

人体再生复原科学的历史与发展

History and Development of Human Body Regenerative Restoration Science

徐荣祥

XU Rong-xiang

作者单位: 100020 北京, 北京荣祥再生医学研究所

Affiliations: Beijing Rongxiang Institute of Regenerative Medicine, Beijing, 100020



【编者按】 在开启人体再生生命计划的关键历史时期, 在生命科学发展的新形势下, 徐荣祥教授在第十三届全国烧伤创疡学术会议中回顾了人体再生复原科学的发展历程, 讲解了人体再生复原科学(简称: 器官再生科学)的核心内涵和最新学术动态, 展示了人体再生复原科学的实践成果与发展方向, 公布了已经取得明显再生还童效果的再生皮柱技术, 该项新技术是把可吸收的再生物质导入到器官组织中, 使其在局部发挥再生复原作用, 进一步验证了器官再生科学可以应用于非创伤性器官的再生, 从而说明了除皮肤以外的各种器官都可以在正常组织结构上再生, 而非只能在缺损器官上再生。这一突破性的人体再生复原科研成果, 使人类千百年来梦寐以求的再生还童梦想得以呈现。

徐荣祥教授在演讲中还指出, 人体再生复原科学已成为世界生命科学领域中唯一实现临床应用的造福于人类的前沿科学, 它在给人类带来再生生命幸福生活的同时, 也给人类创造了一个全新的再生生命世界。

【关键词】 人体再生复原科学; 器官再生科学; 生命科学; 皮肤再生皮柱技术; 原位再生; 历史

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【Editor's Note】 At the critical historical stage of the plan of initiating human regenerative life and under the new developmental situation of life science, Prof. Xu Rongxiang, on the 13th Chinese Burns Wounds and Ulcers Conference, recalled the development process of Human Body Regenerative Restoration Science (HBRRS, also called Organ Regeneration Science for short), explained its core meaning and the latest academic development, demonstrated its practical achievements and developmental direction, and announced the regenerative skin column technology which had been applied to achieve significant effect of regenerative rejuvenation. With this new technique, absorbable regenerative substances can be introduced into tissues and organs and exert regenerative restoration function locally, further confirming that HBRRS can be applied in the regeneration of uninjured organs. And, besides skin organ, all other organs can be regenerated from normal tissues, rather than only in damaged organs. This groundbreaking scientific achievement of HBRRS helps realize the long lasting mankind's dream of regeneration and rejuvenation.

Prof. Xu also pointed out in his speech that HBRRS is a cutting-edge science which is the only one accomplishing clinical application and benefiting the mankind in the field of world life science. It brings all human beings happy living of regenerative life and creates a brand new world of regenerative life.

【Key words】 Human Body Regenerative Restoration Science; Organ Regeneration Science; Life Science; Regenerative Skin Column Technology; In situ Regeneration; History

大家好！

截至 2014 年，人体再生复原科学（简称：器官再生科学）从最初的内脏器官原位再生研究到现在的临床实践已经有十年了。在十年后的今天，在科学发展的新形势下，我们与一直以来关注和支持我们的各界新老朋友相聚长沙，一起交流与分享人体再生复原科学的历史成果与发展进程。从 2009 年正式公布人体再生复原科学距今已五年，在这五年的时间里，人体再生复原科学在世界生命科学领域的发展状况如何？今后的发展规划如何？今天的学术报告将为大家一一介绍。

人体再生复原科学是涉及人类整体生命科学发展的多学科融合的一项科学。也就是说，人体再生复原科学本身已经不是一项单学科技术，而是继 2500 年前古希腊著名医学家希波克拉底创造的现代医学后出现的包含生命和健康的新科学体系。值得我们骄傲的是，人体再生复原科学体系的创立及其发展是经过重重考验的，它是通过获得多项专利权、著作权、发明权而确立的科学体系，并以对诺贝尔奖委员会的诉讼夺回了对生命科学的话语权，而这一切都是由华人独自完成的。人体再生复原科学在世界生命科学界的地位是坚不可摧的，不是某一机构或某一政府所能控制的。在对诺贝尔奖委员会提起诉讼后，人体再生复原科学的各项专利被全球科学界大量下载，相关的媒体报道也创造了生命科学历史上的最大播报量。

1 人体再生复原科学的发展历程

18 世纪以来，人类开始运用物理、化学、生物医药等现代科学技术来保障身体健康。20 世纪初，人类调整了医学研究方向，试图通过利用人体自身能力建立一个新的科学体系来治疗疾病、保障健康、延长生命。从 1907 年开始，相关研究人员就对遗传物质进行了定性研究，发现该遗传物质存在于一个双螺旋结构中，由此建立了现在的基因学。美国一直都是生命科学的前沿领导者，其历届总统一直迫切地想在这方面有较大的突破与进展。美国政府在 1971 年建立了国家癌症法，把科学研究的重点转移到了基因研究中，试图通过转基因技术

Hello Everyone,

By 2014, Human Body Regenerative Restoration Science (hereinafter referred to as “our Science”) has been applied in clinic for about ten years since the most early study on in situ regeneration of internal organs. Today, under the new momentum of scientific development, we meet together in Changsha with old and new friends that have long been paying attention to and supporting us to exchange and share the historical achievements and development process of our Science. It has been five years since we announced our Science in 2009. In the past five years, how did our Science develop in the field of world life science? What is the future development plan? All of such questions will be discussed in today’s academic report.

Our Science is a science integrating multiple disciplines and involving in the development of overall human life science. In other words, it is not a single pure discipline, but a new scientific system covering life and health after the creation of contemporary medical science by famous ancient Greek physician Hippocrates 2500 years ago. We are proud that our Science is developed after conquering numerous obstacles. Its system is evaluated in the practices and has won such rights as patent, copyright and invention. And, we have regained our rights of speech after we filed a lawsuit against Nobel Prize Committee. All of these has been accomplished by Chinese ourselves. Our Science’s standing in the community of world life science is indestructible and no organization or government can control our Science. After filing the lawsuit against Nobel Committee, our patents have been downloaded so many times by the scientific community around the world, and the amount of related reports were unprecedented in the history of life science.

1. Development Process of Human Body Regenerative Restoration Science

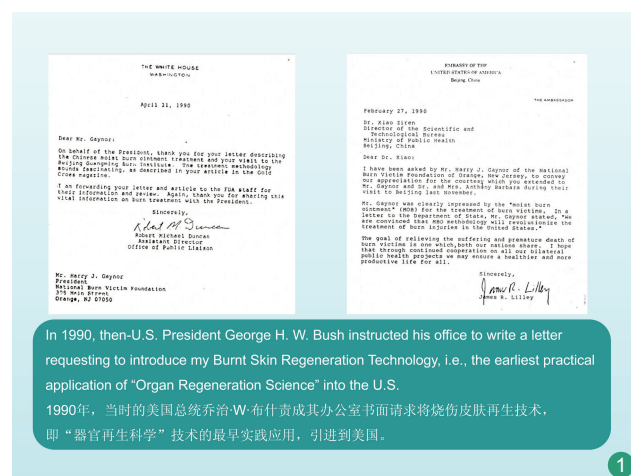
Since 18th Century, the human beings have protected their health with modern scientific technologies such as, physical, chemical, and biomedical means. At the beginning of 20th century, the overall direction of medical research was adjusted, trying to build a new scientific system with the capacity of our body, in order to treat diseases and to maintain health and longevity. Since 1907, qualitative researches on genetic material have been carried out by researchers and it was found that the genetic material exists in a double helix structure, which led to the founding of contemporary genetics. The United States has long been the leader of life science. All presidents wish a significant breakthrough in this regard. In 1971, National Cancer Act was stipulated and passed in the United States, which shifted focus of scientific research to genetic technology and tried to

攻克癌症，但历经十年，癌症发病率增加了 10 倍，死亡率也增加了 10 倍，尽管如此，美国历届总统想要通过非现代医学技术治疗疾病、攻克癌症的目标却一直没有改变。

在该目标的引领下，早在 1990 年美国时任总统布什就有意引进烧伤再生医疗技术。他派出了代表团，正式向中国卫生部发函，要求引进烧伤再生医疗技术，图 1 便是当时的信函，由总统办公室主任代签。当时的美国政府已经了解了再生技术比基因技术在攻克顽疾方面更能达到立竿见影的效果。美国要引进中国的再生科学技术这一爆炸性新闻，立刻引起了世界各大媒体的关注，CNN、新闻周刊等很多主流平面、电视媒体对此进行了专题报道，由此让我真正感受到了美国政府对再生科学技术的关注与认可。当时我向全世界正式公布了烧伤创面中皮肤组织器官的再生效果，这一消息引起了世界生命科学界的轰动。2000 年，我在第十九届夏威夷国际烧伤会议上公布了体细胞体外培养干细胞的研究成果，话音未落就已轰动全场，与会代表纷纷表示这是第一次看到体细胞体外克隆细胞和组织。为此，我们在 2002 年举办了大型新闻发布会，专题公布了该项科学研究成果（见图 2）。在美国举行的第三届世界干细胞大会上，我作为主讲人，公布了人体再生复原科学的发展现状，令与会代表们深深感慨：“在这个前沿科学的发展过程中，中国人已经开车在高速公路上行驶了两个小时，而刚拿到车钥匙的我们却不知道车停在哪里，将要驶向哪里。”

solve cancer through gene transfer technology. Ten years later, incidence of cancer increased by 10 times and morbidity of cancer also increased by 10 times. Still, the goal of all Presidents trying to cure diseases and conquer cancer with non-contemporary medical technologies remain unchanged.

