

## CHANGE THE FACE OF MEDICINE STARTING FROM DIABETES UNREVEALING THE ROLE OF GLUCAGON IN DIABETES AND BEYOND

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### ***Abstract***

Over the past decades, we have witnessed the most terrifying epidemic prevalence of various life threatening diseases such as obesity, diabetes cardiovascular diseases and even cancer. In spite of great advance in medical discovery down to molecular level and enormous expenditure in healthcare, we are facing the toughest challenges to our healthcare system. Growing controversy and misunderstanding on diabetes teaches us an valuable lesson, which reflects some profound issues in the principle and methodology of modern medicine.

The discovery of Insulin in 1922 and the sub-sequential successful extraction was marked as the most significant event for the generation to come on the fight of diabetes. Today global insulin market has reached USD 30 Billion globally and insulin is undoubtedly the most researched and studied substance in the entire medical history. However the ironic question is how come diabetes has become the most challenging pandemic crisis to the mankind?

Emerging evidence suggest the reductionism approach coined as insulin centric diabetes approach is the root cause of this unprecedented phenomenon. Represented by the most recent development in the pancreatic specific glucagon measurement, new insight on the hidden role of glucagon indicates a new era on diabetes research and clinical intervention has come. This has profound implication on our understanding of energy metabolism and a host of issues relating to the development of diabetes, cardiovascular disease, cancer, as well as aging. The presentation will take you through a systemic review on the intervening causative factors on these life threatening diseases including some key hidden mechanisms to call for a changing the face of medicine starting with diabetes.

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## ***Biography***

Jibin Chi obtained his medical degree from the Medical University of China in 1988 and undertook graduate research in Tohoku University in Japan in the field of preventative dentistry in the middle of 90's. Thereafter he obtained a Master degree in International Business Administration and a Master degree in Business Informatics from the Rotterdam School of Management in the Netherlands in the late 90's.



In his professional career, Dr. Chi has worked in leading pharmaceuticals, tissue engineering, medical devices companies across Australia, Japan, Netherlands, Germany, Switzerland, USA and Sweden. In addition to his role at Mercodia AB, Dr. Chi is the Vice President at the Society of Harmonic Science International and Scientific Advisor at International Cooperation Oxidative Balance. Over the past decade, Dr. Chi has involved in cutting edge technology development and innovation in biomedical and biopharmaceuticals. In particular, he has played an important role in bringing scientific advancement, clinical need and technological innovation together. Today he is actively advocating “Changes the face of medicine starting from diabetes” and promoting “Understanding life and embracing quantum biology in modern medicine”. He has been an invited speaker for a wide range of scientific conferences relate to diabetes, cardiovascular, anti-aging and wellness across Europe and Asia Pacific region. Dr. Chi also presided BIT World Congress of Diabetes and World Congress of Endobolism as chairperson for the opening and keynote sessions in 2012.

Dr. Chi is a Dutch national and is living in Sweden. He speaks English, Dutch, Chinese and Japanese.