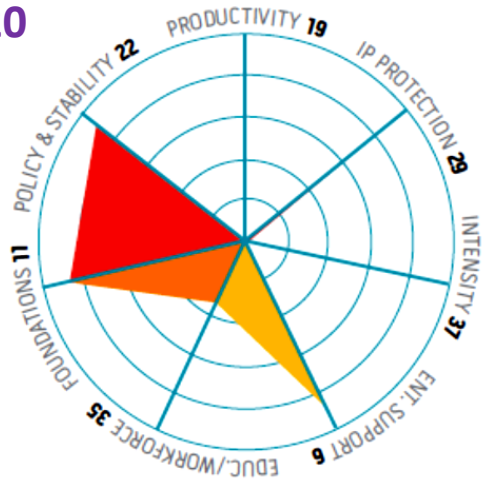
Enhanced with a new guidebook and region-specific ratings, the 2016 Scorecard ventures deeper than ever to track down the latest in biotech innovation

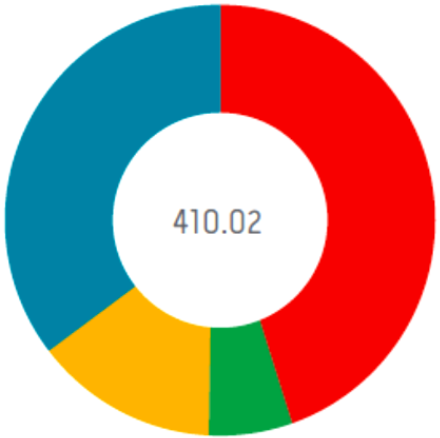
Taiwan,

Country Rank 23 / 54

2020

SAWV SC rank: 23
Population: 23,359,928
GDP: 489
R&D/GDP: 0

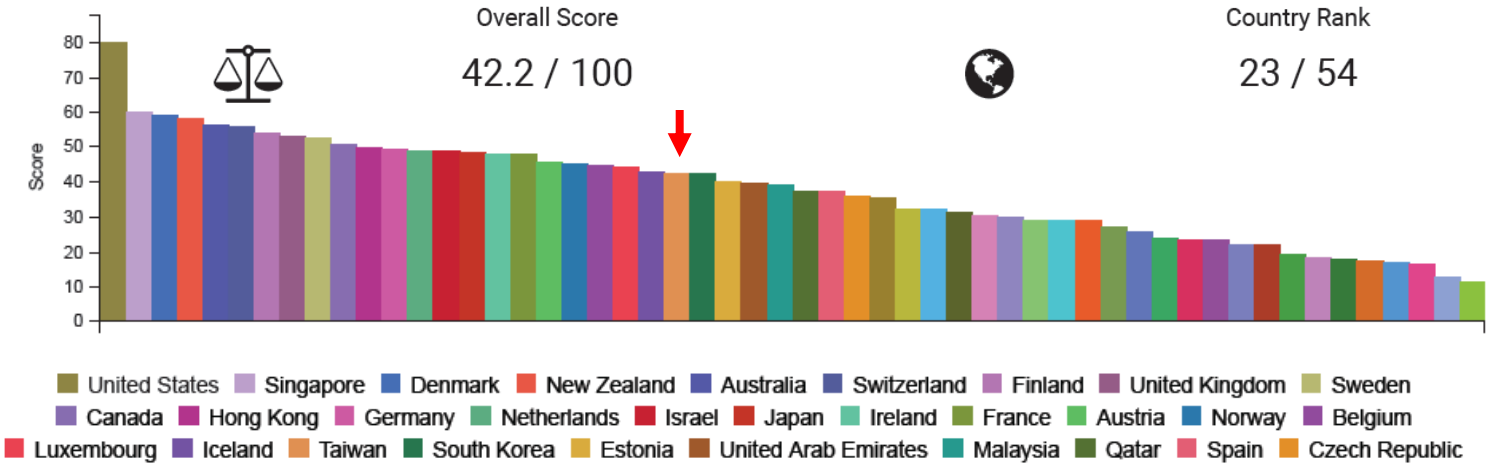




With an overall average of 22.4 on the SC, Taiwan's ranking of 23rd in 2016 is just about on par, and it performs even better on the *Nature Index 2015 Global*, with an 18th place overall ranking and its National Taiwan University landing in the top 100. Moreover, Taiwan advertises its biotechnology capabilities through international events, including BioTaiwan 2016. This will be the 14th annual event, and it will include presentations from companies around the world, as well as one-on-one partnering, seminars and workshops. A large exhibition is also expected, including more than 1,200 booths from 600 companies. On August 20, 2015, *Taiwan Today* reported, "A wide-ranging development plan targeting Taiwan's biotechnology-based economy is set to kick off next year, according to Premier Mao Chi-kuo." The report continued: "Focusing on agriculture, biomedicine, food, health care and medical instruments, the 10 year initiative will potentially expand the scale of the local bioeconomy to NT$4 trillion (US$123.2 billion) in 2026." With respectable scores on the SC's Foundations and Enterprise Support categories, Taiwan's commitment to innovation is clear. Like many other countries, however, Taiwan's Education/Workforce category shows room for improvement.

Source data from *Scientific American Worldview* (http://www.saworldview.com)

Ranking Biotechnology in TAIWAN - 2020



Productivity	**Taiwan** scored 0.03/10, in *Productivity* which places it 17th of the 54 countries studied.
IP Protection	**Taiwan** scored 5.76/10, in *IP Protection* which places it 29th of the 54 countries studied.
Intensity	**Taiwan** scored 0.11/10, in *Intensity* which places it 37th of the 54 countries studied.