Under the guidance of the goal, the then-President Bush intended to introduce our burns regeneration technology in 1990 to the United States. He sent out delegates and issued correspondence to Ministry of Health of P. R. C. in the name of President Office to request introducing our burns regeneration technology. Figure 1 is the letter signed on behalf of the President by Director of President Office. By then, the United States government has well understood the advantages of regeneration technology over genetic ones in tackling refractory diseases. The US intending to introduce Chinese regenerative science and technology was a piece of breaking news at that time and attracted numerous media. Many mainstream American news media including CNN and Newsweek made special report, which let me perceive the U. S. government's attention and approval to our Science. . Back to that moment, we announced in front of the whole world about our achievements about regenerated skin on wounds of burns and ulcers, which rocked the world life science community. In 2000, we declared that we can culture stem cells through somatic cells on the 19th Hawaii International Burns Conference. All guests presented stood up and applauded, since it was the first time that we human beings can clone cells and tissues in vitro by way of somatic cells. Therefore, we held a specific press conference to announce this achievement in 2002 (Fig. 2). I, as the keynote speaker, announced the development of our Science on the Third World Stem Cell Conference in the United States. All representatives exclaimed that we Chinese had gone a long way on the highway of the regenerative science and they just got the key to the car and were still unclear where the car is and where to go.



然而人体再生复原科学在通往成功的道路上并非一帆风顺。例如，美国 FDA 的相关法律就阻碍了人体再生复原科学在美国的发展进程。自从 1993 年开始，我方就已与美方合作，不断地向相关人员进行讲解，全力以赴突破美国 FDA 的法律限制。通过十年的不懈努力，在化学药品出现大量副作用的背景下，2003 年美国国会正式通过《植物药产业指南》，而人体再生复原科学相关产品中的天然植物成分正符合这部法律的规定，至此，我们便开始了人体再生复原科学的实践。简言之，人体再生复原科学对美国此项法律的颁布发挥了重要的推动作用。2008 年，美国时任总统布什对外宣布了生命科学的研究方向将调整到体细胞转干细胞的研究上，但致力于这方面研究的日本科学家山中伸弥却用了我们拥有专利权的人体干细胞原位再生生理组织和器官的概念，声称自己的研究找到了干细胞，但实际上他只是通过转基因诱导的方式得出了人造细胞，冠以了干细胞的名称。

2 人体再生复原科学的最新发展动态

如今，人体再生复原科学已被美国政府纳入国策，现任总统奥巴马宣布将美国的生命科学发展方向调整到损伤器官再生的科学研究路线上，美国的科学界，政治界对人体再生复原科学有了深刻的认识，他们得出的结论是其专利技术是真实的，验证后即可应用。为此，美国政府召开了再生科学发展的专题会议，美国总统、副总统、国务卿等 7 位领导人参加了此次会议，专题讨论并听取了人体再生复原科学的发展情况，最终将损伤器官原位再生复原科学（我们的专利范畴）纳入到了美国的生命科学发展国策。2013 年 4 月，奥巴马总统召集各州长和相关部门以及金融界有关人士召开了生命科学发展会议，落实了脑痴呆机理研究的项目。之后，将计划落实损伤器官再生项目，欲提供 1 亿美元启动资金，但我方予以拒绝，我们的希望是世界主要发达国家能够带动世界各国将人体再生复原科学造福于人类。任何有志于改善其全国人民健康，攻克器官损伤性疾病、癌症等慢性疾病的国家都可以与我们合作。路透社连续 7 次对此进行了专题报道，并多次将我获奖的巨幅照片发布在纽约时代广场的大屏幕上（见图 3）。由此可以看出，媒体对我的认

However, our development is far from smooth. For example, related laws and regulations set by FDA of the United States hindered our development in the U. S. Since 1993, we have cooperated with the U. S. and kept explaining our Science to related sides in order to collect all courage to break through restrictions of law set by FDA. Through our continuous efforts over ten years and considering the significant side effects of chemical medicines, the Congress of the United States formally passed Guidance for Industry Botanical Drug Products in 2003. The natural botanical ingredients in the products related to our Science comply with specifications of this Guidance. Since then, we started the practice of our Science. In short, our Science plays an important role to promote the launching of this Guidance. In 2008, then-President Bush declared a shift of life science direction to the study on somatic cells converting into stem cells. However, the Japanese scientist Shinya Yamanaka who was dedicated into the study in this field stolen our patented concept of in situ regeneration of physiological tissues and organs through human stem cells and declared that he found stem cells. However, actually, he obtained artificial cells induced by gene transfer and took a false name of stem cells.

2. Latest Development of Our Science

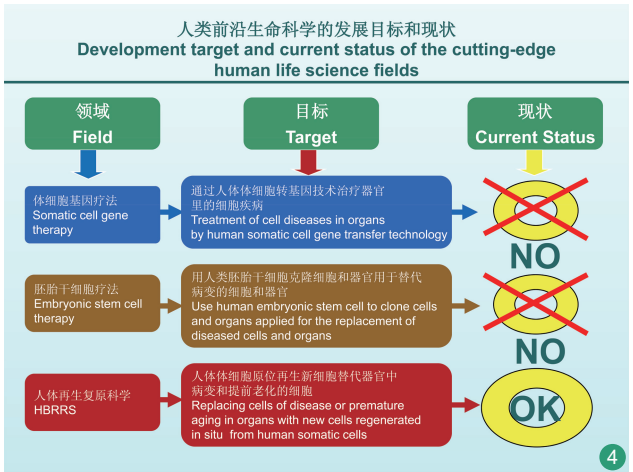
At present, our Science has been included as the national policy of the United States. The incumbent President Obama announced the shift of life science research direction to regenerating damaged organs. The US scientists and politicians held a profound understanding of our Science. They believed that our patents are true and can be applied once being validated. In this regard, the US government held a specific conference and 7 main leaders presented, including President, Vice President and Secretary of State. They listened to the development of our Science and finally incorporated in situ regenerative restoration of damaged organs (covered by our patents) into their national development plan of life science. In April 2013, President Obama called for a meeting for governors and all related sides to settle down the project of mechanism study of Alzheimer's disease. Later, the damaged organ regeneration project would be fulfilled. Also, it intended to provide 100 million dollars to start the project, which was rejected by us. We wish to benefit the human beings with our Science in all countries through the leadership of main developed nations. Any country wishing to improve the health of their people, to crack down chronic diseases including organ damage related diseases and cancer can cooperate with us. Reuters made consecutive seven times of reports about us and published my photo on the big billboard at New York Time Square (Fig. 3). This shows

识发生了彻底的改变，也表明了媒体对人体再生复原科学的极大重视。

目前，只有人体再生复原科学凭借其强大的科学理论与实践成果，在世界生命科学领域独占鳌头。2013 年 3 月 23 日，被称为“人类基因之父”的沃森教授在加州索尔科研究所的演讲中宣布，以他本人领衔数十年的基因治疗研究宣告失败，指出通过改变基因治疗疾病是毫无价值的，由此表明，所有的基因治疗研究都是毫无意义的。转基因改变了生物的属性，任何转基因的生命都是另一个生命，那么转基因研究是否可行？到目前为止还没有结论。例如，体细胞转基因疗法虽然在美国被允许试验，但至今还没有研制出真正的产品；美国科学家们开展的胚胎干细胞研究（此研究认为人类的胚胎细胞可以发育形成各个器官，在胚胎发育的每个环节，取出其干细胞就可以形成相应的组织或器官）从开始设想至今都无任何成果，未来也将无法实现，这项研究没有被纳入美国国策（见图 4）。为什么这一研究不能实现呢？胚胎干细胞是人体发育过程中所产生的，在体内可以发挥干细胞属性，维持人体的正常发育，但一旦被拿到体外培养便失去了干细胞属性，变成了胚胎干细胞系，而胚胎干细胞系的属性则是无止境地增殖。胚胎干细胞系是贬义的胚胎干细胞概念，各级医院曾使用的“胚胎干细胞”这一专业名词，实际上就是胚胎干细胞系，而并非真正意义上的胚胎干细胞。因此，这一研究最终也没有取得任何成果，但基因研究与其并不相同，基因研究的构想是好的，表述是真实的，只是研究路线错了。

the radical change of media’s recognition about me and their great attention to our Science.

