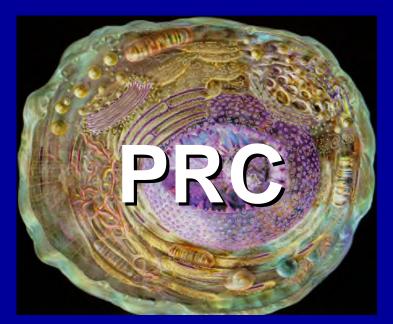


# Initiate Body's PRC Regenerative Life



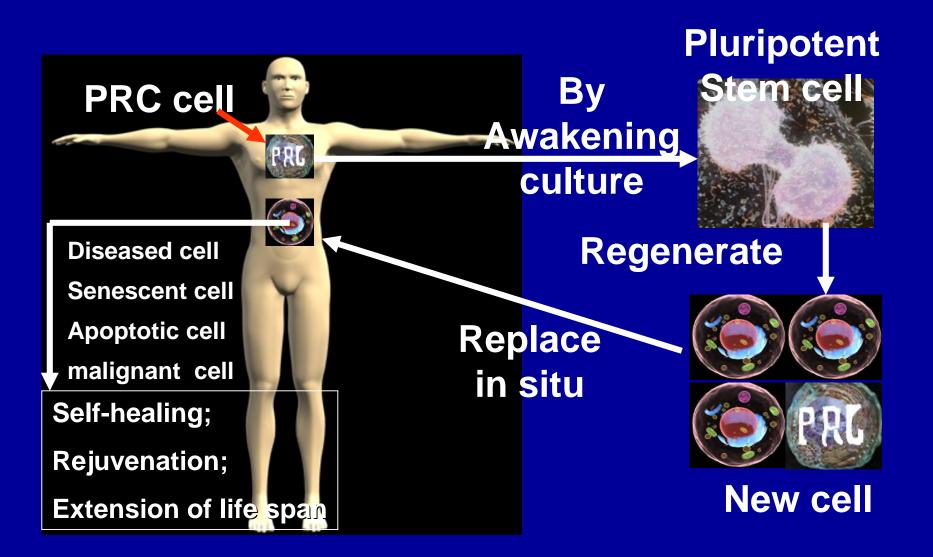
#### Tell the world:

A type of cell having potential regenerative function exists in the human body. We patented and named it as PRC



This is the human regenerative life

### **Body's PRC Regenerative Life**



### [Concept]

### <u>RNS</u>

- Regenerative nutritional substance
- A specific combination of nutritional ingredients which can awaken and nourish the PRC in the human body to exert its function, etc.



#### **Preface**

The Existing circumstances of Cutting-edge life science are:

Route of modification of body's own gene and cell

Route of initiating body cell's regenerative potential

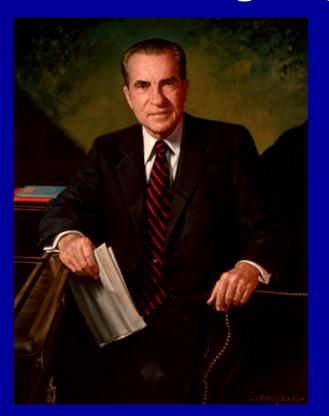
Watson:

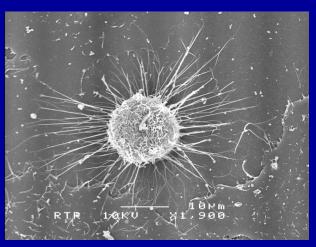
Nothing, NOW!

Formed a comprehensive applied system of "Organ Regeneration Science"

Preface 2-1

#### **Annals of Cutting-edge Life Science**

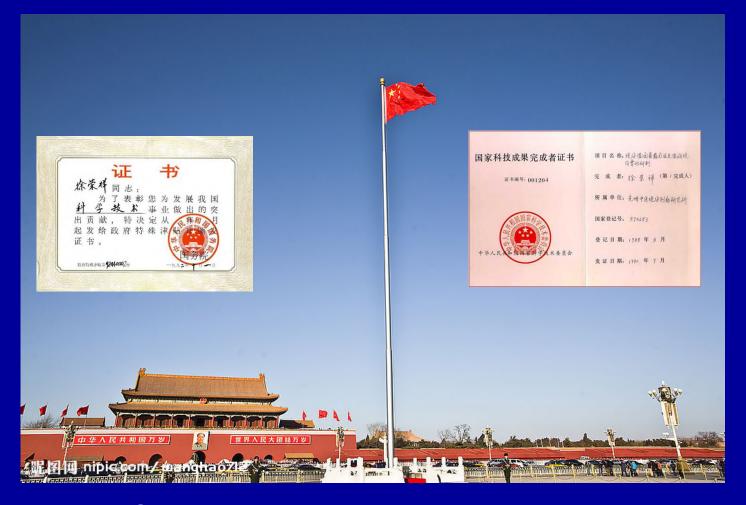




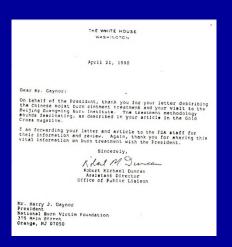
In 1971, then-U.S. President Nixon signed "The National Cancer Act", swearing to conquer cancer within 10 years. Yet it is still unconquered till now



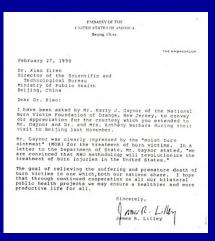
On March 21, 2013, Professor Watson, the "father of gene", announced in California, U.S.A. that gene treatment research is of no value based on studies over the past decades.



