

# 2018 Post Show Report

#### **Organizers**





Research Center for Biotechnology and Medicine Policy Ministry of Health and Welfare



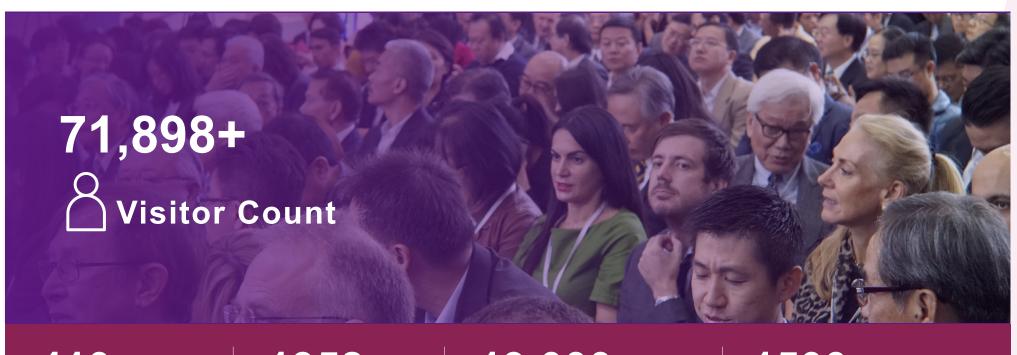






Taipei City Government Council of Agriculture Ministry of Economic Affairs Ministry of Science and Technology

# The Facts of Expo



410



1358



19,000+



Professionals

1500+



International **Professionals** 



19 Medical conferences

200+ Media reports

# Witness Asia's healthcare transformation and create unprecedented opportunities with global healthcare players

#### The President of R.O.C. (Taiwan), Ing-Wen Tsai

Taiwan Healthcare + Expo is the pioneering achievement for Taiwan healthcare community! We have three incomparable advantages: Cutting-edge healthcare technologies, Complete tech industry supply chains and Outstanding biotech/pharmaceutical industry capabilities.

#### Founder of the Expo, Jin-Pyng Wang

It has been become one of amazing international level Expo. It catalyzed the active collaboration between hospitals and industries to build healthcare supply chains with scale, developing it into one of the most advantages in Taiwan.

#### President of the Legislative, Yuan Jia-chyuan Su

This is the first time the government ministries have completely dedicated itself to collaborating with the medical industries and private organizations to make it a truly national level exposition. We will be the pillar of support for the medical technology industry.

#### Minister of Health and Welfare, Shih-Chung Chen

In 2019, we will integrate Taiwan's most significant international conferences and events to form a week of medical technology, so international leaders can secure opportunities to establish connections or cooperation with Taiwan at once.

#### Taipei Mayor, Wen-Je Ko

Taiwan Healthcare + Expo represents the combination of technology revolution and professional medical humanism.

It is also a demonstration of the fruits from more than two decades of work and dedication by the Taiwan medical community.



