

Taiwan Healthcare⁺

Connecting, Partnering and more!

**A portal leads to world-class medical teams and
excellent bio companies in Taiwan**

Chung-Liang Chien
CEO, Institute for Biotechnology and Medicine Industry



Funder
Jin-Pyng Wang
 Former president of Congress (1999-2016)



Honorary Chairman
Wei-Chao Chen
 Former President of National Taiwan University



Chairperson
San-Cheng Chang
 Former Premier



Vice Chairperson
Pan-Chyr Yang
 Former President of National Taiwan University



Chief Consultant
Chi-Huey Wong
 Former President of Academia Sinica
 2014 Wolf Prize Winner



Vice Chairperson
Wen-Chang Chang
 Chairman of the Board of Trustees of Taipei Medical University

About:

◆ Established Year

2002 (IBMI)/2009 (RBMP)

◆ Vision

Integrate resources and promote the biomedical and healthcare industry.

◆ Mission

Policy Think Tank

Global Partnering Platform

Award & Certification

Start-up Incubation

◆ Members 350

- **Industries:** High quality pharmaceutical and biotechnological community.
- **Hospitals:** Major National and private hospitals, Medical Centers and Regional Hospitals
- **Government Officials:** Ministry of economic affairs, Food and Drug Administration
- **R&D institutes:** Academia Sinica, Development center of Biotechnology, Center for Drug and Evaluation and More...

Missions

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
- Influence on 33 biomedical policies successfully improved the overall industrial regulations and administrative environment.

Start-up Incubation

- To promote and encourage the start up, we established the **National Innovation Award** to encourage the innovation of new technology.
- Every year, we evaluate around 150 novel ideas and technologies to select high potential projects for commercialization.

Award & Certification

- To ensure the safety and quality of medical services and biomedical products, we create the **Symbol of National Quality (SNQ)** certification system and the National Quality Awards

Global Partnering Platform

- We launched the **Taiwan Healthcare** online portal that integrates the best medical centers and biotech companies together and provides the global community with convenient access to find world-class medical teams and cutting-edge companies in the biomedical industry for potential partnerships and business opportunities.
- Now, **Taiwan Healthcare Expo** further connects medical, biotech, devices, electronics, IT, precision machinery, precision medicine, and health management industries together in one place.

Taiwan Healthcare⁺

Connecting all healthcare-related sectors together in one platform

Medic-All
Taiwan Healthcare⁺ Top-notch medical centers showcasing > 65 specialties

Bio B2B
Taiwan Healthcare⁺ Biomedical Companies showcasing > 400 technologies & products

Medic-All Taiwan Healthcare+


 亞東紀念醫院
FAR EASTERN MEMORIAL HOSPITAL


 臺中榮民總醫院
Taichung Veterans General Hospital

 中國醫藥大學附設醫院
China Medical University Hospital

 彰化基督教醫療財團法人
彰化基督教醫院
CHANGHUA CHRISTIAN MEDICAL FOUNDATION
CHANGHUA CHRISTIAN HOSPITAL

 高雄長庚紀念醫院
Kaohsiung Chang Gung Memorial Hospital

 Kaohsiung Medical University
Chung-Ho Memorial Hospital

 Kaohsiung Veterans General Hospital



National Taiwan University
Hospital



新光醫療財團法人
新光吳火獅紀念醫院
SHIN KONG WU IIO-SU MEMORIAL HOSPITAL



Taipei Veterans General Hospital



Tri-Service General Hospital



光田醫療 光田綜合醫院
社團法人 Kuang Tien General Hospital



佛教慈濟醫療財團法人
Buddhist Tzu Chi Medical Foundation



Chi Mei Hospital



For patients we provide high-quality, niche medical services, such as world-famous liver transplantation, craniofacial surgery, artificial reproductive technology, comprehensive minimally-invasive surgeries, and much more.

Patients from anywhere in the world can make an appointment directly with the medical team of their choice for an evaluation and subsequent medical treatment.

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- A background image showing a surgical team in an operating room. The surgeons are wearing blue scrubs and masks, and are focused on a patient lying on a table. The room is brightly lit with surgical lamps.
- Cancer Treatment
 - Cardiovascular Disease & Stroke
 - Dentistry
 - Diabetes & Chronic Kidney Disease
 - Ear, Nose & Throat
 - Fertility & Reproductive Health
 - Gastroenterology
 - Hepatology
 - Insomnia & Psychiatric
 - Neurology
 - Obstetrics & Gynecology
 - Orthopaedic
 - Pediatrics
 - Reconstructive & Plastic Surgery
 - Assisted Reproductive Technology
 - Minimally Invasive Cardiac Surgery
 - Catheter Ablation of Atrial Fibrillation
 - Living Donor Liver Transplantation
 - Complex Deformities Reconstruction
 - Dental implant surgery
 - Spinal Surgery
 - Epilepsy Surgeries



For medical professionals we provide hospital collaboration projects, including medical & clinical partnership and hospital management collaboration from leading medical centers in Taiwan.