In 1988, Chinese government approved and added my burns regenerative technology and therapy on the list of great national scientific and technological achievements as well as national new drugs to be popularized across the country.







In 1990, then-U.S. President George H. W. Bush instructed his office to write a letter requesting to introduce my Burnt Skin Regeneration Technology in to U.S., i.e. the earliest practical application of "Organ Regeneration Science".

### Press release conference of burn regenerative therapy was held in NJ,USA,1990









Preface 5-1

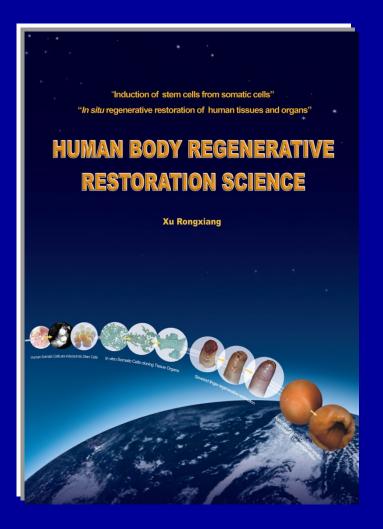


2000-2002, I gave keynote presentations in the topic of "somatic cells regenerate organs" on several international stem cell and regenerative medicine conferences which representatives of President Bush also attended.

Preface 5-2



After 2005, United States Patent and Trademark Office (USPTO) granted me privileged patent platform of "Organ Regeneration Science"; till now 29 patents of regenerative science have been granted (including those from China and Europe, etc.).



In 2009,

"Human Body Regenerative Restoration Science" was published

Preface 6



In 2008, U.S. President Bush incorporated our patented basic scientific route "converting somatic cells into pluripotent stem cells" into the U.S. national development policy in purpose of avoiding the ethical issues of embryonic stem cell study. But, this is usurped by "fake pluripotent stem cell".



In 2010, the Institute of Applied Science for Human Regeneration and Rejuvenation was founded in the University of Southern California (USC), USA.



In 2013, President Obama oriented the national policy of life science development directly on my patented route of applied science of "damaged organ regeneration".

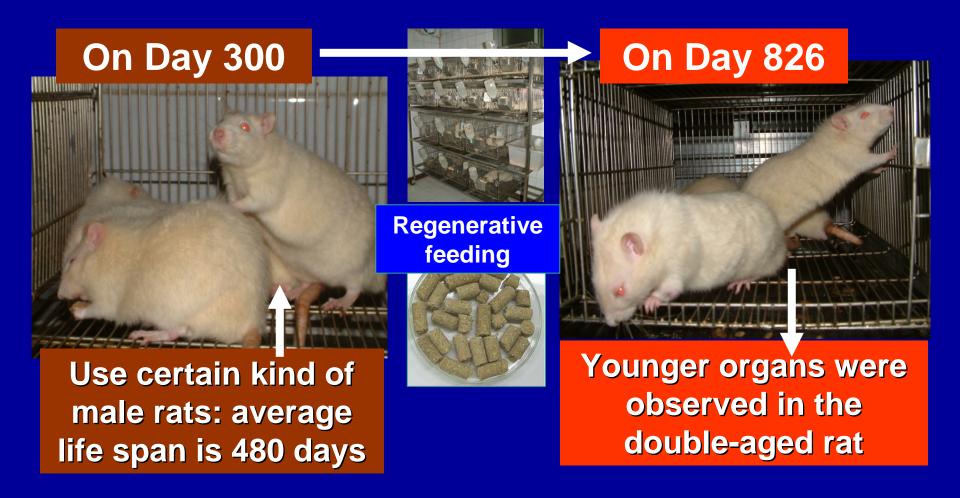
# Initiating Human Body's Innate Regenerative Life

- Application results of initiating human body's PRC regenerative life
- II. Invention of the regenerative life entity-PRC
- III. Procedure and mechanism of regenerative life
- IV. How to access your own regenerative life
- v. The world of regenerative life