At present, based on strong scientific theory and practical achievements, our science is the only one standing out in world life sciencefield. On March 23rd of 2013, Father of Genes, Prof. Watson, declared that all his previous work on gene therapy was worthless, representing the end of gene therapy research led by himself over the past few decades. Therefore, it concludes that all gene therapy researches are worthless. Gene transfer changes the attribute of life, any life created by gene transfer is another new life. It is still not clear whether or not gene transfer study is feasible. For example, gene transfer of somatic cells is allowed to be tested in the US, but it has not resulted into any actual product so far. US scientists have not achieved and will not achieve any result since the beginning of research of embryonic stem cells (it believes that all embryonic stem cells can develop into various organs, stem cell derived from various stages of embryo development can form corresponding tissue or organ). So, it is not included into the US national policy (Fig. 4). Why does it fail to be realized? The embryonic stem cells appear in the process of human body development and serve as the functions of stem cells and maintain and promote the normal development of human body. However, once it is taken out of the body, it is deprived of the attribute of being stem cells and turns to embryonic stem cell line which features unlimited proliferation. Embryonic stem cell line is a derogatoryconcept regarding embryonic stem cell. The term “embryonic stem cell” ever been widely used in many hospitals is actually embryonic stem cell line rather than true embryonic stem cell. Therefore, no achievement has been made in this research. However, genetic research is different, it is real in concept and description except that its route is wrong.



3 人体再生复原科学的核心

人体再生复原科学的主体是“体细胞被诱导成干细胞，原位再生复原组织器官”，同时也是人体再生复原科学的核心技术，而我们则是世界上唯一拥有这项技术专利权的组织。人体再生复原科学是把体细胞转化为多功能干细胞，然后再生为生理性组织、器官的全新科学体系，这在人类历史上从未出现过。

人体再生复原科学的核心是什么？器官原位再生的核心又是什么？是潜能再生细胞（PRCs）。

3.1 PRCs 专利的申请

PRCs 目前已通过了中国与美国的专利认证。根据美国的专利法规定，一旦获得美国专利，该项专利就受法律保护。因此，人体再生复原科学体系已是美国的法定科学体系。PRCs 是人体组织器官的再生之源，美国专利局对 PRCs 这一概念早已认可，2013 年获得 PRCs 的中国专利权。专利可以促进科学发展，但我们一直在努力，因为我认为在人体再生复原科学的发展规划中，中华民族的发明应该在中华民族的领土上得到专利授权，只有这样这一伟大发明才真正属于我们中华民族。2012 年，在某些发达国家要将人体再生复原科学作为发展国策这一背景下，我将 PRCs 的相关资料上报给了国家相关部门，引起了国家相关部门的重视，国家专利局对此进行重新研究，最后确立了 PRCs 的专利权（见图 5）。大家可以在中国专利局网站上查阅 PRCs 的全部内容，以全面了解 PRCs 的理论体系。

3.2 PRCs 的简介

PRCs 是人体成体以后的器官再生之源。PRCs 在人体中由组织细胞转变成干细胞，人体成体后再生出组织和器官的干细胞都是由其增殖分化而来（见图 6）。因此，所有将 PRCs 增殖分化为干细胞的培养基及其所产生的功能都属于该项专利的范畴。角蛋白 19 型干细胞是皮肤的原始干细胞，这是最早确定的由 PRCs 细胞转化而成的干细胞，当然也属于 PRCs 专利之内。PRCs 专利权的授予为人体再生复原科学体系的建立奠定了基础。

通过烧伤创面皮肤组织器官的原位再生研究发现了角蛋白 19 型干细胞的存在，又通过对

3. Core of Our Science

The focus of our science is “induction of somatic cells into stem cells and in situ regenerative restoration of tissues and organs”, which is also the core of our science, and we are the only organization holding the patent right of this technology in the world. Our science is a brand new scientific system which converts somatic cells into pluripotent stem cells and then regenerates physiological tissues and organs, this is unprecedented in the human history.

What is the core of our science? What is the core of in situ organ regeneration? It is PRCs.

3.1. Application of PRCs Patents

PRC patent has been approved in China and the United States. According to patent law of the US, a patent will be protected by law once approved. Therefore, our Science is a legal system of the U. S. PRC is source of regeneration of human tissue and organ. USPTO has early approved the concept of PRCs. In 2013, PRCs patent was approved in China. Patents promote the development of science, we have been making effort. I think, in the development plan of our Science, chinese invention should be granted the patent right in China, only in this way, this great invention can actually belongs to our Chinese nation. In 2012, under the background that certain developed country intended to take our Science as national policy, we provided materials related to PRCs to competent department in China and drew attention from the authority. The State Patent Bureau made research again and established the PRCs patent right finally (Fig. 5). You can look up into its website for the full text content of PRCs to comprehensively understand PRC theoretical system.

3.2. Brief Introduction of PRCs

PRCs serve as source of regeneration of organs after human beings turn mature. In the human body, PRCs turn to stem cells from somatic cells. After the maturation of the human body, all stem cells regenerating tissues and organs are derived from the proliferation and differentiation of PRCs (Fig. 6). All medium and its functions involved in the proliferation and differentiation of PRCs into stem cells falls into the scope of this patent. Keratin-19 stem cell is the primitive skin stem cell, it is the most early identified stem cell converted from PRC, and off course falls into the PRC patent coverage. The approval of PRC patent serves as the base of our science system.

The study on in situ skin organ regeneration in burn wounds led to the discover of K-19 stem cell; and study on K-19 stem cell led

告诉世界:
Tell the World:

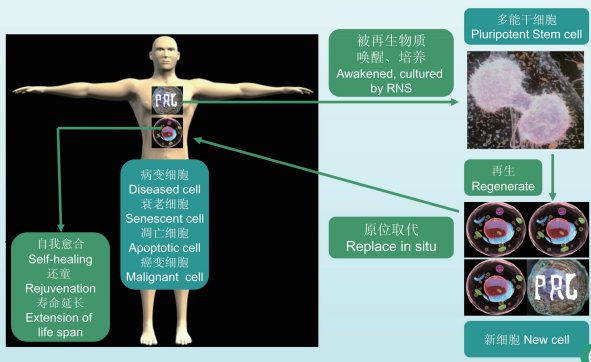
人体中有一种具有潜能再生功能的细胞, 我们将其命名为 PRC, 并申请了专利
A type of cell having potential regenerative function exists in the human body.
We patented and named it as PRC.



这就是人体的再生生命
This is the human regenerative life

5

人体的PRC再生生命
Body's PRC Regenerative Life



被再生物质
唤醒、培养
Awakened, cultured
by RNS

多能干细胞
Pluripotent Stem cell

再生
Regenerate

原位取代
Replace in situ

自我愈合
Self-healing
还童
Rejuvenation
寿命延长
Extension of
life span

病变细胞
Diseased cell
衰老细胞
Senescent cell
凋亡细胞
Apoptotic cell
癌变细胞
Malignant cell

新细胞
New cell

6

角蛋白 19 型干细胞的研究获得了皮肤组织器官原位再生的理论基础, 以此在动物及人体上的反复实验研究, 最终确认了 PRCs 的存在 (见图 7 - 16), 由此开创了人类生命科学的新纪元。需要强调的是, 这不仅仅是烧伤医疗技术, 而是全新的器官再生复原技术。现在我们不仅建立了完善的科学理论体系, 更重要的是已将该理论成功实践。众所周知, 没有被实践的科学只能称之为理论学说, 只有将理论应用于实践并获得成果才能成为真正的科学体系。从技术层面讲, 人体再生复原科学最早被应用于烧伤创面的治疗, 也就是说大家才是该项技术的最早实践者; 从物质层面讲, 人体再生复原科学的物质体系是再生物质 (RNS), 与西药学不同的是该项物质完全由营养物质组成, 将来人们可以依靠该营养物质保障人体健康, 而非化学药物。传统西方医学是通过化学物质来对抗人体疾病, 而人体再生复原科学则是利用可以使细胞再生的营养物质, 让细胞再生替换衰老、疾病的细胞, 以恢复健康, 这是两个完全不同的科学体系。人体再生复原科学的科学体系不是单纯意义上的技术体系或物质体系, 而是再生全营养体系。