Medical professionals can request collaboration directly with a medical team to discuss and evaluate opportunities.

Medical & Clinical Partnership

- Clinical Trial
- Research Collaboration
- Fellowship
- Physician Training
- Patient Transfer Collaboration

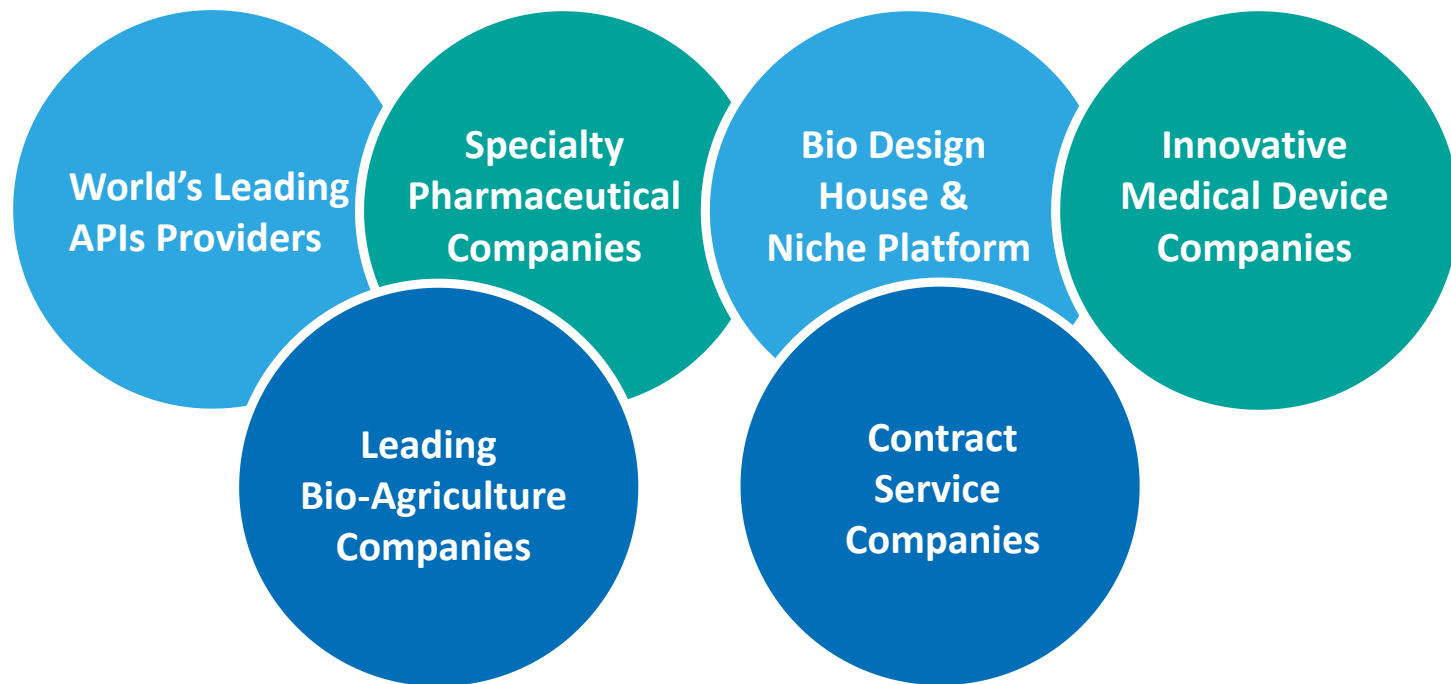
Hospital Management Collaboration

- Accreditation & External Evaluation
- Consultation & Training Program
- Hospital Contract Management
- Hospital Design, Planning & Building
- Hospital Information System

Bio B2B

Taiwan Healthcare⁺

Bio B2B is designed **for bio-business professionals** to find value-added partnerships in Taiwan in fields ranging from APIs, pharmaceuticals, and medical devices, to bio-agricultural and health supplement companies.