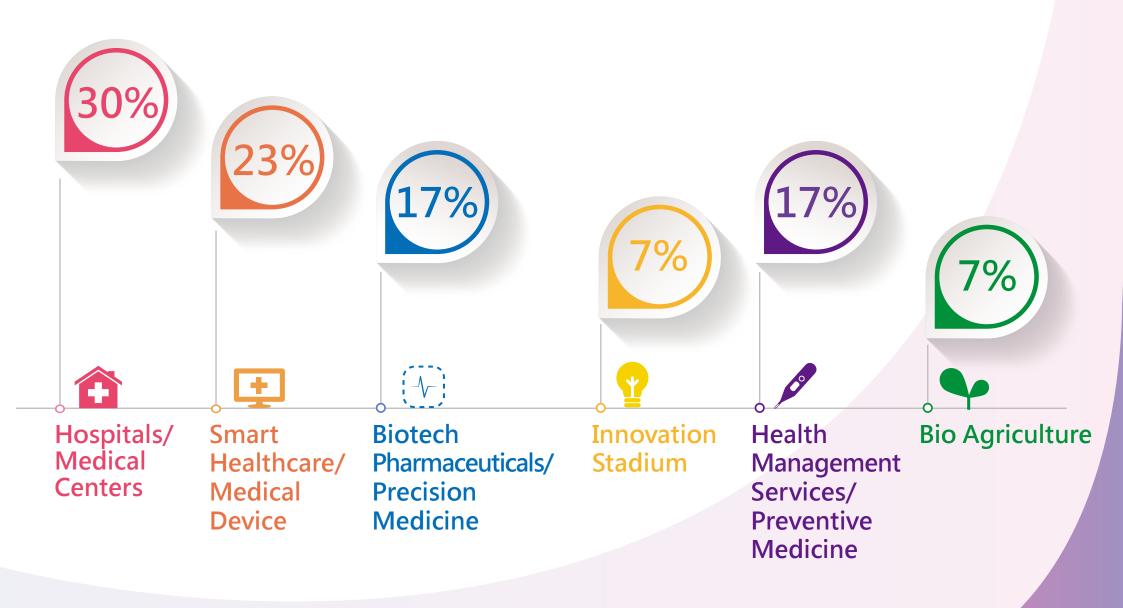
#### **International Recommendation**

- The chairman of the World Medical Association (WMA), <u>Leonid Eidelman</u> "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. "
- · Head of pharma 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, <u>Murakami Sei</u>
  "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, <u>Larry Merisalde</u>
  "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**



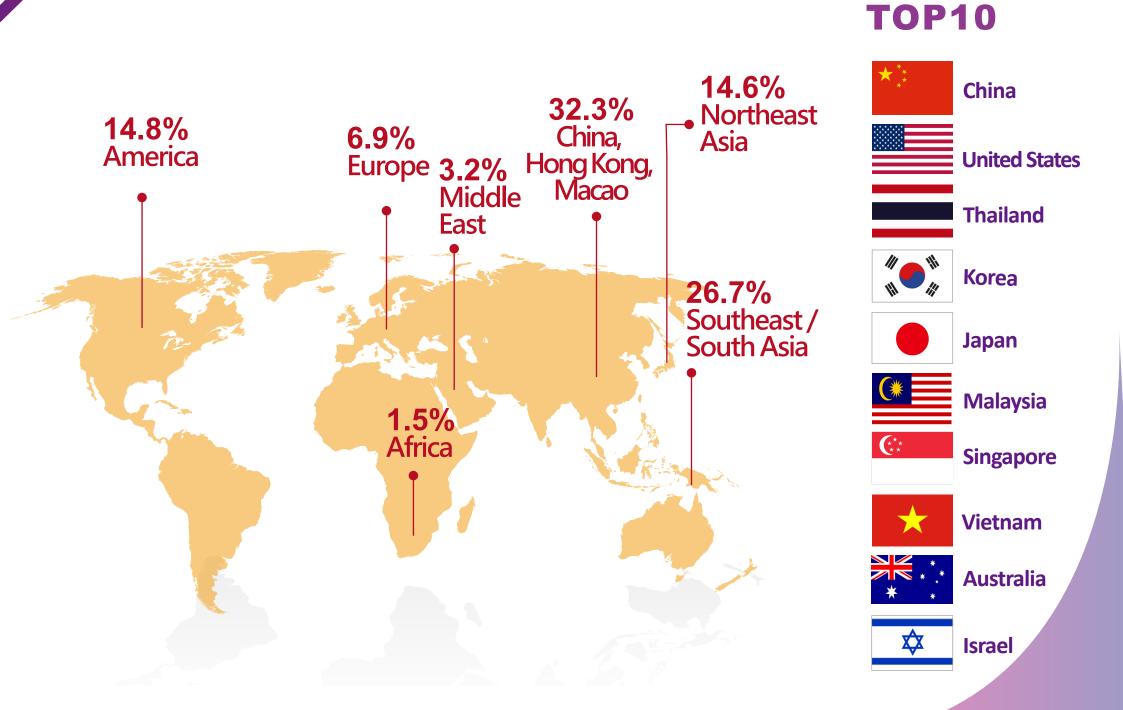
# Industrial Classification for Professionals