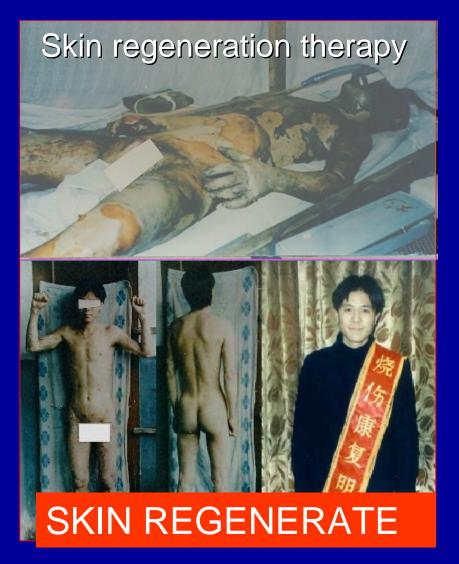
### Part |

Application Results of Initiating Human Body's PRC Regenerative Life

## **Experimental Clinical Study Results of Human Regenerative Life Span**



## Skin Organ Regenerative Restoration of Extensive Deep Burns

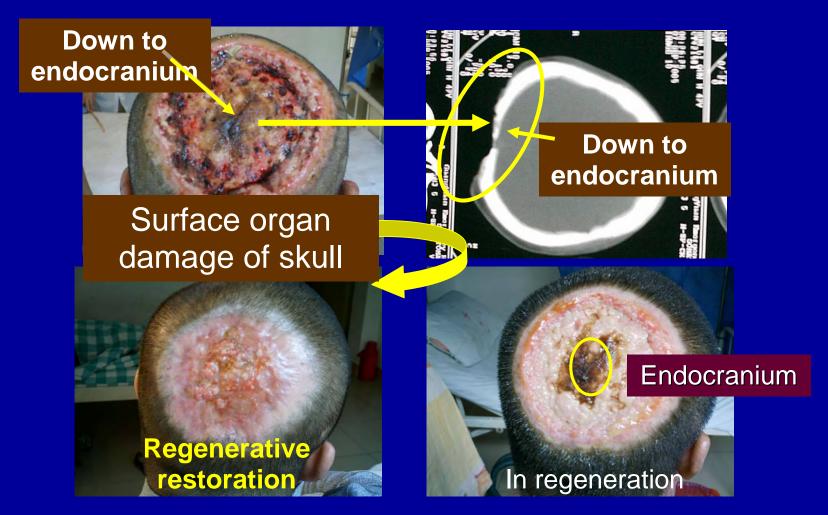




#### **Skin Regeneration in Extensive Deep Burns**



## Regenerative Restoration of wound ulcer >5 million wound ulcer patients



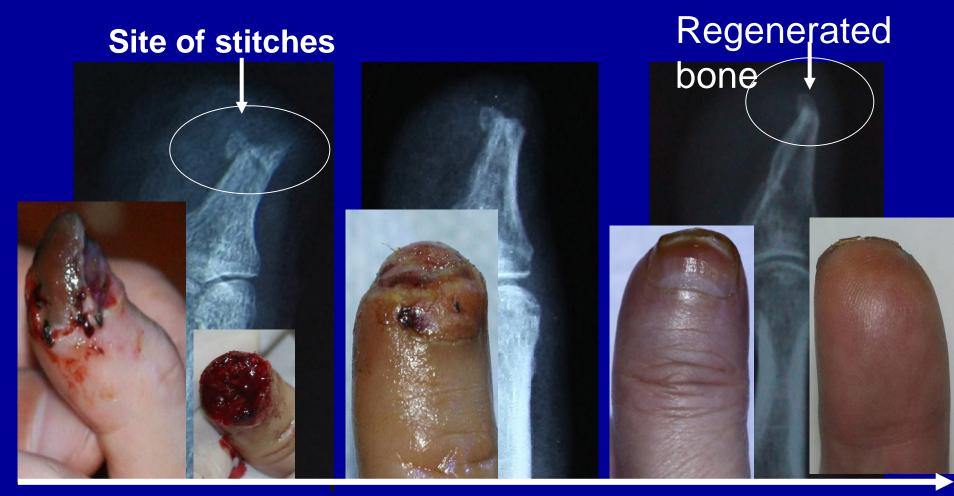
### Regenerative Restoration of A Severed Finger

Regenerative restoration of severed finger has been developed and promoted in clinic since 1989, which is a simple practice both in hospital and household.





# Regenerative Restoration of A Severed Finger



Nov.1, 2008

Mar.9, 2009

May 9,2009

# Skin Subcutaneous Tissue Regeneration of Diabetic Foot Ulcer



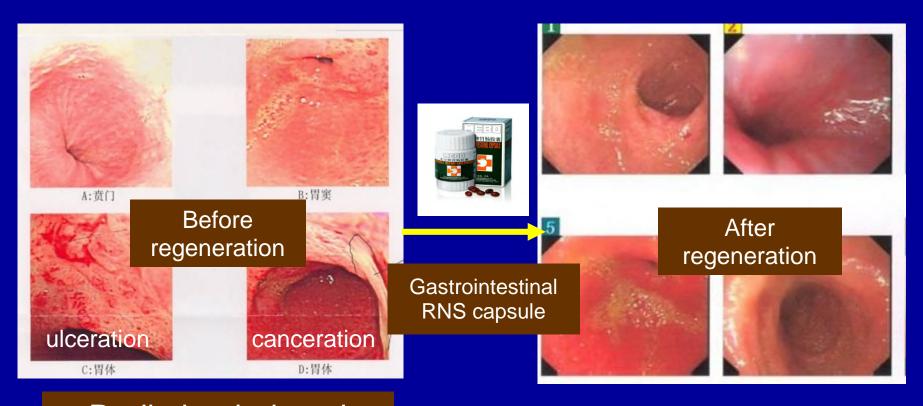
### Regenerative Elimination of Human Scar



