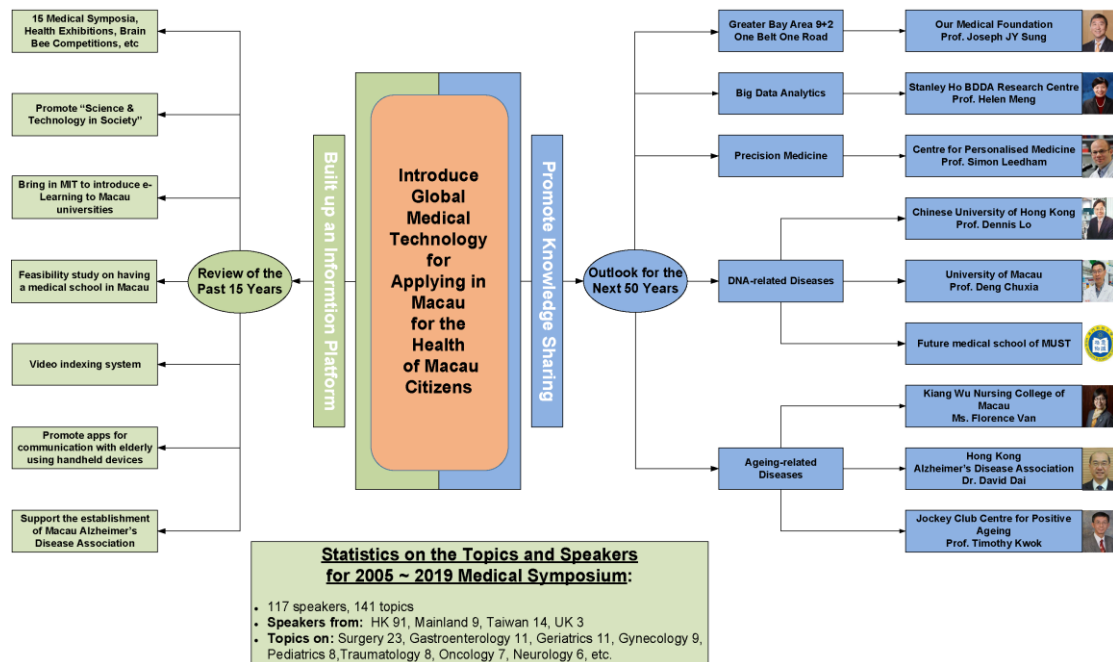


Dr. Stanley Ho Development Foundation
January 19, 2019
Opening Speech by Mr. Patrick Huen

Review of the Past 15 Years; Outlook for the Next 50 Years



十五年的回顧 **Review of the Past 15 years**

1. Honorable Dr. Peter Lam, Professors, Moderators and Guests; Welcome you all to the Dr. Stanley Ho Medical Development Foundation 2019 Medical Symposium
2. Looking back the past 15 years, the Foundation has organized different activities including medical symposia, health exhibitions, brain bee competitions, etc. for medical practitioners, scholars, teachers & students as well as the general public with an aim to improve the health of Macau citizens via bringing in global medical technology.
3. To promote general science education and diversification of industries, we have proposed to the SAR Government to introduce “Science & Technology in Society” in Macau.
4. I am glad to see that the Macau SAR Government has put a lot of effort in turning Macau into an Intelligent City and promoting STEM education. This is in line with

our direction and proves that is what our community needs.

5. I am also delighted to hear that Macau University of Science and Technology is about to launch its medical school, which is a very good news to Macau citizens. It has been one of the major objectives of the Foundation and it finally comes true.
6. You may not realize that the Foundation and the University of Macau has already done their best to explore the feasibility of having a medical school in Macau 10 years ago.
7. Undoubtedly local citizens will benefit from this new medical school; but it may take a bit of time before we could see significant effects since Macau is so small. To get best results within the shortest period of time, the best way is to share each other's resources as well as the results among different institutions and organizations.
8. In this new technology era, we must be "mutually inclusive" i.e. to share with each other and complement each other in order to get the best of the results, instead of "mutually exclusive".
9. The Foundation has long realized the importance of multidisciplinary co-operation. We have collaborated with three e-Learning experts at MIT four years ago and invited them to come to Macau to share their experience in promoting e-Learning. Our initiative has received support from Dr. Sou Chio Fai of the Tertiary Education Services Office and seminars were held for these experts to share their experience.
10. Local researchers can make use of these kind of e-learning platforms to exchange with local peers as well as those in the Greater Bay Area so that more people will learn about their effort and results.
11. With this objective in mind, our Foundation has also built up a medical information platform to facilitate exchanges among healthcare practitioners, scholars and students. Prof. Helen Meng of CUHK, who is an expert in Big Data Analytics, has helped our Foundation to digitalize the videos of our past medical symposium. By entering keywords like the name of the speaker or disease, you can now easily find all the medical talks that are related to the keywords in the database.
12. Prof. Meng has also developed a mobile application which helps elderly or

dementia patients to express what they want by tapping the icons on a handheld device. The application has been introduced to the Macau Alzheimer's Disease Association or MADA for trial.