Bio B2B

Taiwan Healthcare+

• Find Pipeline & Platform

Platform

Analytics
 Anti-Body
 Delivery
 Fermentation
 Formulation
 Glycan-based
 Microbiota
 Peptide
 Purification
 Synthesis

• Find Company

Business Focus

Clinical Development
 CRO
 CMO
 Design House
 Manufacturer
 Marketing & Distribution
 Preclinical Research
 Specialty Pharma

• Find On market Product

Pharmaceuticals

APIs & Intermediate
 Biologics
 Bio Similar
 Botanic Drug
 Brand-name Drug
 Generic Drug
 Imaging Drug
 OTC drug
 Traditional Chinese Medicine

Medical Devices

General Hospital Device
 Homecare & Consumer Device
 Implants and Prosthetic
 In Vitro Diagnostic
 Medical Imaging Device
 Mobile Health
 Rehabilitation & Elderly care
 Sanitation & Sterilization

Bio Agriculture Products

Animal Drug & Vaccine
 Aquaculture Product
 Detection & Diagnosis
 Functional food
 Health Supplement
 Plant Growth Regulator

Lab Products

Equipment and Device
 Laboratory Animal
 Tool and Reagent

• Find Contract Service

CRO-Preclinical

Analytical Services
 BioAnalytical Services
 Pharmacovigilance
 Toxicology

CRO-Clinical

Analytical Services
 BioAnalytical Services
 BA / BE
 Central Lab

Clinical Monitoring

Clinical Research

CMO/CDMO-Pharmaceuticals

Analytical Service
 Aseptic Filling
 Consulting Service
 Injectable Manufacturing
 Liposome Manufacturing
 Oral solid dosage Manufacturing
 Process Development
 Special Dosage Form Manufacturing

CMO-Medical Device

Assembly
 Computer Integrated Services
 Precision Machining Services
 Prototyping Service
 R&D Design

Best of Best Partners in Taiwan



Quanta

Complete Smart Healthcare Total Solutions

- Increased efficiency and quality of healthcare service operations
- Early warnings and recommendations for healthcare management

QMULUS* • QOCA* Smart Hospital Solution • QOCA*Home



Quanta Computer Inc.



Acer

Acer Cloud Technology Helps Customers To Effortlessly Build a Cloud Ecosystem with aBeing Cloud



Acer Cloud Technology Inc.

Wistron

Wearable Robotic Exoskeleton Combines AI and Bioinspired Technologies

- Precisely assist users in completing movements
- Enhance users' mobility through reduced weight

Wistron Medical Technology Corporation

Asus

AiNurse makes Long-term Care more Convenient and Efficient for Hospitals

- OmniCare - Building a Medical IoT Ecosystem
- PhenoFinder - A Distributed Database for Clinical Trial

ASUS Life Corporation

► **2017 Bio Taiwan Highlights**

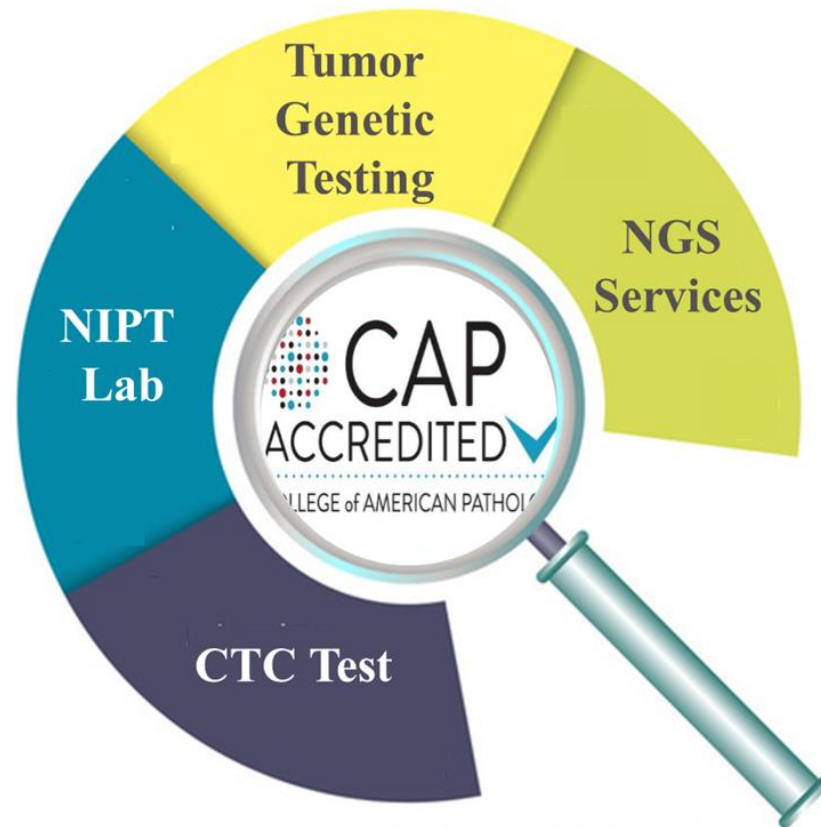
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Hot Topic
Taiwan Healthcare+