Enterprise Support	**Taiwan** scored 6.99/10, in *Enterprise Support* which places it 6th of the 54 countries studied.
Education and Workforce	**Taiwan** scored 2.57/10, in *Education and Workforce* which places it 34th of the 54 countries
Foundations	**Taiwan** scored 6.9/10, in *Foundations* which places it 11th of the 54 countries studied.
Policy and Stability	**Taiwan** scored 7.22/10, in *Policy and Stability* which places it 22nd of the 54 countries studied.

2016 Scientific American Worldview
-A Global Biotechnology Perspective

Asian Countries' Performance

Country	Global Ranking	Productivity	IP Protection	Intensity	Enterprise Support	Education/ Workforce	Foundations	Policy & Stability
Singapore	2	---	8.3	3.8	9.2	4.5	6.6	9.6
Hong Kong	11	0.0	7.1	1.6	8.6	1.6	6.7	9.0
Japan	15	0.1	9.2	0.6	4.5	3.6	7.9	8.0
Taiwan (Score/Rank)	23	0.0/19	5.8/29	0.1/37	7.0/6	2.6/35	6.9/11	7.2/22
South Korea	24	---	5.6	0.6	4.8	3.9	8.3	6.3
Malaysia	27	---	5.5	1.1	8.0	2.1	4.9	5.9
China	41	0.1	4.7	0.6	4.5	1.3	4.0	2.9
Thailand	45	---	2.3	3.0	3.4	2.7	3.0	1.8
India	49	0.0	4.3	0.8	3.5	0.2	1.6	2.0

Source: 2016 Scientific American Worldview

CATEGORY QUICK GUIDE

SCIENTIFIC AMERICAN worldVIEW
A GLOBAL BIOTECHNOLOGY PERSPECTIVE

#1 PRODUCTIVITY *Publicly traded biotechnology companies and output*

1.1 Public company revenues (US$mm)
1.2 Public companies

#2 IP PROTECTION *Quantitative and qualitative intellectual property protection*

2.1 Patent strength
2.2 Perceived IP protection

#3 INTENSITY *Effort in biotechnology innovation*

3.1 Public companies / million population
3.2 Public company employees / capita
3.3 Public company revenues / $B GDP
3.4 Biotech patents / total patents filed with PCT
3.5 Value added of knowledge- and technology-intensive industries
3.6 Business expenditures on biotechnology R&D

#4 ENTERPRISE SUPPORT *Business environment and capital availability*

4.1 Business friendly environment (higher = better)
4.2 Biotech VC, 2007 ($mm)
4.3 VC availability
4.4 Capital availability