Medical Center/ Medical Institute/ Hospital/ Clinic	21%
Pharmaceutical Company	10%
Medical Device Company	18%
Digital Health Company	9%
Startup Company	3%
Investment Institute	2%
Trading Company/Agent	10%
University or Research Institute	16%
Government Organization	2%
Media	1%
Others	8%

# **Purpose for Professionals**

Exploring the opportunities	42.1%
Seeking new suppliers	12.9%
Visiting clients	14.7%
Seeking potential buyers	8.5%
Looking for business partners	17.2%
Evaluating Expo for next year	4.6%

### 1500+ International Professionals



### 25 Overseas Delegations

#### **Thailand**

- · The Federation of Thai Industries (F.T.I.)
- · The Private Hospital Association Thailand (TPHA)
- · Thai Medical Informatics Association (TMI)
- Thailand Science Technology and Innovation Policy Office (STI)

#### Malaysia

- · Malaysia Bioeconomy Corp.
- · Malaysia Association for Cell Therapy

#### **Indonesia**

- · Indonesia Hospitals delegation
- · National Board The Indonesia Pharmaceutical Association (GPFI)

#### Singapore

- · Health Management International Limited (HMI)
- · Enterprise Singapore (ESG)
- · Singapore SGInnovator

#### **Vietnam**

· Vietnam Medical Delegation

#### **Philippine**

· Philippine Orthopaedic Association

#### World Medical Association (WMA)

#### **USA**

· American Medical Association (AMA)

#### Israel

- · Israel Advanced Technology Industries (IATI)
- · Israel Life Science Park of Haifa
- · Israel Medicine Delegation

#### **Australia**

· Commonwealth Scientific and Industrial Research Organisation (CSIRO)

#### **China/Hong Kong**

- · China Pharmaceutical Innovation and Research Development Association ( PhIRDA )
- · Hong Kong Science & Technology Parks Corporation
- · HK Bio-Med Innotech Association (HKBMIA)
- · Nanjing Jiangbei New Area, Industrial Technology Research and Development Park
- · China Hospitals delegation

#### Korea

· Chungbuk Leader's Club

### **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)

# 2018 Expo Recap































































# Concurrent Conference

Presentation of RSS 3D Bioprinting Bone Reconstruction Technology	National Applied Research Laboratories Instrument TechnologyResearch Center
Deloitte Digital X Healthcare innovation forum	Deloitte & Touche
Tri-Creation in Healthcare	Taiwan Hitachi Asia Pacific Co., Ltd
International Symposium of A.I. Healthcare and Minimally Invasive Surgery	Show Chwan Health Care System, Asus Life
Taiwan Functional Agricultural Products Forum-Opportunities and Prospects in New Agriculture	Cohost by Council of Agriculture Executive Yuan & Agricultural Technology Research Institute
Non-drug Therapy Trends of Next Century- Bioeletronic Medicine (Neuromodulation) NeuroBlock: Ultrahigh Frequency Spinal Cord Stimulation System for Pain Relief by GiMer Medical	GIMER Medical
Wellbeing with technology- innovation, entrepreneurship, and value-add society	Center for Biomedical Industry, National Taipei University of Technology
2018 4 <sup>th</sup> Taiwan Association for Cell Therapy (TACT) Annual Meeting	Taiwan Association for Cell Therapy
NARLabs Medical Devices Accelerator	National Applied Research Laboratories
Presentation & Seminar: Research Results of 2018 Medical Device Industry Counselling and Promotion Program	Cohost by Industrial Development Bureau, Ministry of Economic Affairs & Industrial Technology Research Institute