PRCs 的价值是什么? 从科学上来讲, PRCs 就是把体细胞转化成多能干细胞。多能干细胞的作用又是什么? 它可以在体内原位再生相应组织, 并与原有器官的组织融合完成器官的再生。这就是人体再生复原科学的专利技术体系, 也是美国专利的第一项权利要求, 涵盖面非常大, 所有生命科学的前沿研究必将实现这个结果, 否则便是错误的。

to the establishment of theoretical basis of skin organ in situ regeneration. Then, we made experiments on both animals and human body repeatedly and finally confirmed the existence of PRCs and thereby starting a new era in human life science (Fig. 7 - 16). It is not simply a burns medical technology but a brand new organ regenerative restoration science. As we all know that, all sciences that fail to be put into practice are called sciences in theory and those approved in practice are true science. Technologically speaking, our science starts from application in the treatment of burn wounds. In other words, you are the pioneers of our science. And, speaking of its substances, it bases on regenerative nutritional substance (RNS) which consist of only nutritional substances, which is different from western medicine. In the future, regenerative substance rather than chemical drugs will be used to maintain our health. Traditional western medical science fights against disease through chemicals, while our Science uses RNS to enable cell regeneration to replace aged and diseased cells and restore the health. They are totally different systems. Our Science is a comprehensive regenerative nutrition system rather than a simple technical or substance system.

What is the value of PRCs? Scientifically speaking, it is to transfer somatic cells into pluripotent stem cells. Then, what is the function of pluripotent stem cells? They can regenerate in situ relative tissues which intergrate with original tissues to accomplish the organ regeneration. This is the patent system of our Science, also the first claim in our US Patent. It covers a wide range of fields. All cutting-edge researches will definitely get to this result, otherwise they are wrong.

通过体细胞体外再生组织器官进行
再生生命验证
Validation of regenerative life via in vitro
regeneration of tissue organ from somatic
cells (PRCs)

小肠 intestine 1 分离 Split 2 黏着 Adherence 3 组织培养 Tissue culture 4 细胞迁移分离 Cellular migration and separation 5 组织细胞、PRC筛查 Screen of tissue cells, PRCs 6 组织器官克隆完成 Complete cloning of tissue organ 7

RNS再生培养
Regenerative culturing of RNS

形成组织 form tissues 8 转变成干细胞 Transform into stem cells 7

用组织植块验证PRCs原位再生胃肠绒毛器官的功能
Validation of PRCs' function of regenerating gastrointestinal
villi organ in situ with tissue explants

研究组：添加RNS
Study: RNS added

对照组：不添加RNS
Control: no RNS added

切除绒毛
Excising villi

绒毛器官原位再生
Villi organ
regeneration in situ

未见绒毛再生
No Villi regeneration

Day 1 Day 6 Day 7 Day 8

PRCs再生毛发器官的验证
Validation of "PRCs" regenerating a hair organ

再生条件下对毛囊组织的单个细胞 (PRC) 进行持续培养, A. → 增殖; B. → 分化; C. → 再生形成毛囊组织; D. → 再生形成毛囊和整个毛发器官; E. → 清晰可见的再生状态; (P) 毛囊组织; (G) 毛干; (H) 毛发蛋白丝
Single cell (PRC) of hair follicle tissue is taken to be cultured continuously under regenerative conditions. A. → proliferate; B. → differentiate; C. → regenerate to form tissue follicle tissue; D. → generate hair follicle and the whole organ of a hair; E. → with clearly visible state of regeneration of; (F) hair follicle tissue, (G) tube of hair shaft, (H) hair protein filament

A, B, C, D, E, F, G, H

使用K-19型多能干细胞标记跟踪皮肤器官原位再生过程
In situ skin organ regeneration was tracked by marking
keratin 19 pluripotent stem cells

PRC

活检取样区
Biopsy sampling area

全层坏死
Full-thickness necrosis

再生良好24小时后, 活检创面组织中出現K-19阳性细胞 (表皮多能干细胞)
24h post regenerative treatment, appearance of K-19 positive cells (epidermal pluripotent stem cells) in burned wound tissues.

活检区无K-19阳性细胞
There is no K-19 positive cell in skin

烧伤第4天, 皮下组织内出现大量增殖细胞 (K-19阳性表达细胞)
Four days after burn, a lot of proliferating cells (positive expression of K-19) showed up in subcutaneous tissues

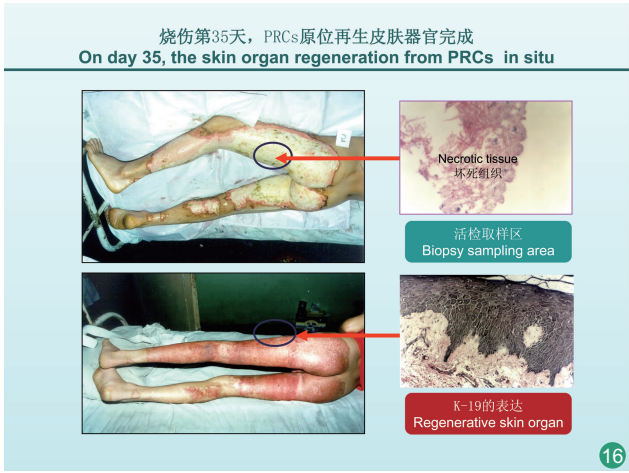
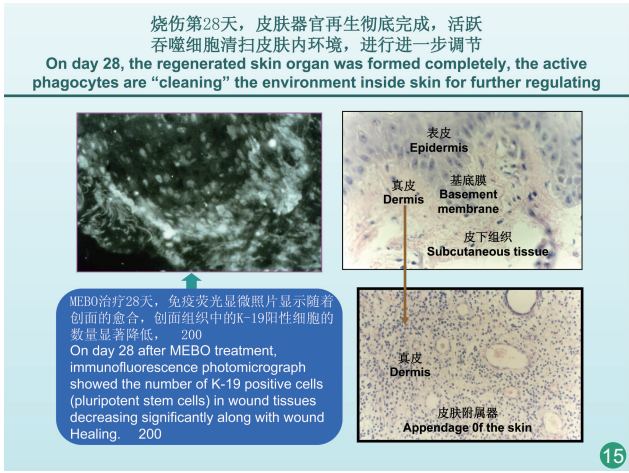
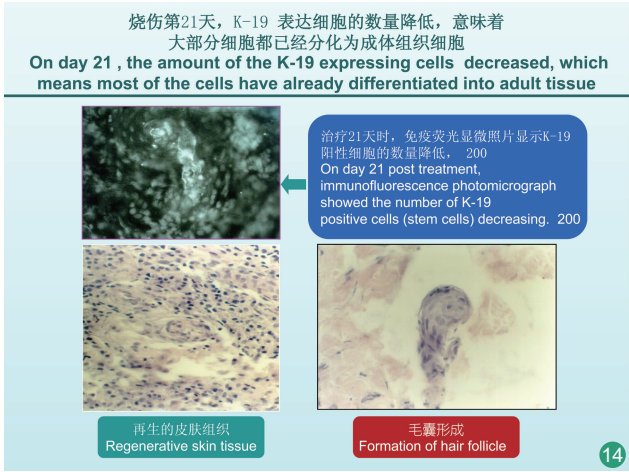
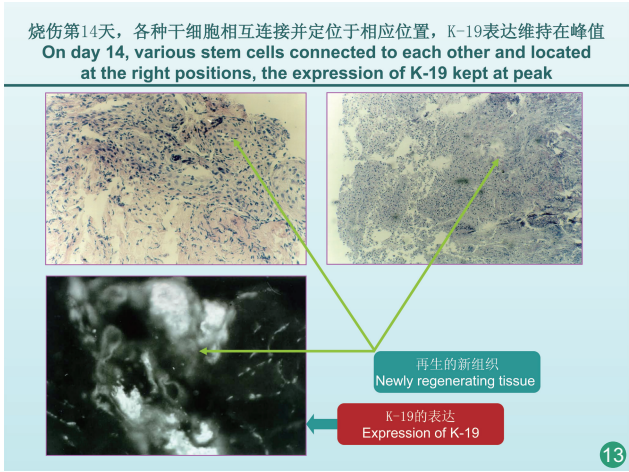
皮下组织中细胞(PRC)增殖
Proliferation of cells (PRC) in subcutaneous tissues

K-19阳性表达的干细胞的表达
Expression of stem cells with positive expression of K-19

烧伤第7天, 多能增殖细胞形成, K-19表达细胞数量达峰值
On day 7, multi-functional proliferating cells were formed and the amount of K-19 expression reached to the peak