#5 EDUCATION/WORKFORCE *People trained in biotechnology*

5.1 Post-secondary science graduates / capita
5.2 Ph.D. graduates in life sciences per million population
5.3 R&D personnel per thousand employment
5.4 Talent retention (reciprocal of brain drain)
5.5 Brain gain (share of global students studying outside their country)

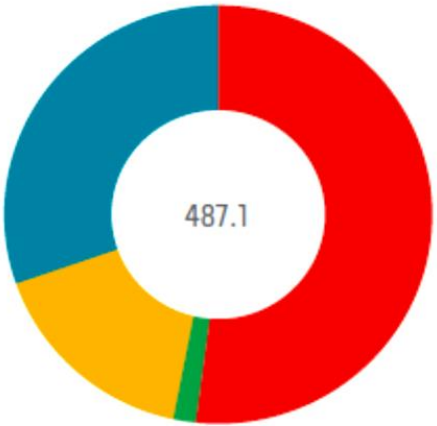
#6 FOUNDATIONS *Infrastructure and R&D drivers*

6.1 Business expenditures on R&D (% of GDP)
6.2 Gross domestic expenditure on R&D (% of GDP)
6.3 Infrastructure quality (roads, ports, electricity, etc.)
6.4 Entrepreneurship and opportunity

#7 POLICY & STABILITY *Government control*

7.1 Political stability and absence of violence/terrorism
7.2 Government effectiveness
7.3 Regulatory quality
7.4 Rule of law

Source data from *Scientific American Worldview* (http://www.saworldview.com)



Singapore

SAWV SC rank: 2
Population: 5,567,301
GDP: 298
R&D/GDP: 2

Singapore can boast a top 10 finish throughout the SC's history, and a top five finish in every year except 2011. It also scores well on other measurements: 15th for output in the *Nature Index 2015 Global*, with more than half of the publications in chemistry; and fifth on the 2015 BCI index, which stated: "Singapore has relatively strong capabilities in R&D and manufacturing, with most of the necessary regulatory frameworks and safeguards in place and in line with international best practices." In part, ongoing investment in science and technology explains Singapore's high ranking. On January 12, 2016, for example, *ScienceInsider* reported, "The government of Singapore has announced that it plans to spend [US$13.2 billion] on research and development between 2016 and 2020." In addition, the National University of Singapore opened a US$25 million synthetic biology center on September 30, 2015. Other news reveals the allure of Singapore as an international leader in science. For instance, Rockefeller University plant molecular biologist Nam-Hai Chua announced plans to move his research—exploring plant RNA's impact on drought tolerance—to Singapore's Temasek Life Sciences Laboratory. Indeed, Singapore is a go-to country for biotechnology research, as well as for R&D in general.

In part, ongoing investment in science and technology explains Singapore's high ranking.

Country Rank

2 / 54

2020

The top-ranked countries in *Government effectiveness* are Singapore, Switzerland, and Finland.

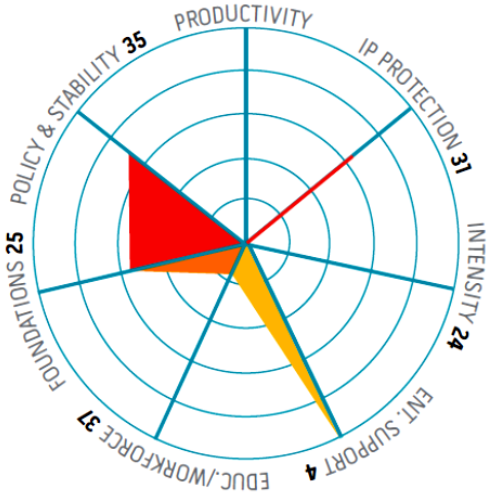
新加坡：非常積極推動生技產業國際鏈結，已成功扮演亞太地區領頭羊的角色。針對國際華人健康市場之拓展，臺灣是可以嘗試與新加坡合作，創造雙贏的機會。