# **Concurrent Conference**

**Gut-Microbiota** 

AI for Drug Discovery and Healthcare (U.S.A)	Insilico Taiwan
Yourgene Health beyond NIPT	Yourgene Health
PMI micro imaging technology and medical technology applications	Pioneer Medical Instrument Technology (PMI) Co.,Ltd.
Global Change of Regulations for Regulatory Affairs in electronic Subm Management for API, Generic and Originators (Germany)	nission EXTEDO GmbH
Antroquinonol - Innovative New Drug Research and Clinical Studies in and Chronic Diseases	Cancers Golden Biotechnology Corp.
Making Data-Driven Medicine a Reality: High Precision in Routine Clini Diagnostic using SOPHiA (Switzerland)	cal SOPHIA GENETICS
NARLabs Medical Devices Accelerator	National Applied Research Laboratories
Pioneer of minimally invasive endoscopic surgery	Chia-Yi Christian Hospital
International Symposium on Universal Health Coverage	Taiwan Medical Association
Global trend and treatments for pancreatic cancer	Taiwan SynCore Biotechnology Co., Ltd , Taiwan Pancreas Society, Taiwan Oncology Society
SMART HEALTH TECHNOLOGY	Taipei Medical University Healthcare System

National Taiwan University Hospital, Research Center for Biotechnology and Medicine Policy



# **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 Merisalde), 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.



Eunice Chiu

VP Sales and GM Taiwan



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 with each the new are of disease treatment.

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 Pharma ceutical 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), increasemedical 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



Israel Advanced Technology Industries (IATI) Karin Mayer Rubinstein



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



Venture Wise (AU)

James Reeve

eHealth Business Consultant



George Clinical (AU)
Philip Gregory
Managing Director



Microsoft 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 Kalousek Head of Pharma Search & Evaluation (Global BD&L)



Medtronic China Ventures Yonghui Shi Head & Managing Director



MindUp Dan Shwarzman



Met-Syn-Lys (Israel) Yarom Cohen



Soterawireless Francis Chen



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

# **MedxTech Summit Asia**

























### 98+ innovative teams from Taiwan and overseas

22 International companies recommended by the Israel Advanced Technology Industries (IATI), Commonwealth Scientific and Industrial Research Organisation (CSIRO), Singapore SGInnovate, the Federation of Thai Industries (F.T.I.), HK Bio-Med Innotech Association plus Microsoft and IBM, together with 30 research institutions, including Taiwan National Health Research Institutes (NHRI), Industrial Technology Research Institute (ITRI), National Taiwan University, National Tsing Hua University, National Chiao Tung University, National Cheng Kung University, etc., have a total of 98 teams.

#### International leading enterprise showcase:

- Next Generation technology for AI and Big data United States/Microsoft · IBM
- Pro-Drug technology Israel /Met Syn Lysine
- The world's first brain rehabilitation VR device for stroke patient Australia /Neuromersiv
- Develop the latest cancer liquid Hong Kong/ Phase Scientific
- Surgical robot navigation Singapore/ NDR Medical Technology



#### **Innovation Salon**

Invited Johnson & Johnson Innovation Asia Pacific Innovation Center and Taiwania Capital Management Corporation CEO to share international innovation, entrepreneurship and investment perspectives, and PwC Taiwan, Deloitte & Touche, FOXCONN H. Spectrum to analyze financial, tax, legal and entrepreneurial practices.

DAY1 International Innovation Strategy and Target selection

DAY2 Cross-field innovation among finance, IPO, Fundraising & informative industry

DAY3 Asian biomedical innovative community VS investment perspective









## 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 oversea 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
   LeMoyne Hospital affiliated to Sherbrooke University
- Dominica/ Victor Garrido
   Hepato-Pancreato-Billiary and Transplantation Surgeon
- Italy/ Marco Pappalardo
   Plastic Surgeon at Plastic and Reconstructive Surgery,
   Department of Surgival, Oncological and Oral Sciences,
   University of Palermo
   PhDst 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







2019
Healthcare
EXPO · TAIWAN

# 2019 Book your place Now!

Date: 2019.12.05 - 08

Location: Taipei Nangang Exhibition

Center, Hall 2, 1&4F

https://expo.taiwan-healthcare.org

#### Contact

Mr. Gordon Shen: +886-2-26557888\*630, chinhuishen@rbmp.org.tw

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