Best of Best Partners in Taiwan

Precision Medicine

ACT Genomics
CellMax Life
Genomics BioSci. & Tech.
LIHPAO Life Science
SOFIVA Genomics



▶ **2017 Bio Taiwan Highlights** @

Hot Topic
Taiwan Healthcare+

IV. Appendix – 2017 Taiwan Healthcare+ Expo Exhibitors (Selected)

◆ Medical Centers

- Kaohsiung Veterans General Hospital
- National Taiwan University Hospital
- Chung Shan Medical University Hospital
- National Cheng Kung University Hospital
- Taichung Veterans General Hospital
- Changhua Christian Hospital
- National Yang-Ming University Hospital
- Kuang Tien General Hospital
- Ten-Chen Medical Group
- Taipei Veterans General Hospital
- Chi Mei Medical Center
- Far Eastern Memorial Hospital
- Kaohsiung Medical University
- Shin Kong Wu Ho-Su Memorial Hospital
- Mackay Memorial Hospital
- Lo-Hsu Medical Foundation, Lotung Poh-Ai Hospital
- Taipei Hospital, Ministry of Health and Welfare
- Taoyuan General Hospital, Ministry of Health and Welfare
- Taichung Hospital, Ministry of Health and Welfare
- Tungs' Taichung MetroHarbor Hospital
- Wei Gong Memorial Hospital
- Buddhist Tzu Chi Medical Foundation
- Taipei Medical University Hospital
- TMU Taipei Cancer Center
- China Medical University and Healthcare System
- Linkou Chang Gung Memorial Hospital
- Kaohsiung Chang Gung Memorial Hospital
- Taipei Beitou Health Management Hospital
- Tri-Service General Hospital
- CHC Healthcare Group
- Ditmanson Medical Foundation Chia-yi Christian Hospital
- Cathay General Hospital
- Ministry of Health and Welfare
- Taipei City Hospital
- Show Chwan Memorial Hospital
- Landseed Hospital, Taiwan
- E-Da Healthcare Group

◆ Companies & Organizations



This page only shows a partial list of all exhibitors



Healthcare⁺ EXPO · TAIWAN

When **T**ech meets **M**edicine

A unique destination to catch the next
wave of digital health transformation

World-class medical centers and **advanced medical specialties**
Most influential **IT, ICT & Electronics industry** in the world
Best choice for **Medical AI, IoT, and Robotic** technologies
High Quality pharmaceutical **R&D, CDMO, & CMO** capabilities
Most comprehensive **health care database** and electronic clinical data