多能干细胞形成
Formation of multi-Functional stem cells

K-19阳性细胞的数量达峰值
The amount of K-19 positive cells reaching to peak



4 人体再生复原科学的实践过程及实践成果

接下来将与大家重温一下人体再生复原科学的人体实践过程及实践成果。人体再生复原科学的应用程序是怎样的呢？人体的每一个组织和器官都存在 PRCs（人体再生复原科学的核心），而这个细胞需要被再生物质激活才能再生。PRCs 在再生物质的培养下将变成多能干细胞，再生新的细胞、组织，以替换机体中提前衰老的或疾病的细胞。此外，再生出的新细胞还会原位替换人体正常程序性的凋亡细胞。何谓提前衰老？研究显示，人类寿命其实可以长达 300 岁，但从现在统计的人类平均寿命来看，大家都属于提前衰老。例如，一位湖南籍的胃癌患者告诉我，人体再生复原科学挽救了她的生命，其机理就是再生出的正常细胞替代了癌细胞，细胞的再生还童作用使癌症患者康复。那么我们是如何验证这个细胞的呢？第一个验

4. Practical Achievements and Process of Our Science

Next, let's review the development and achievements of our Science. Then, what is the application procedure for our Science? PRCs exist in all our tissues and organs (core of our Science). PRCs can regenerate only after being activated by RNS. Cultured by RNS, PRCs will turn into pluripotent stem cells regenerating new cells and tissues to replace the aging and diseased ones. The regenerated cells and tissues will also replace the regularly apoptotic cells. Then, what can be defined as premature aging? According to research, human beings can live up to 300 years. However, it seems that all of us are suffering from premature aging according to current statistical data of human average life span. For example, our Science has helped a gastric cancer patient from Hunan province and saved her life based on the mechanism of replacement of cancer cells with regenerated normal cells. Cell's function of regenerative rejuvenation enable the patient to recover from cancer. How did we validate this cell? The first

证实验：取一段肠组织，将其处理成植块，并放入激活器中进行激活培养，很快就可以观察到一些组织细胞转变成了干细胞，这个最初增殖分化成干细胞的细胞就是 PRCs。一旦启动该项细胞增殖程序，细胞就会迅速增殖分化，最终形成新的组织器官。第二个验证试验：取一段肠组织，将其肠绒毛切除，然后用再生物质进行培养，一段时间后新的肠绒毛就会再生出来。

通过 PRCs 可以实现皮肤的原位再生复原。临床上在治疗皮肤烧伤时，外涂湿润烧伤膏，每 6 h 换药 1 次，并运用八项技术成功实现了烧伤皮肤的原位再生。通过多年的临床实践证明，烧伤创疡再生医学与疗法均可以实现正常皮肤、瘢痕皮肤、病变的原位再生复原。皮肤是人体最大的器官，既然皮肤的原位再生可以实现，那么其他器官的原位再生也必定可以实现。

最初，在中国乃至全世界，并没有病理组织学专家能够读懂 PRCs。当时，课题组的肖教授把应用烧伤创疡再生医学与疗法再生出的人体皮肤组织的病理切片送到几家大医院协助进行组织学检测，相关专家看后，认为 PRCs 是类似于炎性细胞的一种细胞。然而，他们为什么会下这样的结论呢？因为他们从未见过这样的原位再生复原的组织切片。最终，当烧伤创疡再生医学与疗法的治疗过程和研究结果被公布时，这些专家才承认这一实验结果是全新的，是他们从未见过的。

再生物质是什么？其实大家已经使用湿润烧伤膏 20 多年了，对再生物质应该也有所了解。再生物质是全新的营养学概念，我们称之为“再生营养学”。早在 1992 年，国务院召开保护湿润烧伤膏的专题会议时，我就已经介绍了湿润烧伤膏对皮肤所发挥的原位再生复原作用。PRCs 细胞在人体发育过程中一直处于沉睡状态，但当其摄入再生物质后，沉睡的 PRCs 细胞则被激活，发挥其原位再生复原作用。在烧伤研究中，最初认为创伤是创面修复的激活因素，但最终实现的却是创面的病理性修复。在一般的创面愈合过程中，总是先出现创周组织的胶原细胞生长，然后再出现创面的修复，而原位再生复原技术则不同，它首先实现的是

validating experiment is taking intestinal explants to be cultured and activated in activating device. Soon, some somatic cells convert into stem cells, the original cells converting into stem cells are PRCs. Once they are activated, the cells will rapidly proliferate and differentiate and finally form into new tissue organs. Then, in the second validating experiment, a part of intestinal tissue is taken and the villi are cut off, the tissue is cultured in RNS, and new villi will grow again soon.

PRC can help realize in situ regenerative restoration of skin. When treating skin burns clinically, MEBO is smeared topically, dressing change is made every six hours, and eight techniques are applied to achieve in situ regeneration of the burned skin. Years of clinical practice has verified that burns wounds and ulcers regenerative medicine and therapy is able to realize in situ regenerative restoration of normal skin, scarred skin and diseased skin. Skin, as the largest organ of human body, can be regenerated in situ, and so can other organs.

At the beginning, no experts in histopathology in China and around the world can really understand what is PRC. When Prof. Xiao sent the biopsy of human skin tissues regenerated via the application of burns wounds and ulcers regenerative medicine and therapy to several major hospitals, the experts determined that it is a kind of cell similar to inflammatory cells. Why did they make such conclusion? That is because they have never seen such biopsy of tissue derived from in situ regenerative restoration. Finally, they were convinced after the treating procedure and results of burns wounds and ulcers regenerative medicine and therapy were announced and confessed that the results are brand new and they have never known.

Then, what is RNS? We have all been familiar with RNS due to the past 20 or more years of working with MEBO. RNS can be regarded as a totally new concept in nutriology, we call it regenerative nutriology. In 1992, I have introduced its effect of regenerative restoration on skin tissues when State Council held special seminar for MEBO. PRCs “sleep” during the whole course of the human body development. However, when they are provided with RNS, they are activated to fulfill their function of in situ regenerative restoration. In research on burns, it is believed that trauma is the activating factor for wound healing. However, what we achieved is the pathological repair of tissues. Generally, in healing process of wounds, the collagenocytes will first appear followed by the repair of wounds. However,

创面干细胞的激活，增殖与分化，而后才是胶原细胞的生长，因此最终实现的是创面的生理性修复，这就是人体再生复原科学的特性。用一个形象的比喻来说明再生物质的特点：在卵胚发育成为完整的人体过程中，要“生”206个“孩子”，它们会各自发育生成人体的各个器官，最终生长成为完整的人体，在此期间，若供给它们相同的营养物质，它们也可以“活”，但若供给它们206种相应器官所需的营养物质，那么它们就会“活”的前所未有的好，这就是再生物质的营养作用特点。

人体再生复原科学的应用已经有很多成功结论了，我便是其中一例。图中的两张照片（见图17）分别是我40多岁和将近60岁的照片，变化大家显而易见，而这种变化是美容手术所不能实现的。皮肤是人体最大的器官，皮肤的变化代表着人体内部器官的变化，而原位再生复原技术不仅可以实现皮肤的年轻化，还可实现人体其他器官的年轻化。接下来的这组图片（见图18）是一位志愿者在2007年（54岁）与2014年（61岁）的皮肤对比照片，观察其外貌，显然已经返老还童了，如今的她比2007年更显年轻。女士想保持年轻、漂亮，那么男士也一样。通过对一位老年男性志愿者2005年（88岁）与2013年（96岁）的对比发现，其不仅容貌返老还童，而且身体更加健壮，精神矍铄，如今96岁高龄的他看起来比88岁时更加年轻了。

by adopting our Science, the stem cells on damaged skin will first be activated, proliferated and differentiated followed by the growth of col-
lencytes, thus finally realizing physiological repair of wounds. A vivid
metaphor might be used to elucidate the characteristics of RNS: Dur-
ing the course developing into a whole body, the embryo gives birth to
206 “Children” who will develop into various organs and constitute
the whole body. In this period, they can survive if same nutritional
substances are supplied, however, they can live unprecendently bet-
ter if the corresponding 206 kinds of RNS are supplied. This is the
feature of RNS nutritional function.

The application of our Science has been proved successful for
many times, I am just one of them. My two pictures in figure
(Fig. 17) are taken at about 40 and nearly 60 respectively. Everyone
can find the difference. However, it is hardly achieved in cosmetic
surgery. Organs will be rejuvenated if the skin is regenerated, be-
cause skin is the largest organ in the human body and its change re-
presents the change of internal organs. In situ regenerative restoration
technology can make your skin and even all your other organs rejuven-
ated. The next group of photos (Fig. 18) is skin comparison of a
volunteer when she was 54 in 2007 and 61 in 2014. You may find
from her appearance that she is younger now compared with herself in
2007. Ladies want to keep young and beautiful. So do gentlemen.
Through comparing conditions in 2005 (88 years old) and 2013 (96
years old), he is rejuvenated and turns stronger. Now, he is 96, but
looksyounger than himself at 88.