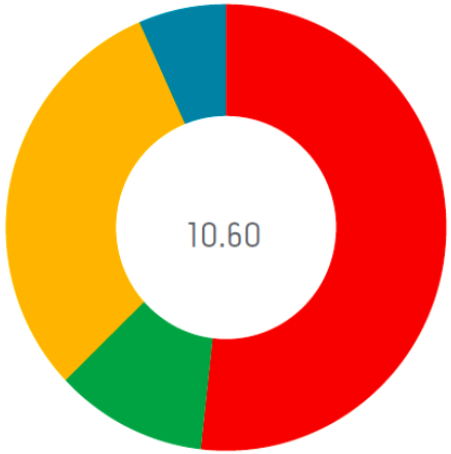
The top-ranked countries in *Regulatory quality* are Singapore, Australia, Canada, Finland, Hong Kong, New Zealand, and the United Kingdom. Source data from *Scientific American Worldview* (http://www.saworldview.com)

2019年5月23日新加坡 Medtech Connect 論壇

SGINNOVATE

SGInnovate interview: https://youtu.be/3ktQSyfe7n0





Malaysia

Country Rank

27 / 54

2020

SAWV SC rank: 27

Population: 30,073,353

GDP: 313

R&D/GDP: 1.13

In most years since 2011, Malaysia ranked in the high 20s on the SC. According to Ganesh Kishore, CEO of the Malaysian Life Sciences Capital Fund: "The country continues to actively invest in biotech. The private sector and especially the large-cap private sector is investing in innovation both directly and indirectly—via venture capital firms. Two areas deserve special recognition. One, Sentinext, the vaccine-development company, has advanced its virus-like particle, or VLP, platform for enteroviruses to the Phase I clinical trial stage. This is a first for a Malaysian company and one of the few companies with a platform VLP technology. Second, the Malaysian Palm Oil Board, in collaboration with U.S.-based Orion Genomics, has made a substantial breakthrough in understanding the mantling phenotype in oil palm. The technology is critical to eliminating off types at early stages of clonal propagation of oil palm." He adds, "Despite the rapid decline in global commodity prices and the depreciation of the Ringgit against the U.S. dollar, Malaysian leadership continues to invest in life science entities. It is a testament to the level of commitment by the leadership of the country and its business community. It also acknowledges that the country needs to offer innovation based–value added offerings to be globally competitive."

馬來西亞：是臺灣拓展回教世界生技產業市場的可能跳板。就醫療體系服務而言，臺灣優質之高階健檢與癌症治療對馬來西亞僑胞是非常具有吸引力的。

*The top-ranked countries in *VC availability* are Qatar, Malaysia, Finland, Israel, Singapore, and the United States.

Source data from *Scientific American Worldview* (http://www.saworldview.com)

2019年3月15日生策會與長庚醫院拜會馬來西亞私立醫院協會會長執行長

受邀參加馬來西亞 BioUsahawan 生技大會，參與 How Technology Transform the agriculture industry 座談會。