**Attending Doctor: Tan Jun** 

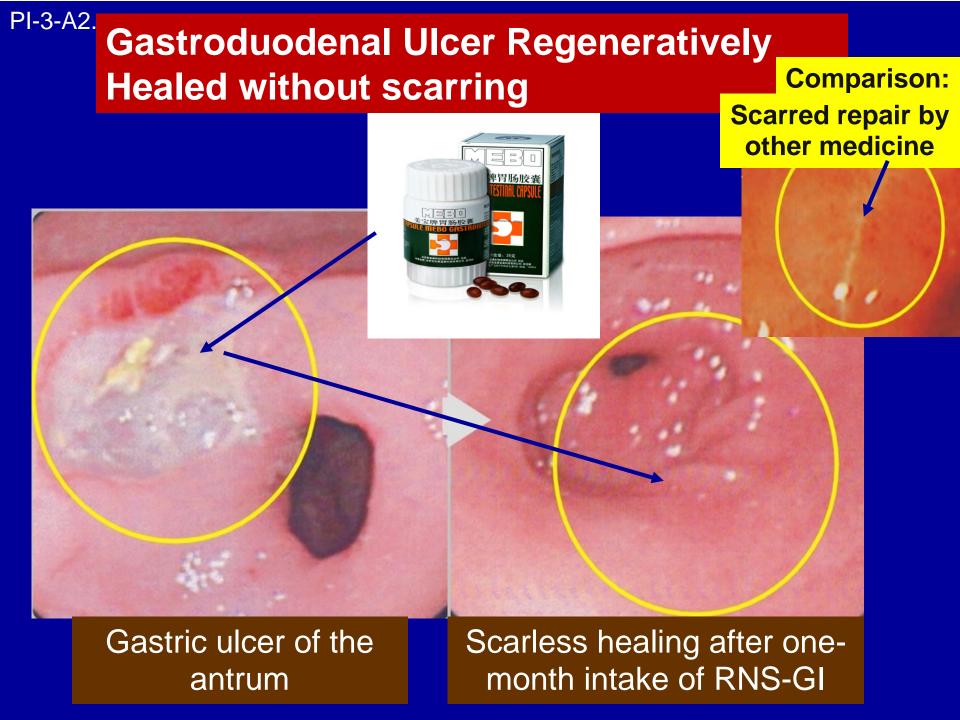


### Incurable Human Radioactive Gastric Ulcer Healed with Regenerative Restoration



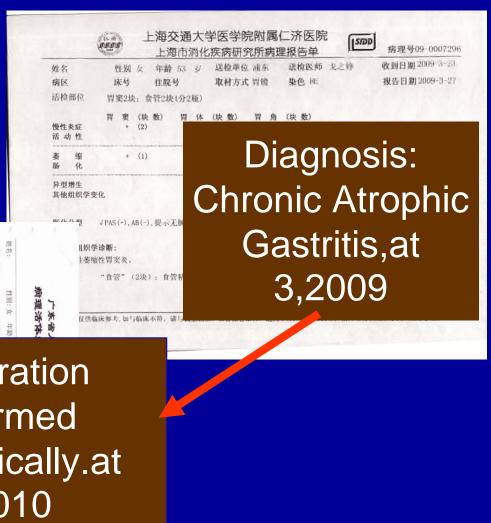
Radiation-induced gastric ulcer, gastric cancer

Scarless healing



### Regenerative Healing of Chronic Atrophic Gastritis (CAG);

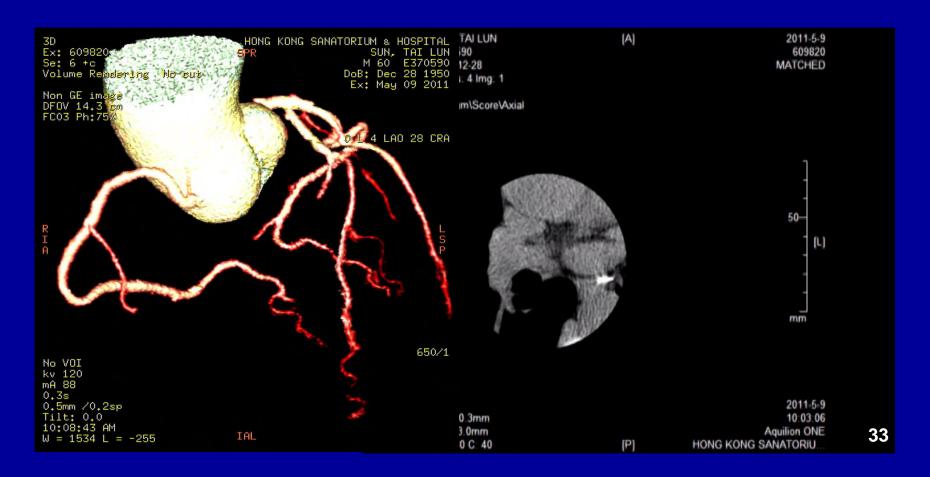
CAG is the prophase lesion of gastric cancer, and there is no other scientific solutions to stop, alleviate or cure it.