5 人体再生复原科学产生人类再生生命新世界

人体再生复原科学如今已经有了实践新成果，那么以后的发展方向如何？使命又是什么？用一个词可以概括：改天换地。

改什么“天”？就是要将人体再生复原科学作为生命科学的主导者。某些器官的器质性病变是现代医学发明者希波克拉底及其后人未能解决的难题，而我们不仅要利用人体再生复原科学解决器官顽疾，还要延长人类寿命，使人类真正享受再生生命幸福生活。这就是我们要建立的天。

换什么“地”？就是以国家为单位，利用各国的政治、经济力量，去完成人体再生复原科学造福于全人类的伟大使命。我创立了人体再生复原科学体系，并向全世界宣布了科研成果，但要将这些科研成果造福于人类，是要靠全世界人民共同完成的，是要靠各国政府共同携手承担的，而我只是一名普通医生，没有能力承担如此重大的责任。在这个信息爆炸的时代，每一个承担与不承担这份责任的国家都将曝光于人类发展的历史簿上。人体再生复原科学领域里面没有科学家，只有应用人员，而他们的任务就是将人体再生复原科学的研究成果应用于人体。人体再生复原科学的价值到底有多大？实际上就是通过改天换地来产生一个再生生命世界。

接下来将为大家展示原位再生复原技术的实验结果。中年大白鼠喂养试验中，再生物质喂养组的大白鼠，在喂养到两倍年龄时不但没有死，而且还变得更加年轻，而普通喂养组的大白鼠却都死了，再生物质喂养组大白鼠的所有器官都被再生更新，某些衰老器官经过再生更新后，通过新的染色方法都可以明显表现出来（见图 19）。这个试验结果是向人们昭示，再生物质不仅可以使细胞再生更新，还能够满足人类“长生不老”的愿望（人类可以活到 200 岁到 300 岁），但这需要很多复杂的技术共同作用才能实现。人体内部器官的再生复原结果（见图 20）：左图是衰老的肠壁、肠腺、肠绒毛等胃肠组织，右图是再生复原年轻的肠壁、肠腺、肠绒毛等胃肠组织。下图展示的是 20 岁到 70 岁的胃肠组织变化情况（见图 21 - 25），随着年龄的增长，20 岁时年轻的胃肠组织逐渐

5. Our Science Bears Human Regenerative Life World

Our Science has made new practical achievements. How can we develop in the future? What is our mission? It can be summed up In one word: change “sky” and “ground” (meaning change the world).


What “sky” is going to be changed? We will turn our Science into a leader of world life science. Organic diseases of some organs have not been solved by modern medicine founder Hippocrates and his followers. For us, we will use our Science not only to cure refractory organ diseases, but also to prolong human life span and help them actually enjoy happy living of regenerative life. This is the new “sky” we’ll create.

What “ground” is going to be changed? It is to fulfill our Science’s mission of benefiting all humans with the use of the political and economic capacities of various nations. I established the system of our Science, and declared our scientific achievements to the whole world. But using these scientific achievementsto benefit human beings depends on the joint effort of all people and cooperation of all nations around the world. I am an ordinary doctor and incapable of undertaking such heavy task. In this explosive information era, every nation bearing this responsibility or not will be exposed in human history. In this field, there are no scientists, but technicians. Their task is to apply the study results of our Science in human body. How big is the value of our Science? Actually, it is creating a world of regenerative life by changing “sky” and “ground”.


Next, let’s review the experimental results of our Science. The feeding experiments of mid-age rats showed that rats in RNS feeding group can survive and turn younger at age two times of their average life span, while the rats in ordinary feeding group all died. All their organs of the rats in RNS feeding group are regenerated and renewed, with apparent presence of some regenerated and renewed aging organ by new staining methods (Fig. 19). This result indicates that RNS can regenerate and renew cells and prolong life span of human beings (up to 200 to 300 years). However, this can only be achieved with joint effect of many complicated techniques. Figure (Fig. 20) shows the effect of regenerative restoration of human internal organs; on the left is gastrointestinal tissues of aging intestinal wall, gland and villus and on the right is regenerated and rejuvenated gastrointestinal tissues. Figure (Fig. 21 - 25) belowshows the changes of gastrointestinal tissues from 20 to 70 years old. And, with time goes by, young intestinal

实验性人类再生生命长度的研究结果——再生喂养
雄性大白鼠研究已获两倍寿命时不衰老的结果
Experimental clinical study results of human regenerative life span


300天
On Day 300



再生喂养
Regenerative feeding



826天
On Day 826



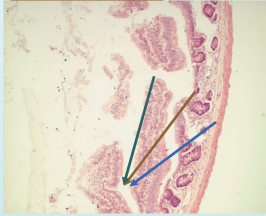
使用某种雄性大白鼠：平均寿命480天
Use certain kind of male rats: average life span is 480 days

两倍寿命时各器官组织显示更年轻
Younger organs were observed in the rats aged double of its average life span

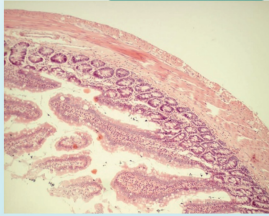
19

肠道的再生还童反映了全身内脏器官的同步再生还童
Regenerative rejuvenation of the Intestine reflects the simultaneous regenerative rejuvenation of the whole body visceral organs

对照组衰老的肠道
Senescent Intestine was observed in control group



研究组再生复原的肠道
Rejuvenation of Intestine realized in study group

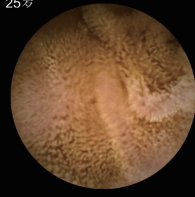


对照组回肠，HE染色×200
与再生研究组对比，黏膜严重退化，肠腺较少
Ileum tissue in control group, HE staining, ×200 Showing the heavily degenerated mucosa with less intestinal glands compared to regeneration group

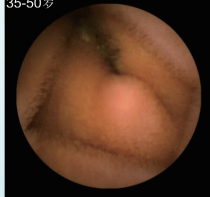
再生组回肠，HE染色×200
黏膜较厚，肠腺和绒毛丰富
Ileum tissue in regeneration group, HE staining, ×200 Showing thick layer of mucosa, plenty of intestinal glands and villi

20

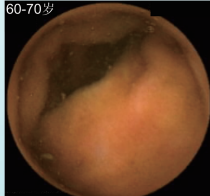
25岁
~ 25 years



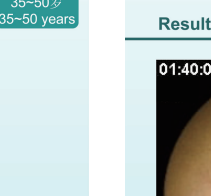
25岁



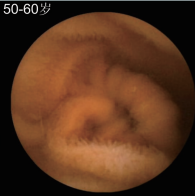
35-50岁



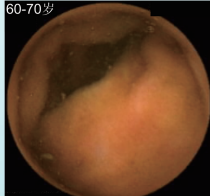
35-50岁
35-50 years



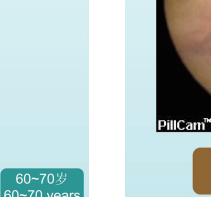
50-60岁




60-70岁



50-60岁
50-60 years




60-70岁
60-70 years



21

内脏器官再生还童结果
Results of internal organs' regenerative rejuvenation are shown below

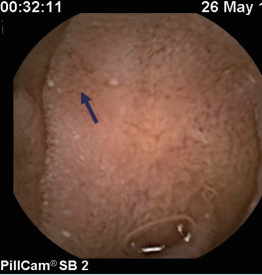
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PillCam® SB

衰老的黏膜绒毛
Aged mucosal villi

00:32:11 26 May 11



PillCam® SB 2

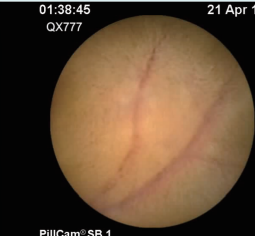
还童的黏膜绒毛
Rejuvenated mucosal villi

22

1年期再生还童情况（40岁年龄组）
Intestinal status of one-year regenerative rejuvenation of 40 age group

空肠 Jejunum


01:38:45 21 Apr 10
QX777



PillCam® SB 1

再生复原前的衰老状态
Aging status before regenerative restoration

01:33:28 26 May 11
QX777



PillCam® SB 2


再生复原后的年轻状态
Young status after regenerative restoration

23

3年期再生还童情况（60岁年龄组）
Intestinal status of three-year regenerative rejuvenation of 60 age group