Health

Pharma

Electronics

Medical


Biotech

IT

Endless Potential & Opportunities

2018. 11 29 -12 02

Taipei Nangang Exhibition Center 1F · 5F

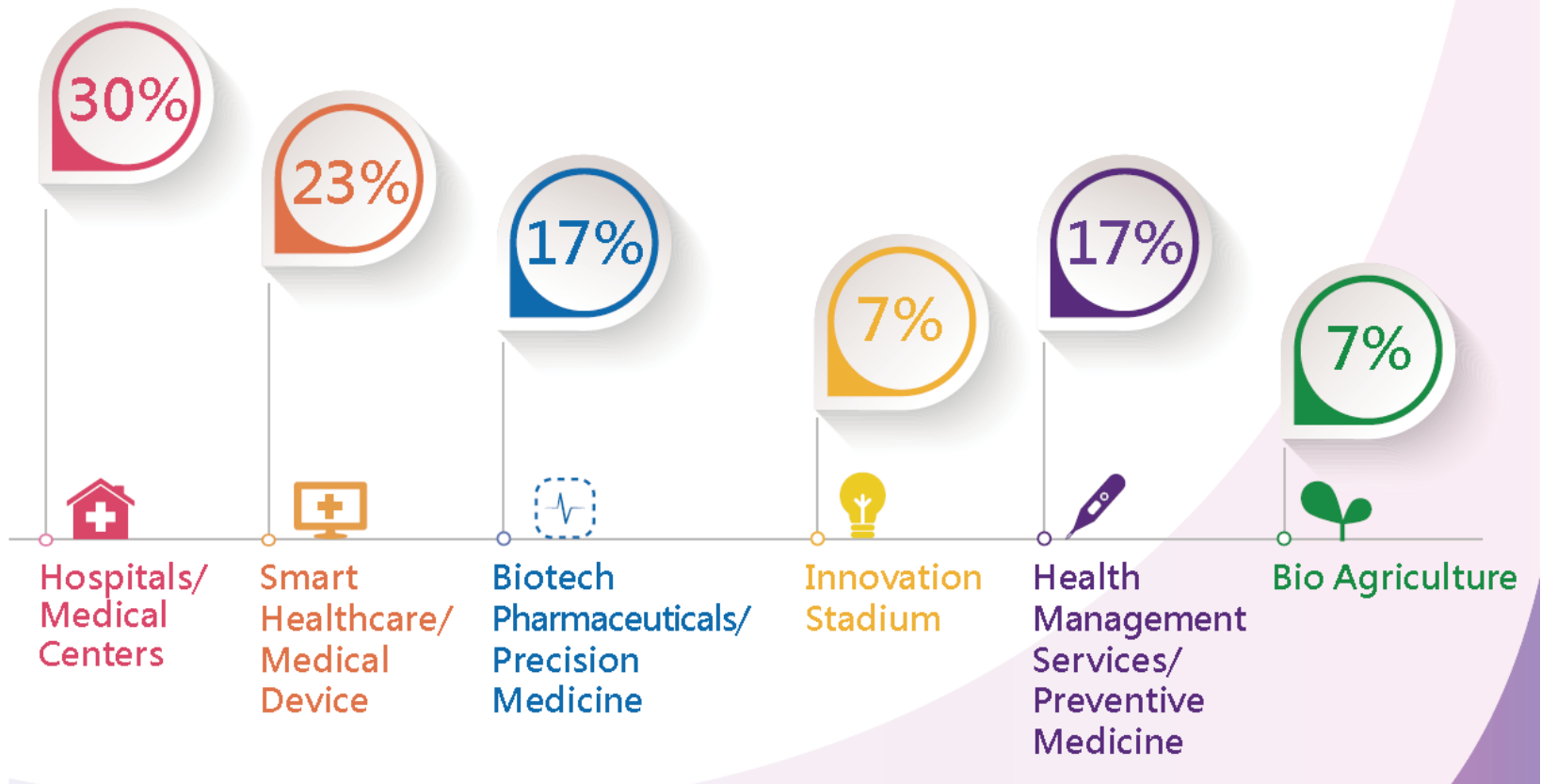
Expo Scale	350 exhibitors with 1300 booths
3 Industry Trends	<ul style="list-style-type: none"> · Medical AI · IoT in Healthcare · Robotic Technology
8 Exhibition Themes	 Medical Specialties  Biotech & Pharmaceuticals  Medical Device  Preventive Medicine  Smart Healthcare  Precision Medicine  Long-term Care & Assistive Devices  Bio Agriculture
Major Exhibitors	<ul style="list-style-type: none"> · 60+ medical centers, institutes & long-term care groups · IT/ICT conglomerates: Acer, ASUS, BenQ, Chunghwa Telecom, Compal, Coretronic, Delta, Foxconn, Foxlink, HIWIN Technologies, iEi, Largan, MiTAC, Powerchip, Quanta, Taiwan Mobile, Wistron · Industry associations: Biopharma R&D and Manufacturer's Alliance, Taiwan Electrical and Electronic Manufacturers' Association, Taiwan IoT Technology and Industry Association, Taiwan Medical and Biotech Industry Association · MNC companies: Fresenius Medical Care, Hitachi, Pfizer, Thermo Fisher
Plenary Keynote	Nvidia, Google, IBM Watson Health, Illumina
Expo Features	<ul style="list-style-type: none"> · Delivering total healthcare solutions · Establishing a complete health IT/bio B2B ecosystem · Providing Asia's new business models for healthcare management and long-term care
Medical Conferences	<p>Co-organized with 12 medical associations:</p> <p>Dental sciences, nursing, internal medicine, surgery, otolaryngology, family medicine, hypertension, physical medicine, rehabilitation, plastic surgery</p>

