

# Biography of Rongxiang Xu



Dr. Rongxiang Xu

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## **Introduction of Rongxiang Xu**

Rongxiang Xu is a renowned trauma/burn surgeon, an independent human life scientist without borders, the only scientist achieving in situ regeneration of damaged organs in the field of human medicine and cutting-edge life science, as well as the inventor and patentee of the patent regarding “developing drugs to regenerate damaged organs”- the US president Obama’s 2013 priority of national scientific development, and the discoverer and initiator of human regenerative life.

Based on his study on human life and health, Rongxiang Xu has invented and established a new scientific system of human regenerative life, and has achieved the human organ regenerative restoration and regenerative rejuvenation. He is the owner of many pioneer invention patents and the author of a lot of groundbreaking monographs, e.g.,

- the inventor and patentee of Potential Regenerative Cells of the human body (in vivo, in vitro, including animals);
- the inventor and patentee of the scientific route of in situ conversion of human somatic cells into pluripotent stem cells;
- the inventor and patentee of the scientific route of in situ regeneration of human physiological tissue and organ from somatic cells in the human body;
- the inventor of nutritional spectrum of human regenerative substances;
- the inventor of human regenerative anti-cancer process;
- the inventor and founder of human “Burns Regenerative Medicine and Therapy”;
- the inventor and founder of the “Human Body Regenerative Restoration Science” system.

In order to invent and establish the new system of human regenerative life science, Rongxiang Xu founded the independent “MEBO” Life Science Group to conduct regenerative life scientific research on his own without any external intervention. After inventing and establishing the “Burns Regenerative Medicine” which has benefited over 40 millions patients with burns, wounds and ulcers in 73 countries, he established the brand new system of “Human Body Regenerative Restoration Science” which has achieved the regenerative restoration and rejuvenation of human injured organs. On June 27<sup>th</sup>, 2013, Rongxiang XU released a public announcement to disclose his inventions to all people around the world and summon the governments and social forces in all countries to act together to enable the humans benefit from regenerative life as soon as possible.

## **Introduction of the Scientific Invention**

Rongxiang Xu was born in Shandong Province in February of 1958. During the years of 1977-1982, he studied in the Department of Medicine, Qingdao Medical College, China. He became a surgeon after graduation. Afterwards, in order to invent and establish Burns Regenerative Medicine and Human Body Regenerative Restoration Science, Rongxiang Xu founded MEBO Life Science Group, with its own organizations including basic regenerative medicine research institutes, clinical research institutes, clinical hospitals, pharmaceutical factories, the club of human regenerative life, etc., to carry on the scientific research of human regenerative life independently as well as the global popularization of Human Body Regenerative Restoration Science and technologies. In 1996, he immigrated to the US for the purpose of setting up a scientific research company in the US. In 2001, he collected and packaged all his previous research results and filed applications of series of patents for Human Body Regenerative Restoration Science system in China, US and other countries. To date, he has been granted patents (15 US patents, 18 patents in China, Europe, etc.) for human Potential Regenerative Cells (PRCs), as well as for scientific route and system of “regenerating damaged organs” and its process and certain products. Dr. Xu has founded the new system of “Human Body Regenerative Restoration Science” (published by China Social Sciences Press) and “Burns Regenerative Medicine and Therapy” (published by KARGER).

Rongxiang Xu invented the method of treating burn injuries using a moist and nutritional culture environment (MEBT/MEBO) when he was still a college student. It was this method that achieved the clinical effect of healing deep burn wounds without scarring, which guided Rongxiang Xu into the world of inventions in Human Body Regenerative Restoration Science. At that time when Rongxiang Xu announced that deep second degree burns can be healed with scarless in situ skin regeneration by using moist exposed culture therapy, it was regarded as impossible by the mainstream of burn community. However, both the Associated Press (in 1987) and the Newsweek (on 7 May, 1990) published positive reports, and the article of Newsweek stated that if that his moist therapy of regenerating new skin was true, much of modern burn therapy including dehydration, escharectomy and skin grafting would all be rendered obsolete. In order to convince the world, Rongxiang Xu tracked and studied the whole process of skin organ regeneration at the wound site of deep burns at the level of cytology, and finally discovered that the regeneration of skin organ was accomplished by the residual viable tissue cells at the wound site which, under the nourishment of nutritional culture, converted into keratin 19

skin stem cells (pluripotent stem cells which develop into skin in embryonic development), and then the keratin 19 stem cells continued proliferating and differentiating into various skin cells and eventually formed the complete skin organ. Hundreds of thousands of deep burn wounds have all achieved such process that “under the nourishment of regenerative nutritional composition, human tissue cells (somatic cells) at wound site convert into pluripotent stem cells in situ which then regenerate in situ the same tissues and organs as the original ones”. This is the route of life science that organs and tissues can be regenerated in situ after birth, which is a brand new scientific route in the history of human life science.