空肠 Jejunum

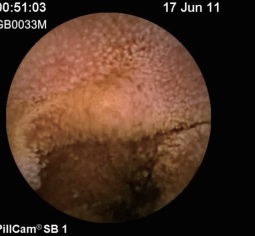
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PillCam® SB 1

再生复原前的衰老状态
Aging status before

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PillCam® SB 1

再生复原后的再生还童状态
Young rejuvenated status after

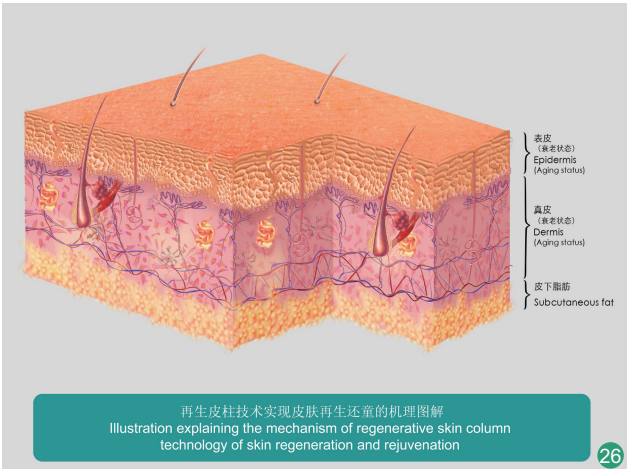
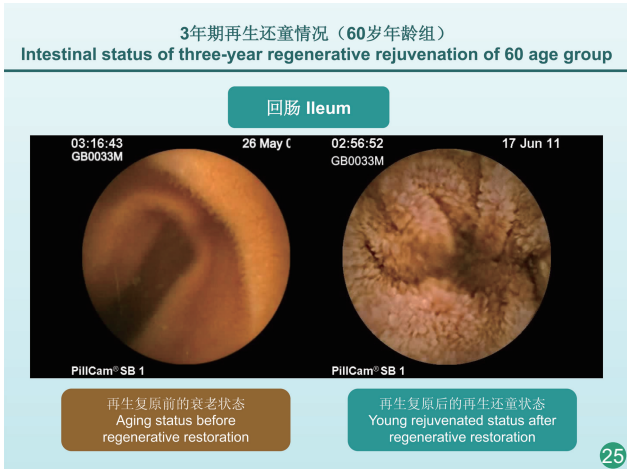
24

变成 70 岁时衰老的胃肠组织，人体再生复原技术就是要把 70 岁衰老的胃肠组织变回 20 岁年轻的胃肠组织，而这些我们现已成功做到。美国的再生科学领袖曾讲道：“我们建立一个体外试验模型都很难，而人体再生复原科学已经原位再生出器官了。” 下一步我们将在全世界招募 300 个案例进行公开再生还童，让衰老的胃肠在 1 年之内复原年轻。

介入再生技术是一种把可吸收的再生物质利用物理技术导入到器官组织中，使其局部发挥再生复原作用的新技术。该项技术的实施仍然要从皮肤试验开始（见图 26）。通过激光、针刺、射频、注射等各种物理技术，在衰老皮肤上打出微孔，并将再生物质导入其中，以激活、启动 PRCs，使其不断增殖、分化形成各种组织，试验观察可见，注入再生物质 3 d 后，微孔中就被再生出的新组织填满了，我们称其为皮柱。图中可以看出（见图 27），再生物质通过微孔注入真皮后，其内先出现血管的再生，而后才出现真皮组织及皮肤附属器官的再生。由此可以证明，在皮柱形成过程中，血管再生在先，其他组织再生在后。皮柱形成初期会凸出皮肤表面，这是因为衰老细胞再生更新为正常细胞后，体积会变大，因此每一个再生的皮柱都会凸皮肤表面；皮柱再生至第 5 天，皮柱中的组织器官就会完全形成并凸出皮面，5 d 后继续供给皮肤再生物质，此时皮柱周围皮肤中的 PRCs 就会快速被唤醒，并原位增殖、分化，再生出正常的皮肤组织器官，使皮柱周

tissues of 20’s will turn into aging ones of 70’s. Our science is to help those aging ones rejuvenate into younger ones. And we have successfully achieved this. US life science giants once said that they felt difficult to build an in vitro test model. However, human body regeneration science has regenerated organs in situ. Our next step is to invite 300 people for public test of regenerative rejuvenation and regenerate and rejuvenate their intestinal tract within one year.

Interventive regeneration technique is a new technique to physically introduce absorbable RNS into organs and tissues and let them exert the function of regenerative restoration locally. Implementation of this technique also starts from skin test (Fig. 26), we introduced laser, acupuncture, radio frequency and injection to drill tiny holes on aging skin and help RNS get into the holes to activate PRCs for continuous proliferation and differentiation into different tissues. As seen in observation, the tiny hole is filled with newly regenerated tissues on the 3rd day after introducing RNS. We call it skin column. As shown in figure (Fig. 27), after RNS being introduced into dermis through tiny holes, the regeneration of blood vessels happens first and then the regeneration of dermis tissues and skin appendages. So it is demonstrated that , in the process of skin column formation, blood vessels are regenerated first and other tissues are regenerated later. At the early stage of its formation, each skin column extrudes over the skin surface because the newly regenerated normal cells are larger than previous aging cells. On the fifth day of skin column regeneration, the tissue organs inside the skin column will complete formation and extrude over the skin surface. Five days later, keep introducing RNS and PRCs around the skin columns will be rapidly wakened and proliferate



围的低洼皮肤也被抬高（这是因为更新后的细胞会产生很多再生因子，在再生物质和再生因子的共同作用下，衰老细胞凋亡及再生更新加速）；直至第 4 周，皮肤中各种组织细胞更新完成，皮肤组织器官的再生复原也告一段落（见图 28）；此后的 4 周时间里，还需继续供给再生物质，以对新生皮肤进行进一步的生理调整，整个皮肤的再生复原过程大致需要 2 个月才能完成（见图 29）。以上过程与烧伤创面的生理性修复过程是一致的，所需的时间也是基本相同的。需要说明的是，接受这项技术治疗的患者，在治疗过程中不会痛苦，不会影响正常生活和工作。

以上所讲的再生皮柱法与美容不同，它是皮肤组织器官的原位再生，大家以此可以深入了解皮肤组织器官的再生更新过程，这项技术将来也会应用于内脏器官的再生更新中。将人体的衰老皮肤组织器官原位再生出新的皮肤组织器官，实际操作过程只需 5 d，后续的再生则完全由器官自主进行。此项技术属于器官再生，是一门独立的科学体系，因此，我们不会通过任何美容机构进行推广。

肝脏等其他器官的再生技术类似于皮肤再生技术，即使不能像皮肤那样直接注入再生物质也可以实现其再生，只是需要的时间更长而已。由于时间关系，就不再此一讲解了。

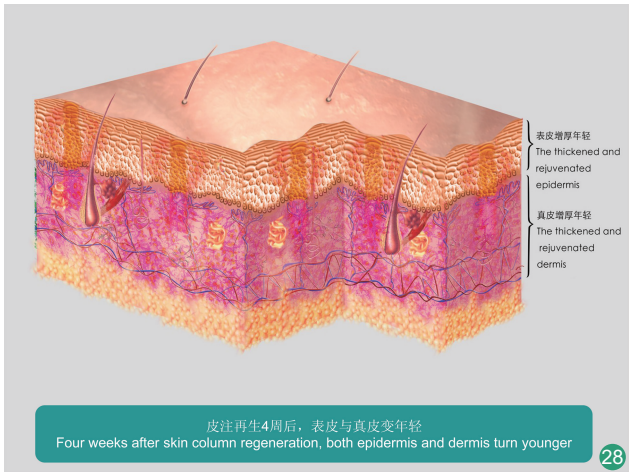
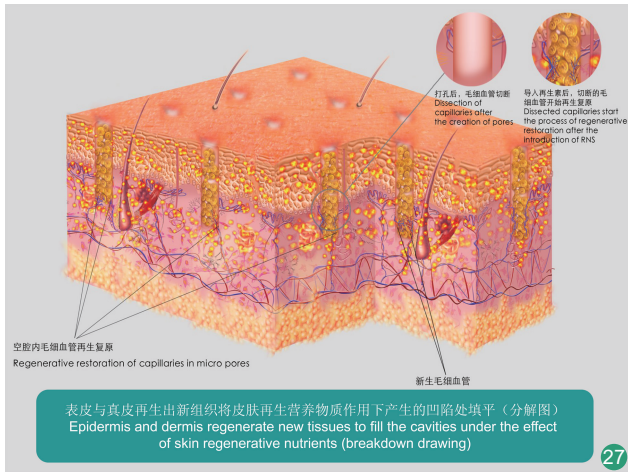
人体再生复原科学不仅可以使皮肤、内脏器官原位再生，而且还攻克了癌症这一世界难题（见图 30 - 31）。上文提到的那位胃癌患者，