International Recommendation

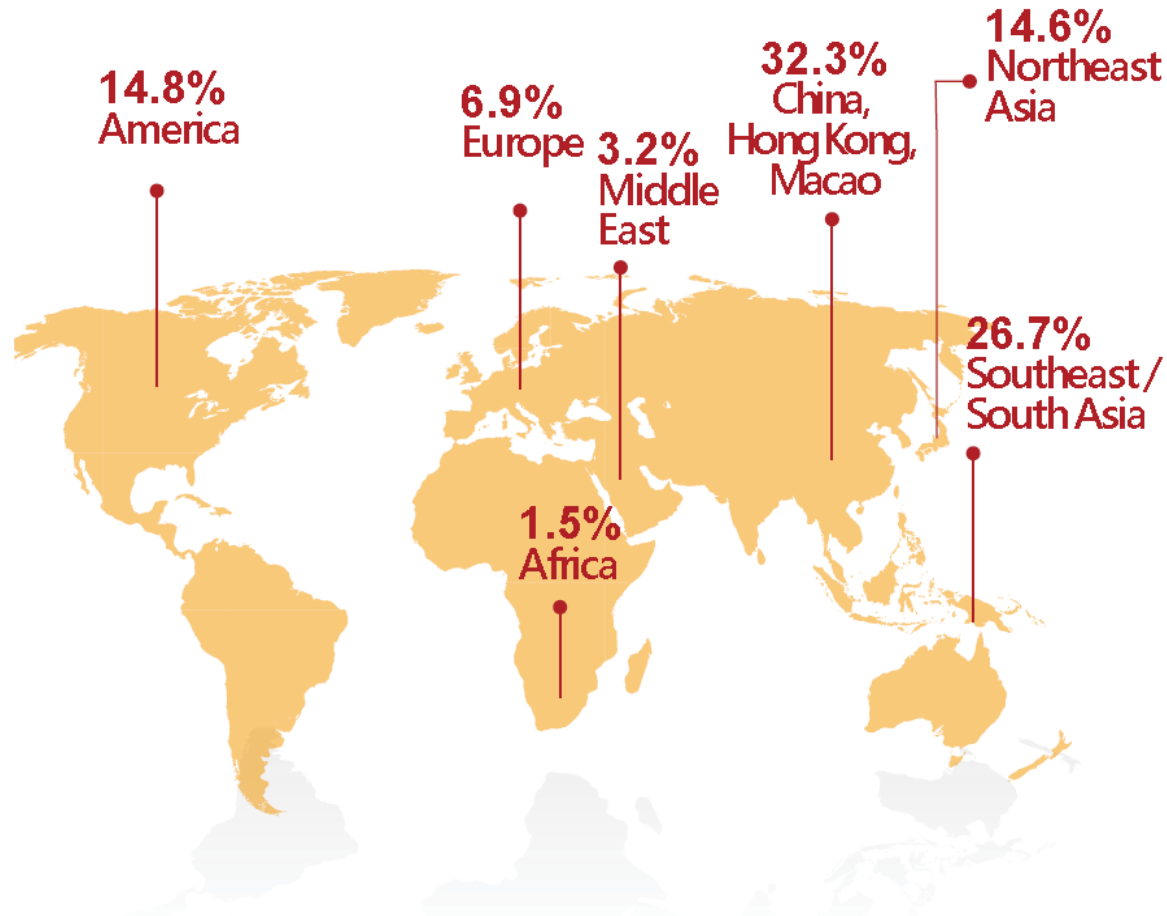
- The chairman of the World Medical Association (WMA), Leonid Eidelman
“Taiwan for the last 20 years had great progress in this field (Health Service).”
- The CEO and President of Israel Advanced Technology Industries (IATI), Karin Mayer Rubinstein
“I can bring to the table to Israel more collaboration and nourish the collaboration between Taiwan and Israel industries. ”
- VP Pharma Head Search & Evaluation, Global BD&L, Novartis, Markus Kalousek
“Taiwan Expo find the approach to facilitate IT, device and pharma industries together to treat the patients in better way.”
- GM of Industry & Distribution Business Unit, Hitachi, Murakami Sei
“Japan and Taiwan and all the Asia countries can collaborate to each other to utilize each country and region strength.”
- GM of Greater China and Vietnam, Teva, Larry Merisalde
“I think Taiwan is ready to take an advantage of new age of Healthcare Treatment.”
- Head of Access to Innovation APAC, Merck, Birgit Reitmaier
- Head, Johnson & Johnson Innovation, Asia Pacific, Dan Wang
- Managing Principal of Medtronic China Venture Fund, Yonghui Shi



Six Exhibition Themes



1500+ International Professionals



TOP 10



► International Collaboration



Medical Software Industry
Association of Australia (MSIA)



The Federation of Thai
Industries (F.T.I.)



The Private Hospital
Association Thailand (TPHA)



Thai Medical Informatics
Association (TMI)



Malaysia Association for Cell
Therapy (MACT)



Israel Advanced Technology
Industries (IATI)

▶ CEO Cross-Field Dialogue : Foreseeing Healthcare Advances

Five Senior Executives from Merck (Head of Access to Innovation APAC, Birgit Reitmaier), Teva (GM of Greater China and Vietnam, Larry Merizalde), Hitachi (GM of Industry & Distribution Business Unit, Murakami Sei), Nvidia (VP Sales and GM Taiwan, Eunice Chiu) and Qisda (VP&GM of Medical Devices Group, Harry Yang) have gathered together in Taiwan to conduct cross-field discussion about foreseeing the future of healthcare, opportunity and challenge of cross-industrial collaboration, how to stay innovative, and what is the criteria for ideal partners.