Restoration confirmed histologically.at 8,2010

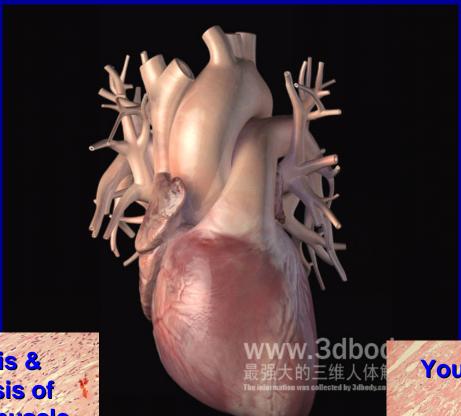
# Regenerative Restoration of Coronary Heart Disease (CHD)

E.g. the progress of heart regenerative restoration and regenerative rejuvenation is detected by modern medical examinations, followed by restoration of physiological structure in order to establish the criteria.



## Regenerative Rejuvenation of the Cardiac Muscle

Various
diseases
related with
cardiac muscle
fibrosis



Achieved regeneration to eliminate cardiac diseases

Fibrosis & apoptosis of cardiac muscle

RNS for cardiac muscle

Young cardiac muscle

## Regenerative Rejuvenation of the Blood Vessel

Blood vessel fibrosis & sclerosis

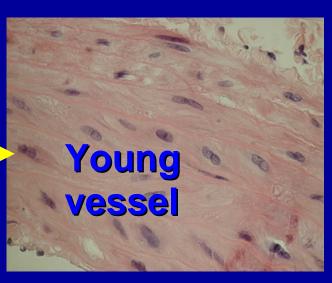




Achieved elimination of CHD & blood vessel fibrosis diseases



RNS for blood vessel



## Regenerative Control of Hepatic Fibrosis



#### **Case: to eradicate liver fibrosis**

30-year liver fibrosis, spleen swelling (7.4cm) behind ribs, now all restored to normal state. Relevant lab test results were normal.



## Regenerative Restoration of Pulmonary Fibrosis





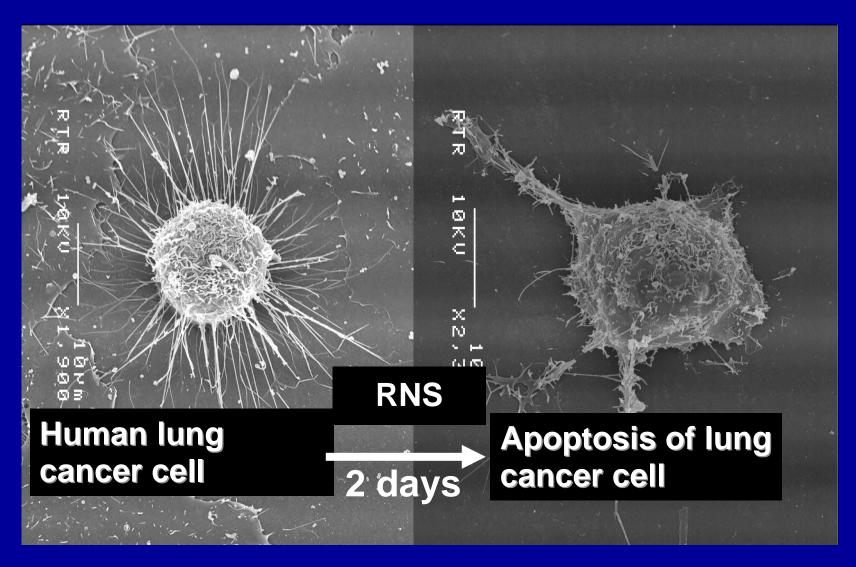
Achieved elimination of lung fibrosis diseases