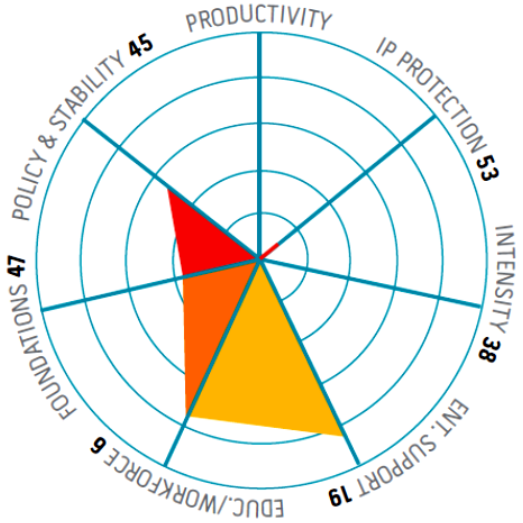
Thailand

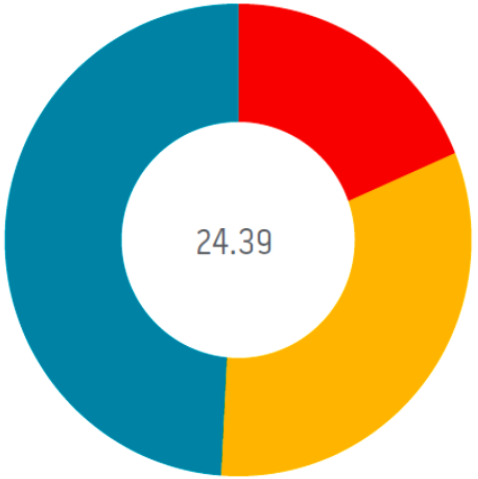
Country Rank

45 / 54

2020

SAWV SC rank: 45
Population: 67,741,401
GDP: 387
R&D/GDP: 0.39





Between 2014 and 2016, Thailand bounced around the 40s in the SC rankings—from low to high and back to the mid-40s. Even so, this is a far better showing than its bottom-of-the-list performance in 2013. Similarly, Thailand ranked 42nd on the *Nature Index 2015 Global*. On the plus side, its National Biotechnology Policy Framework aims to push the country much higher as an international force in the industry. In particular, that framework seeks to improve biotechnology education and training. Among the SC categories, Thailand already performs the best in Education/Workforce, and the government's plans could improve that capability even more. Experts are applauding Thailand's efforts so far, and express tempered optimism about its future prospects. A September 2015 USDA GAIN Report stated: "Thailand made some progress in 2015 on laying out a draft regulatory framework on adopting agricultural biotechnology. Thai biotech proponents are likely to gain more support from policy makers in both government and parliament. However, it may take a few years to revoke a ban on biotech field trials in the country." Like many other countries that perform poorly on the SC, Thailand needs to drastically improve its IP Protection, as well as its reputation in the SC category of Policy & Stability. A strong biotechnology industry must do well in these areas.

泰國：是臺灣可與合作共同拓展國際生技產業的夥伴。特別在農業食品生技與國際醫療服務領域，或將有助營造互利共贏之機會。

The top-ranked countries in *Talent retention* are Saudi Arabia, Thailand, and Chile.

Source data from *Scientific American Worldview* (http://www.saworldview.com)