- Foresee the future: AI and deep learning will be the future milestone in the next five years.
- Explore the opportunity: Cross-filed integration of ICT and hospitals to explore endless business opportunities.
- How to stand out from cooperation and competition ? [Innovation] is the key.
- Connect the ideal partners: Attitude of cooperation is the first priority.



NVIDIA
 Eunice Chiu
 VP Sales and GM Taiwan



Qisda
 Harry Yang
 VP&GM of Medical Devices Group



Teva
 Larry Merizalde
 GM of Greater China and Vietnam



Merck
 Birgit Reitmaier
 Head of Access to Innovation APAC



Hitachi
 Murakami Sei
 GM of Industry & Distribution Business Unit

New Generation: Personalized healthcare, precision medicine and next-generation therapies

Since first reveal of human genetic map and the cost of whole genome sequencing has dropped, the medical efficiency has been greatly improved. Now day, cellular immunotherapy, gene-editing, and personalized medicine are the latest developments across generations. We have invited Dr. Seigo Izumo (AMED CiCLE Program Director of Takeda Pharmaceuticals), Dr. Wise Young, (Chief Science & Medical Advisor of StemCyte) and other experts to witness the new era of disease treatment through the development of precision medicine.

- Latest clinical and industry development on cellular immunotherapy.
- CRISPR-powered search engine for disease detection
- AI, genomics, and biological information together promote personalized medicine



Takeda Pharmaceutical Company Ltd.
 Seigo Izumo
 AMED CiCLE Project
 Program Director



StemCyte
 Wise Young
 Chief Science & Medical Advisor



Semma Therapeutics
 David DiGiusto
 CTO



Columbia University Medical Center
 Tony J. C. Wang, MD
 Associate Professor of Radiation Oncology



Mammoth Bioscience
 Trevor Martin
 CEO



Pacific 8 Ventures
 Chris Shu
 Managing Partner



Harvard Medical School
 Alireza Haghighi
 President of Advancement Initiative for Medicine and Science



Vancouver Prostate Centre
 Colin Collins
 Director of Laboratory for Advanced Genome Analysis



IBM Watson Health
 Liang-Yeu Lenny Chen
 Clinical Adoption Specialist - Manager & Asian Pacific Leader

▶ Medical Revolution: Technology Spurs Transformation of the Medical Industry

Big Data, Artificial intelligent (AI) and blockchain are the latest innovative technologies applied in the medical and healthcare industry. The combination of medical and digitization has become one of leading world trend. In order to promote the cross-field collaboration, Med x Tech Summit Asia (MEDTEX) has invited world-renowned technology companies and smart medical developers to participate in the conference to discuss innovations and challenges brought by the technology of AI, blockchain and electronic medical records. In the meantime, explore the strategies and thinking of industrial innovation transformation.

- Implement artificial intelligent (AI), increase medical efficiency
- Application of blockchain and electronic medical records in the Healthcare.
- Observe the medical digitization: how technologies offer smarter solution to help the transformation of healthcare industry.
- Overview of new strategy and new thinking of global medical innovation.
- Israel government fully support numerous innovation of biomedical technology.
- The Innovative energy from Taiwan, Australia, United Kingdom and United States never fall behind.



Medicalchain
Mohammed Tayeb
Co-founder & COO



NEM Foundation
Alexandra Tinsman
Regional Head, North America



Extensia
Emma Hossack
CEO



Israel Advanced Technology Industries (IATI)
Karin Mayer Rubinstein
CEO



Neuro marsiv (AU)
Rohan O'Reilly
Co-founder & Head of Product



Venture Wise (AU)
James Reeve
eHealth Business Consultant



Georgia Clinical (AU)
Philip Gregory
Managing Director



Micro soft
Keren Priyadarshini
Regional Business Leader
WW Health Industry



Commonwealth Scientific and Industrial Research Organisation
David Hansen
CEO of Australian e-Health Research Centre



Mayo Clinic
Vitaly Herasevich
Associate Professor of Department of Anesthesiology and Perioperative Medicine, Division of Critical Care



Google AI
Daniel Tse
Product Manager



Novartis
Markus Klousek
Head of Pharma Search & Evaluation (Global BD&U)