**Young lung** 

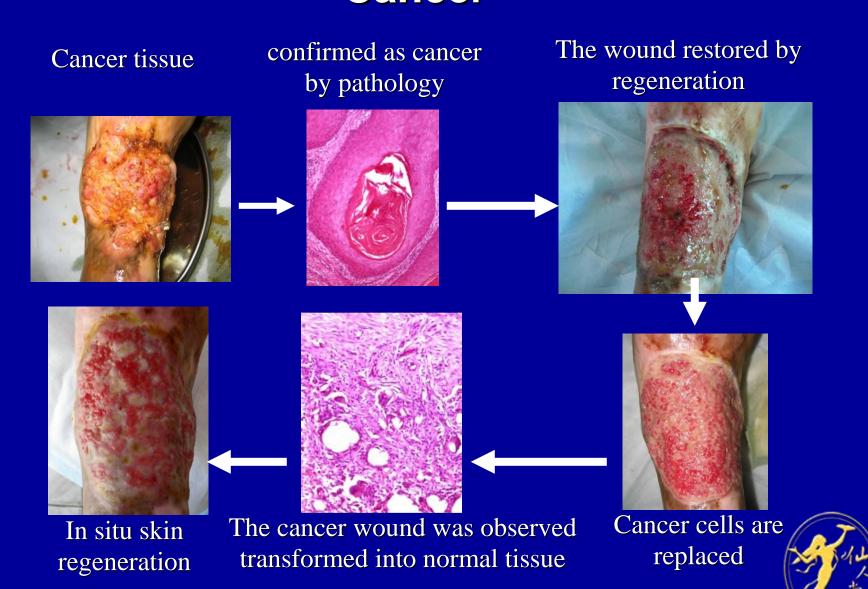


RNS for lung

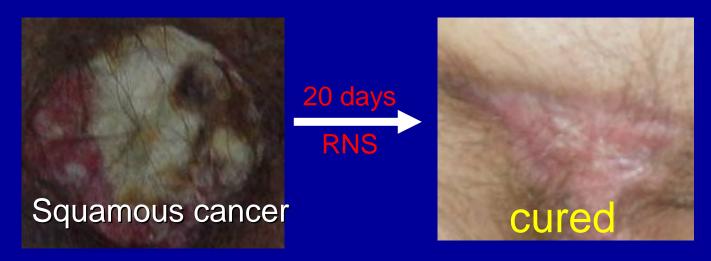
# Anti-cancer Effect of RNS (SEM)



## Using RNS to Eliminate Skin Cancer



### Regenerative Healing of Skin Cancer

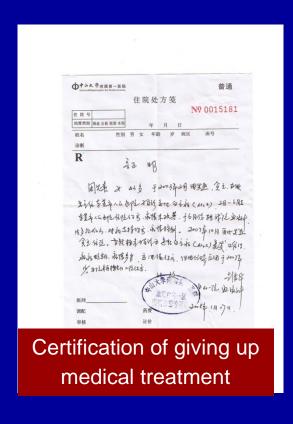


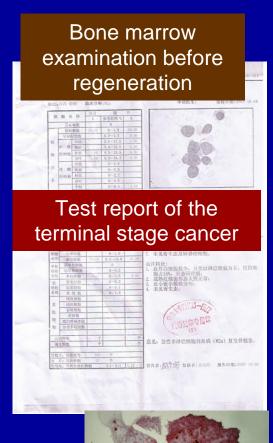


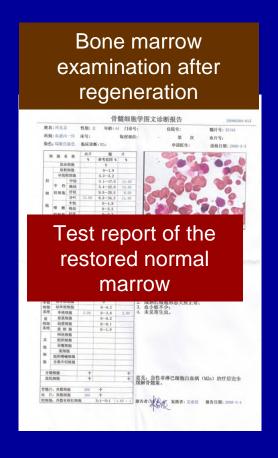


Adenocarcinome healed within 2 months

## Leukemia Treatment by Regenerative Restoration of Bone Marrow Tissue







Bone marrow Regenerative restoration

smear

Restored bone marrow smear

PI-4-D.

## Regenerative Lives of Terminal Stage Cancer Patients

In January of 2008, 364 caner patients at terminal stage were enrolled in the 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.







### Regenerative Rejuvenation realized

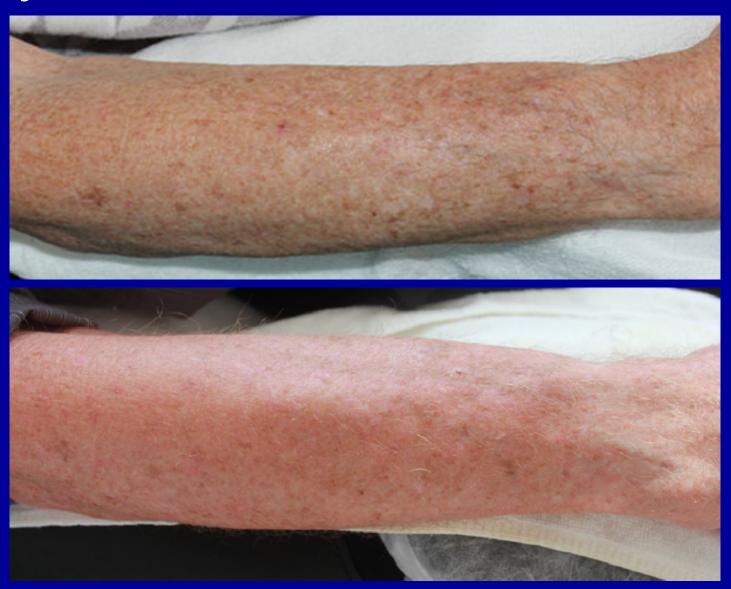
within 8 Months



# Regenerative Rejuvenation of Neck Realized within 8 Months



## Rejuvenation of Arm realized within 8 Months



### Rejuvenation of Hand Realized within 8 Months



# Regenerative Rejuvenation Realized within 5 years



# Neck Regenerative Rejuvenation within 1.5 years



### Regenerative Rejuvenation of the Intestine Reflects the Simultaneous Regenerative Rejuvenation of the whole body visceral organs