2019年7月10日生策會到泰國曼谷，受泰國醫材公會邀請演講，介紹 Taiwan Healthcare Plus

2019年7月11日參加彰化基督教醫院籌劃在曼谷東協醫材展上舉辦的臺灣醫材產品說明會

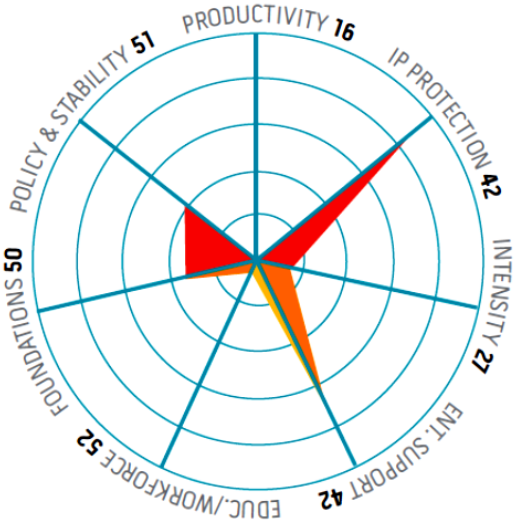
India

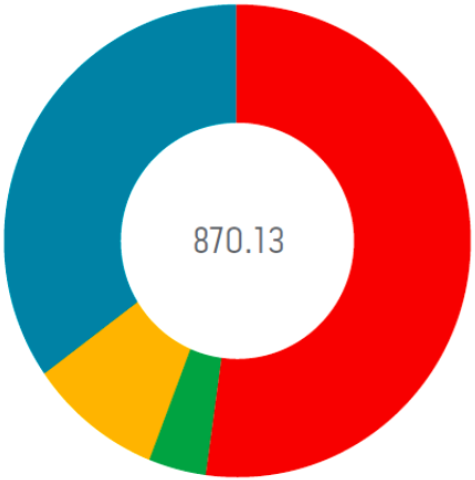
Country Rank

49 / 54

2020

SAWV SC rank: 49
Population: 1,236,344,631
GDP: 1,877
R&D/GDP: 0.82





If effort alone equated with success in biotechnology, India might top the SC and other indices. At the end of 2015, India released a new National Biotechnology Development Strategy, and some of its key goals included generating biotechnology products, increasing bio-manufacturing and producing biofuels. In fact, Shell India Markets plans to build a biofuel plant in Bangalore. Its 13th place ranking on the ***Nature Index 2015 Global*** suggests that some of India's efforts are paying off. Also, on January 8, 2016, an online article from *Nature Biotechnology* reported: "Most new companies emerging in the GM field are based in the United States and in Asia, especially India, whereas public developers of the technology are appearing in India and China." Nonetheless, the 2015 BCI described India as facing a "struggling ability to compete," and noted: "India possesses the foundation and potential for becoming a hub of biopharmaceutical innovation—but currently faces several major structural barriers to moving up from the bottom ranks in biomedical competitiveness. Local executives particularly noted the presence of major regulatory deficiencies and bottlenecks and very limited coverage of medicines, even with costs driven down. In addition, they highlighted major gaps in India's biopharmaceutical IP protection that render the system overall ineffective."

印度：在國際產業市場佈局上是不容忽視的人口大國，特別是與人密切相關的健康產業。與印度還算友善的臺灣可仿效日本模式，先投資在人才，再拓展未來廣大的市場。

India scored 0.03/10, in *Productivity* which places it 17th of the 54 countries studied. India was tied with Finland and Ireland and Taiwan.

India scored 0.77/10, in *Intensity* which places it 26th of the 54 countries studied. India scored ahead of China and Austria.

Source data from *Scientific American Worldview* (http://www.saworldview.com)

2019年5月14日 參加印度經貿訪問團在Bangalore 的招商活動。並參與竹科管理局在 Bangalore 主辦的 Taiwan-India Medical Cooperation Forum.

印度理工學院海得拉巴校區

Indian Institute of Technology Hyderabad is a public technical and research university located in Sangareddy district, Telangana, India.

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

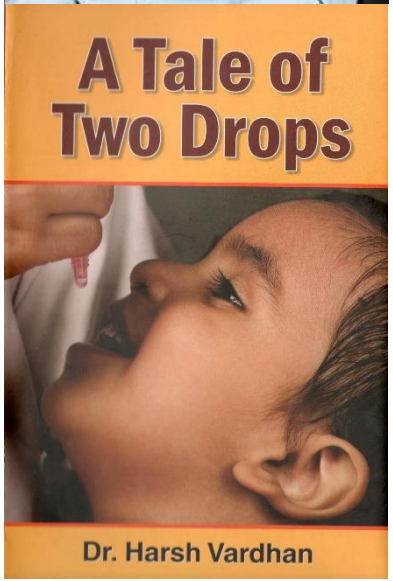
Japan International Cooperation Agency

IITH-JICA

PhD Scholarship

Dr. Harsh Vardhan is an Indian Otorhinolaryngologist and the incumbent **Minister of Health and Family Welfare**, **Minister of Science and Technology** and **Minister of Earth Sciences**.

Dr. Harsh Vardhan was elected to the office of Chairperson of Executive Board of the World Health Organization from May 22, 2020.



2015-07-20 科技部錢宗良次長及田中光大使拜會印度科技部長 Hon. Harsh Vardhan。Hon. Vardhan部長並於會中致贈著作” A Tale of Two Drops”予錢次長及田大使。

Dr. Guljit Chaudhri Chief, Managing Director of Innonation,

ABLE (Association of Biotechnology Led Enterprises)

Guljit started her career with international business, strategic alliances including joint ventures and domestic marketing of pharmaceuticals.

India: one of the observers of ICH*.

*The International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use (ICH)

2019-05-17 拜訪 Invest Inida，邀請 Dr. Guljit Chaudhri 來台灣參加 EXPO

2019-12-05 Dr. Guljit Chaudhri 來台參加Taiwan Healthcare EXPO

印度在全球仿製藥市場佔據主導地位，2017年/18年度(4-3月)藥品出口規模達到173億美元，包括對美國和歐盟的出口。其中對中國的出口僅佔1%。

2018年7月18日，中國國務院總理李克強就電影《我不是藥神》引發輿論熱議作出批示，要求有關部門加快落實抗癌藥降價保供等相關醫療改革措施。

Taiwan Healthcare

I.B.M.I. R.B.M.P

Bring together & Link together!