Rongxiang Xu holds that since skin is the largest organ of the human body and all the organs and tissues of the human body share the same life attributes, if the skin organ can be regenerated in situ, so can all the other organs and tissues of the human body. This is the innate attribute of human life. Then, based on the mechanism and principle of skin organ regeneration, he set up the regenerative nutritional spectrum for each organ and tissue of the human body. By conducting studies on human somatic cells cultivation in vivo and in vitro, he discovered that there were Potential Regenerative Cells (PRCs) existing in all human organs and tissues. These cells normally exist with the morphology and function of tissue cells. Once the cells of organs or tissues develop diseases, aging, necrosis, apoptosis and even mutation, PRCs receive the awakening stimulus, but are never wakened (that is why there was no such record in the history of human life science). However, when the organs and tissues are given the similar nutrients as given to burn wounds, the Potential Regenerative Cells within the organs and tissues will be awakened to convert into stem cells and further regenerate new cells, tissues, and organ, enabling the diseased or damaged organ regenerate and restore itself in situ. Rongxiang Xu named the discovered regenerative function performed by human Potential Regenerative Cells as “Regenerative Life” of the human body, and named the combination of method, technology, and regenerative nutrients for human regenerative life as the technical implementation system of “Human Body Regenerative Restoration Science”, which currently has accomplished regenerative restoration and rejuvenation of human organs.

## **Personal Profile**

Born in the County of Zhanhua, Shandong Province, China, in February of 1958

Graduated from Department of Medicine, Qingdao Medical College, China, in 1982

1982--1986: Surgeon of Shandong Jinan The Third People's Hospital, member of the Fifth Five-member Leading Group of Jinan The Third People's Hospital, with concurrent one-year post in Jinan Institute of Medical Science

1987--1990: Associate Professor and Director of GuangMing TCM Institute of Burns Wounds and Ulcers affiliated with GuangMing Daily Press

1990--1996: Director of Beijing GuangMing TCM Institute of Burns Wounds and Ulcers State, Bureau of Foreign Experts Affairs; National Scientist and Professor (Senior Investigator) enjoying privileged subsidies by State Council of China in 1992; Chairman of Beijing MEBO High-Tech Co. (private-owned corporation of MEBO Group); Editor-in-chief of *Chinese Journal of Burns Wounds & Ulcers* (national journal)

1996: Immigration to the U.S. as a US resident with Chinese Nationality

1996--2002: Chairman of MEBO International and Chairman of Skingenix, Inc.; concurrent post of scientific research in China

August, 2002, *Press Release Conference of Life Science Explosion -- Press Release Conference of Advancement in Potential Regenerative Cells (PRCs) Regeneration into Tissues and Organs* in Beijing, China

2002 till now: Chairman and Chief Scientist of SKINGENIX and MEBO International in the U.S.; concurrent post of Chief Scientist of Beijing Rongxiang Institute of Regenerative Medicine; concurrent post of Editor-in-chief of national journal *Chinese Journal of Burns Wounds & Ulcers*

### **CONCURRENT ACADEMIC POSTS IN CHINA**

Standing Director of Chinese Medical Doctor Association (CMDA)

Standing Director of Chinese Association of Integrative Medicine (CAIM); Honorary Chairman of Chinese Burn Association of the Integration of Traditional and Western Medicine (CBAIM)

Standing Director of China Association for Traditional Chinese Medicine

Vice Chairman of The Chinese Association of Young Scientists and Technologists (the first and second term)

Standing Director of All-China Youth Federation (the sixth, seventh and eighth term)

Vice President of China's State Organs Youth Association (the first and second term)

## **AWARDS**

The Sixth American Humanitarian Award (by National Burn Victim Foundation)

Pan Arab Hero Awards for Medical Science

National Third Top Ten Outstanding Youth Awards for Science and Technology

Innovation in China

National Fourth Top Ten Elites Award in Science and Technology in China

UN Prize for Science and Peace

Third Donation Award in China

## **KEY ACHIEVEMENTS (VERIFIED AND PROTECTED BY PATENTS AND COPYRIGHTS OF THE UNITED STATES, CHINA AND OTHER COUNTRIES):**

Invented and established Burns Regenerative Medicine

Invented and established Body Surface Wounds and Ulcers Regenerative Medicine

Discovered and invented Human Body Regenerative Potential

Invented and established Human Body In Situ Regenerative Restoration Mechanism

Invented and established Human Body In Situ Regenerative Rejuvenation Mechanism

Invented and established Regenerative Elimination of Skin Scar Mechanism

Invented and founded Human Body Regenerative Restoration Science System

Invented Component profile and product pipeline for Human Organ Regenerative Activation

Invented Component profile and product pipeline for Human Organ Regenerative Nutrition

Invented the Iso-osmotic-nourishing theory and product pipeline for Skin Regeneration

## **MAJOR PUBLICATIONS:**

*Contemporary Surgery Progress*

*Regenerative Medicine Study*

*Encyclopaedia of Burns Treatment*

*Gastrointestinal Regenerative Restoration and Healthcare*

*Blue Book of Burns Treatment*

*Burns Regenerative Medicine and Therapy* (English version)

*Human Body Regenerative Restoration Science* (Chinese & English version)

**SOURCE: MEBO International**