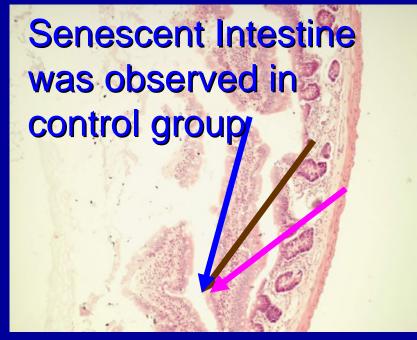


Fig. 2B Ileum tissue in control group, HE staining,  $\times 200$ 

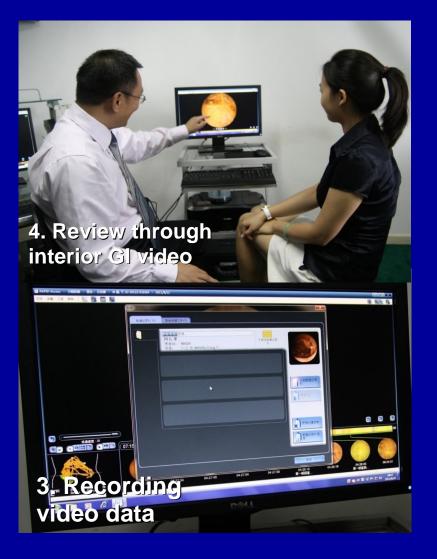
Showing the heavily degenerated mucosa with less intestinal glands compared to regeneration group.



Fig. 2A Ileum tissue in regeneration group, HE staining, ×200 Showing thick layer of mucosa, plenty of intestinal glands and villi.

# The progress of aging GI regenerative restoration and rejuvenation is followed by SB GI endoscope for endo-cavity recording







# Results of internal organs' regenerative rejuvenation are shown below





Aged mucosal villi

Rejuvenated mucosal villi

# Intestinal status of one-year regenerative rejuvenation of 40 age group Jejunum



**Aging status before** 

Young status after regenerative restoratig<sub>μ</sub>

## Intestinal status of three-year regenerative rejuvenation of 60 age group

Jejunum



Aging status before

Young rejuvenated status after

# Intestinal status of three-year regenerative rejuvenation of 60 age group lleum



**Aging status before** 

Young rejuvenated status after

#### Regenerated rejuvenation of 40 age group





9, 2009

4,2013

# Regenerative rejuvenation of the inventor and founder of the HBRRS science



May 2007

May 2013

#### 60-70 age group



2006 2013

This volunteer is one of the senior directors of Chinese government

## Regenerative rejuvenation of 70-80 age group





69 years, 2002

79 years, 2012

This volunteer is the leader of China national twelfth five-year plan of science and technology

PI-5-C-5

The greatest man, first volunteer and supporter & protector of "Human Organ Regeneration Science"; without his support and protection, no such science could survive today





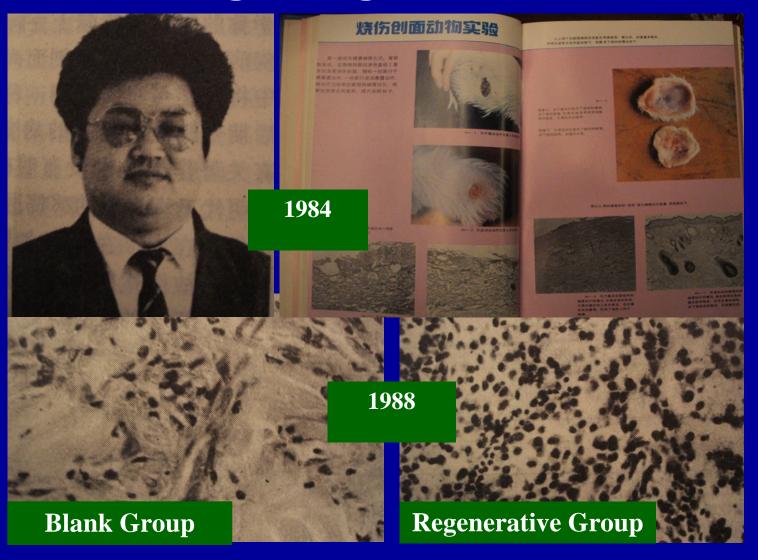
## Part II

Invention of the Regenerative Life Entity

# A. The earliest regenerated skin organ on deep burn was obtained in 1983



# B. The earliest histocytological monitoring of regenerated skin 1984



# C. The earliest method design of in situ detection of keratin 19 pluripotent stem cell in burn wound between (1988—1992)