2019 Healthcare EXPO · TAIWAN

2019 MEDTEX Summit Asia- Global Initiatives, Opportunities and Go-To-Market Strategies

23,600+ Professionals

2,800+ International Professionals

International Delegations

28 Industry Association

52 Hospital & Medical Institutes

1200+ Attendees

MED TEX Med x Tech Summit Asia

12 Medical Conferences

106,769+
參觀人次

23,800+
國內專業人士

19,800+
國內一般民眾

30 位
國際產業協會

1,800 位
重磅會議論壇

Healthcare EXPO · TAIWAN 2020.12.03-12.06 台灣醫療科技展

- **舉辦時間**：2020年12月3日(週四)-12月6日(週日)
- **展會地點**：台北南港展覽館1館4樓
- **主辦單位**：生策會、生策中心、衛生福利部、經濟部、科技部
  農委會、台北市政府
- **展會定位**：亞太最強醫療x科技合作基地
  跨界醫療創新帶動精準大健康產業新未來
- **展會規模**：共1558展位
- **與會規模**：國內產業專業人士與民眾預計超過十萬人次觀展
- **合作學會**：台灣臨床病理暨檢驗醫學會、台灣微生物學會、台灣皮膚科醫學會、台灣運動醫學學會、台灣整合照護學會、中華民國醫師公會全國聯合會、中華民國醫事放射師公會全國聯合會、中華民國護理師護士公會全國聯合會、中華民國物理治療師公會全國聯合會、營養師公會

8大主題

550個參展機構與企業、1580個展位

2大特展

InnoZone 創新技術特展 150個新創技術團隊

50大防疫創新科技特展

教育部生醫產業與新農業跨領域人才培育計畫

Training Program for Interdisciplinary Talents of Biomedicine and New Agriculture

2020台灣醫療科技展-種子教師培訓說明會

針對精準醫學、智慧醫材、健康福祉、精準農業四大領域種子教師導覽培訓

種子教師將協助同學參觀展會，獲得產業見習之機會。

參與種子教師導覽之同學，將獲得主辦單位提供產業見習時數證明

歡迎各領域教師帶領同學參觀台灣醫療科技展！

培訓對象

本計畫各領域推動中心及夥伴學校計畫主持人及各校有興趣之教師

培訓時間

109.11.16 (一) 下午14:00-16:00

培訓地點

臺灣大學醫學院 101講堂 (台北市仁愛路一段一號)

種子教師報名方式 (截止日期11.06)

有完成報名者將獲得主辦單位提供

種子教師導覽手冊及VIP展會導覽證

說明會報名連結

需產業見習時數之同學請洽各校種子教師，由種子教師統一報名，以取得入場參觀證

計畫報名：**893**人

自由報名：**463**人

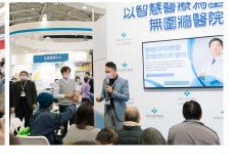
2020 Healthcare EXPO · TAIWAN 台灣醫療科技展

全台最大健康派對

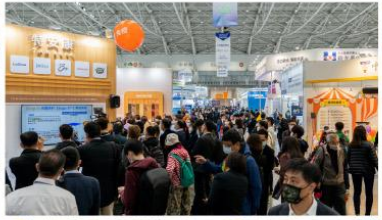
宅健人・動健康大賽

Health x Sport x Gaming

醫師聊健康 名醫黃金陣容健康解惑

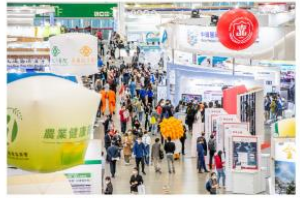


健康振興券 健康黑科技最新產品



Read more

展會活動精彩回顧



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Healthcare® EXPO · TAIWAN

2021.12.02-12.05

台灣醫療科技展

社團法人 國家生技醫療產業策進會 Institute for Biotechnology and Medicine Industry

財團法人 生技醫療科技政策研究中心 Research Center for Biotechnology and Medicine Policy

衛生福利部 Ministry of Health and Welfare

中華民國經濟部 Ministry of Economic Affairs, R.O.C.

MOST 科技部 Ministry of Science and Technology

行政院農業委員會 COUNCIL OF AGRICULTURE, EXECUTIVE YUAN

臺北市政府 Taipei City Government

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Branding Taiwan

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