13. MADA was established by Ms. Florence Van, President of Kiang Wu College of Nursing, and her team with our support. We have also invited Dr. David Dai of Hong Kong Alzheimer's Disease Association to help MADA to become one of the 94 member associations of the Alzheimer's Disease Association or ADI.
14. Since then, the Macau SAR Government has paid more attention to dementia care in Macau and give more support to the activities of MADA and ADI.

五十年的前瞻 **Outlook for the Next 50 Years**

1. The next 50 years is the century of the Greater Bay Area and "One Belt One Road". Our Foundation is honored to have Prof. Joseph JY Sung become our Chief Scientific Advisor, who will be our ambassador and lead us into the Greater Bay Area to further develop our services and researches together in the region. We would also like to thank CUHK Macau Alumni Association and its members for their support. I trust our Foundation can make even bigger impact in elevating Macau's medical and education standard with the support of every one of you and the organizations you belong.
2. "One Belt One Road" initiative has been a national objective. The effect from connecting the 9 + 2 cities in the Greater Bay Area is not 11; but one.
3. To be in line with the 9 + 2 = 1 initiative, our Foundation strives to build an intelligent platform for local healthcare practitioners and the general public to get the latest medical information and to encourage communication and exchange with an aim to improve the general health of Macau citizens.
4. The medical symposium this year can already be broadcasted live in the internet, while the BDDAX mentioned earlier would allow its users to search the medical information they need from our past symposia. With the support of the medical experts here in this hall to provide us with latest information continuously, this intelligent platform would become an effective channel for healthcare practitioners to receive and exchange important information as well as a link

between local practitioners and experts overseas.

5. As mentioned by Prof. Joseph JY Sung in his welcome video, precision medicine is the main direction of medical development nowadays. I believe researches on the relationship between DNA and diseases will be the focus of all medical experts. They are going to change totally the way to treat and prevent diseases.
6. We have been supporting the Centre for Personalized Medicine for years. Prof. Simon Leedham, the Director of CPM and his team have come to Macau to give talks in 2018. They look to have more exchanges with the University of Macau and local practitioners to let more people here know about precision medicine.
7. Prof. Dennis Lo of Chinese University of Hong Kong has developed non-invasive prenatal diagnostic tests for genetic diseases, which have been widely adopted across the globe, and he is tipped to be one of the Nobel Prize nominees. He has also pioneered a number of approaches to cancer liquid biopsy including the detection of nasopharyngeal carcinoma, which will be presented by his colleague, Dr. Jacky Lam today. Our Foundation is going to help introduce his latest researches as well as the results in Macau.
8. Prof. Deng Chuxia of the Faculty of Health Sciences at the University of Macau is a veteran of National Institute of Health and a biological science expert. Our Foundation will also be supporting him in order to elevate Macau's academic standard in the world.
9. Our Foundation highly supports the Macau SAR Government to make Macau an elderly and dementia friendly city and will work closely with Ms. Florence Van, Dr. David Dai and Prof. Timothy Kwok of CUHK to proceed towards this direction. We plan to invite Prof. Kwok to share his experience in the Jockey Club Centre for Ageing on care-taking of patients suffering from dementia or other ageing diseases. Their joint effort is going to provide unlimited contribution to the development of better services for elderly in both Hong Kong and Macau.
10. Our Foundation will further upgrade the mobile application for dementia patients to include additional languages and content so that people with different needs could also benefit from this application.
11. Sir Charles Kuen Kao, Nobel Prize Laureate in Physics, and his wife Gwen Kao were

invited by the Foundation to officiate the founding ceremony of MADA back in 2013. Ms. Van has confirmed that Mrs. Gwen Ko would come to Macau again in March to share her experience with us. You are all welcome to join.

12. Under the direction of Prof. Helen Meng, BDDA has already done a lot of work for the HKSAR Government, corporations and universities. We will continue to support BDDA's researches on medical, education and intelligent city front.
13. Finally, I would like to take this opportunity to thank ICBC Macau who has been sponsoring our medical symposium every year in the past 10 years.
14. Chinese New Year is coming. May I wish you all a fortunate and healthy Year of the Pig.