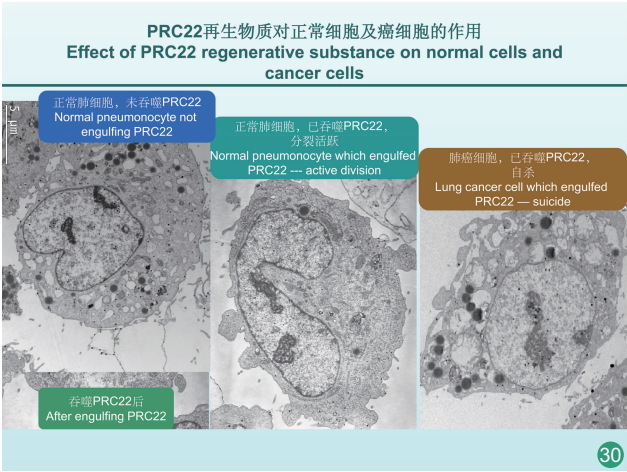
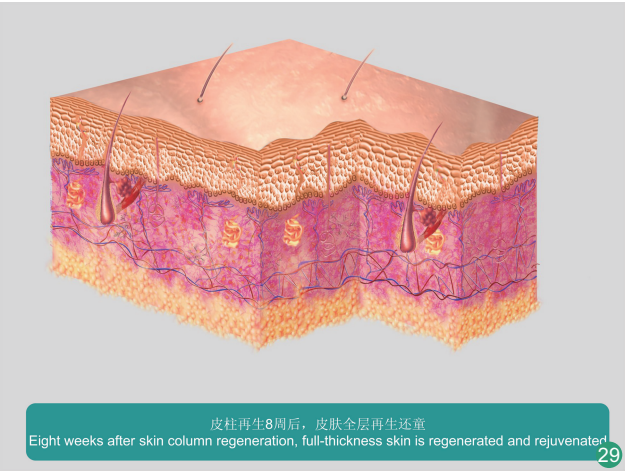
in situ and differentiate into new skin tissues and organs. And the skin in lower section around skin columns will be lifted (that is because the regenerated cells will produce many regenerative factors and the aging cells will renew more rapidly under the effect of regenerative substances and factors). Until the fourth week, various tissue cells in skin will finish their renew and the regenerative restoration of the skin come to an end (Fig. 28). In the following four weeks, RNS shall be continuously provided for further physiological readjustment of the newly regenerated skin. The whole process of skin regenerative restoration will complete in about two months (Fig. 29). This process is same as the process of physiological repair of burn wounds and needs similar time. Please be noted that patients receiving this technology treatment will be free from pains and their work and life will not be interrupted.

The above-said regenerative skin column method is different from cosmetic therapy, it is in situ regeneration of skin tissue organs. By this way, people can understand well the whole process of skin tissue organs regeneration and renew. This technology will be applied to the regeneration and renew of internal organs in the future. The actual operation procedure of regenerating new skin at site of aging skin takes only five days, and the subsequent regeneration is done automatically and independently by those organs themselves. This technology belongs to organ regeneration, which is an independent scientific system. Therefore, we will not promote it through any cosmetic organizations.

Regeneration technology for liver and other organs is similar to that of skin. Even though RNS can not be introduced directly into liver as did for skin, liver can still achieve regeneration except that it takes longer time. There is no time today to discuss them one by one.

Besides achieving the in situ regeneration of skin and internal organs, our Science can also solve the global challenge of cancer (Fig. 30 - 31). The gastric cancer patient mentioned above is saved





就是通过人体再生复原科学挽救了他的生命。现在真正阻碍再生复原技术治疗癌症的不是该项技术不能发挥攻克癌症的作用，而是进入癌细胞内的再生物质不能达到所需剂量，因此，我们正在进行纳米技术研究以求解决该问题。

6 人体再生复原科学造福人类的推进方案

人体再生复原科学造福人类的计划推进的如何呢？上文已经提到，我国政府早已将人体再生复原科学的相关技术在全国推广普及应用，现在美国政府也已将其纳入发展国策，并且其他国家政府也有合作意向。既然如此，我们建立的就不是国家级的科学团队，而是国际性的科学团队，我们将把人体再生复原科学交给这个科学团队去发展，使其真正造福于世界人民。也就是说，我们将把人体再生复原科学的全部知识产权免费赠予这个科学团队，让能够成功完成这个使命的成员国去实施该项技术。

接下来，我们将投资 2 亿人民币，请著名导演指导拍摄人体再生复原科学的大型电影。这部电影将包括一些国家领导人在人体再生复原科学发展过程中给予的支持与帮助。如果没有我国政府的支持与保护，人体再生复原科学的发展之路将会更加坎坷。在此，我们的确应该思考我国的生命科学应该怎样崛起？

在教育方面，我们也在努力向全世界推进这项科学。美国南加州大学现已成立“再生还童应用科学院”（见图 32），下一步还将会在该校面向全世界培育再生科学带头人。希望在座

by our Science. The only obstacle lying ahead in the development of our Science is not the capability of curing cancers, rather, it is its inability to have required amount of RNS in cancer cells. Therefore, we are studying nano-technology for the solution.

6. Promotion Plan of Our Science to Benefit Human Beings

Then, how did the promotion plan of our Science to benefit human beings proceed? As mentioned previously, China government has promoted and applied it nationwide earlier, and the United States has now included it into national development policy. At the same time, governments of other nations have also shown intentions of cooperation. Therefore, we are now building an international scientific team, rather than a national one. We assign the task of development of our Science to the team to benefit all peoples. In other words, we provide all our intellectual properties regarding our Science to the team for free and ask the member nations capable of accomplishing this mission to implement this technology.

Next, we will invest 200million yuan to invite famous director to shoot a film theme for our Science. The film will show the support and assistance of national leaders in the development of our Science. Without the support and protection of our national government, our road of development would be even tougher. So, we reallyneed to think of how our country’s life science rises.

In terms of education, we are trying to promote our science to the world. In South California University, Institute of Applied Science for Human Regeneration and Rejuvenation has been established (Fig. 32). Next, we will train in the university leading persons of

临终癌症患者的再生生命
Regenerative lives of terminal stage cancer patients

2008年1月，在全国范围内，对364例临终癌症患者进行再生生命抗癌，4个月成活率为62%；接受再生养生在线指导的190例患者的两年成活率为82%，5年以上成活率为20%。
In January of 2008, 364 cancer patients at terminal stage were enrolled in the program of anti-cancer action via regenerative lives; 4-month survival rate was 62%.
Among 190 patients receiving regenerative Health promotion under online instructions, 2-year survival rate was 82%, 20% survived beyond 5 years.



31

Education



美国南加州大学成立“再生还童应用科学院”
Institute of applied science for human regeneration and rejuvenation, USC

32

的各位同仁继续深入学习人体再生复原科学，为日后的国际培训做好准备。此外，我还计划在欧洲建立一个博士生教育基地，以培育人体再生复原科学的高精尖人才。

今天，我们不仅回顾了人体再生复原科学的发展历程，温习了人体再生复原科学的相关知识，同时还分享了人体再生复原科学的实践成果及未来的发展计划。通过以上介绍大家可以看出，人体再生复原科学已在世界生命科学界独领风骚，成为造福于人类的前沿科学，它在给人类带来健康的同时，也蕴藏着巨大的经济潜能。随着人口老龄化进程的加速，人体再生复原科学将成为未来世界经济发展的重要支柱，这就意味着谁先推进人体再生复原科学，谁就将成为世界经济的领导者。

谢谢大家！

（根据 2014 年 5 月 9 日演讲录音整理）

regenerative science coming from all around the world. I hope everyone presented today continue to learn human body regenerative restoration science to prepare for future international training. In addition, I plan to set up a doctorate education base in Europe to raise top elites of our Science.

Today, we reviewed the development process of our Science and the related knowledge. Also, we shared the practical achievements and future development plan of our Science. Through the introduction above, it is known that our Science is now prevailing in the world life science circle and has become cutting-edge science benefiting all peoples. It benefits all peoples health and meanwhile bears great economic potential. With the accelerated process of population aging, our Science will become major economic pillar of future economic development, which means that whoever promote our Science earlier will become world economic leader.

Thank You.

（Complied according to the voice record of the lecture on May 9 2014）