Medtronic China Ventures
Yonghui Shi
Head & Managing Director



MindUp
Dan Shwarzman
CEO



Met-Syn-Lys (Israel)
Yarom Cohen
CEO



Soterawireless
Francis Chen
CEO



Youngene Health (UK)
Robert C. Henke PhD
Area Director Asia Pacific

MEDTEX Summit Asia



2018 Taiwan International Medical Pavilion

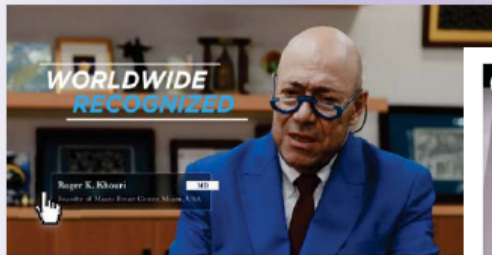
Taiwan: International surgeon training center

“Train the Trainers” in Highly Specialized Surgical Field of Reconstructive Microsurgery

The goal of “train the trainee” is to train these physicians to use the knowledge and technology to serve patients. When the goal upgraded to “train the trainers”, we emphasize the sense of mission and concept. In addition to teaching knowledge and technology for serving patients, these “trainers” can also train other students by delivering knowledge in their particular field, once they return to their own country. - Academician Wei, Fu-Chan



Physicians from overseas pay tribute to Taiwan



• Austria/ Chieh-Han John TZOU

Professor and Director of Plastic and Reconstructive Surgery/ Hospital of Divine Savior Vienna; Teaching Hospital of the Medical University of Vienna

• Canada/ Christiaan Schrag

Clinical Assistant Professor/ Section of plastic Surgery, University of Calgary

• Canada/ Amélie Bourget

Chief of Plastic Surgery Assistant Clinical Professor/ Charles LeMoyné Hospital affiliated to Sherbrooke University

• Dominica/ Victor Garrido

Hepato-Pancreato-Biliary and Transplantation Surgeon

• Italy/ Marco Pappalardo

Plastic Surgeon at Plastic and Reconstructive Surgery, Department of Surgical, Oncological and Oral Sciences, University of Palermo
 PhD Doctoral Course of Oncology and Experimental Surgery, University of Palermo

• Singapore/ Bien-Keen Tan

Prof and Head of Plastic, Reconstructive and Aesthetic Surgery Department/ Singapore General Hospital

• Sweden/ Andres Rodriguez

Chief and Associate Professor & Director International Fellowship Program in Reconstructive Microsurgery/ Department of Plastic and Maxillofacial Surgery Uppsala University Hospital

• USA/ Roger K. Khouri

Founder of Miami Breast Center

• UK/ Hywel Dafydd

Consultant Plastic, Hand and Peripheral Nerve Surgeon/ Welsh Centre for Burns & Plastic Surgery; Honorary senior Lecturer, Swansea University

• UK/ Francesco Mattia Giovanni Riva

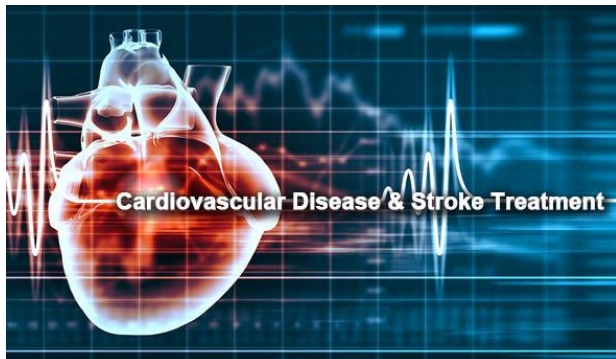
Associate Specialist in Head and Neck Reconstructive Surgery/ The Royal Marsden Hospital NHS Foundation Trust

Taiwan's Top 5 international medical specialties

- Reproductive medicine: artificial reproduction, prenatal genetic screening, frozen eggs
- Orthopaedic: osteosarcoma, biggest bone bank, old humeral head dislocation, kyphosis correction
- Transplantation: liver transplantation, pancreas transplantation, lung transplantation
- Cardiovascular: arrhythmia, cardiac catheterization, minimally invasive heart surgery
- Otolaryngology: artificial cochlear implant



	8		5		1
	2		12		3
	2		1		3
	21		16		2
	28		1		1
	29		2		1
	8		2		3





「**MED** Med x Tech
TEX Summit
Asia

Inno Zone

New ideas • New solutions • New generations

2019
Healthcare
EXPO • TAIWAN

Date : 2019.12.05 – 08
Location : Taipei Nangang Exhibition
Center, Hall 2, 1&4F

<https://expo.taiwan-healthcare.org>

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Mr. David Yang: +886-2-26557888*627, fmyang@rbmp.org.tw