Method: The whole procession observation of organ regeneration from Potential Regenerative Cell by "Biotin—Antibiotin protein DCS immunofluorescence" method;

Material: mouse anti human K-19 monoclonal antibody;

Marker: PRCs were marked by positive keratin 19 expression which was originally used as skin stem cell marker;

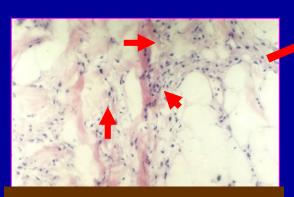
**Test object:** Burn wound of III-degree burn patient and his normal skin as control

# D. The earliest discovery of keratin 19 pluripotent stem cell and PRC in wound was in 1996

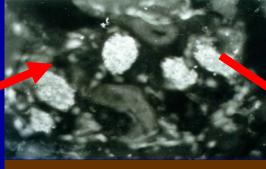












K-19 stem cells

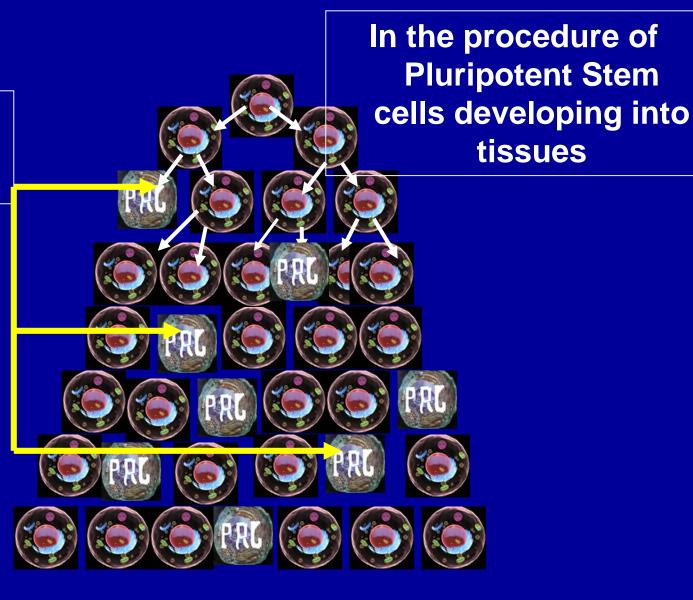




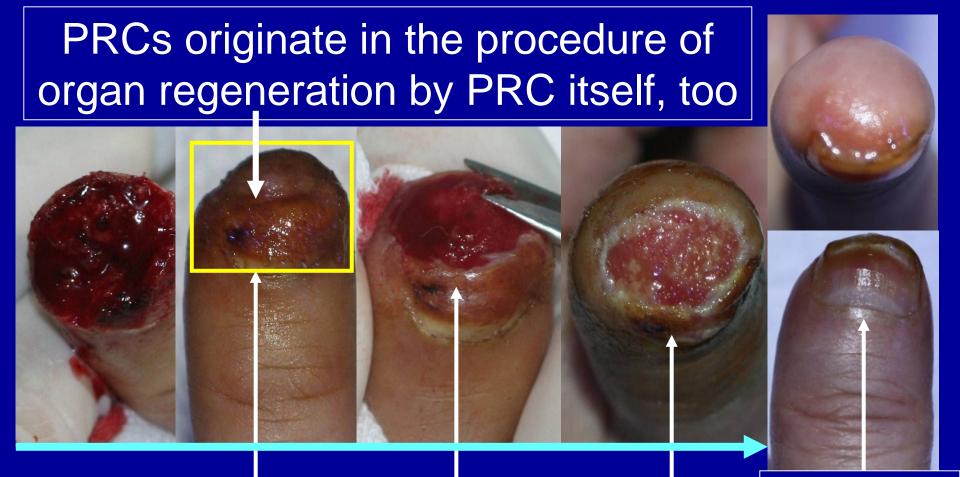
Formed Skin organ

### The origin of human PRC (1)

PRCs originate



### The origin of human PRC (2)



Regenerative finger

Re-excision

Second regeneration

Regenerative restoration

A .Validation of regenerative life via in vitro regeneration of tissue organ from somatic cells (PRCs)





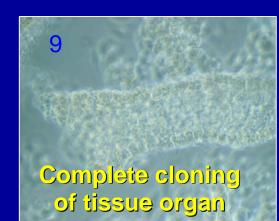




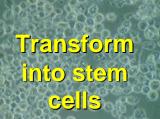


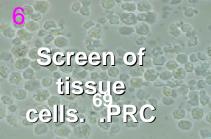
Regenerative culturing of RNS

Celluar migration and seperation 5

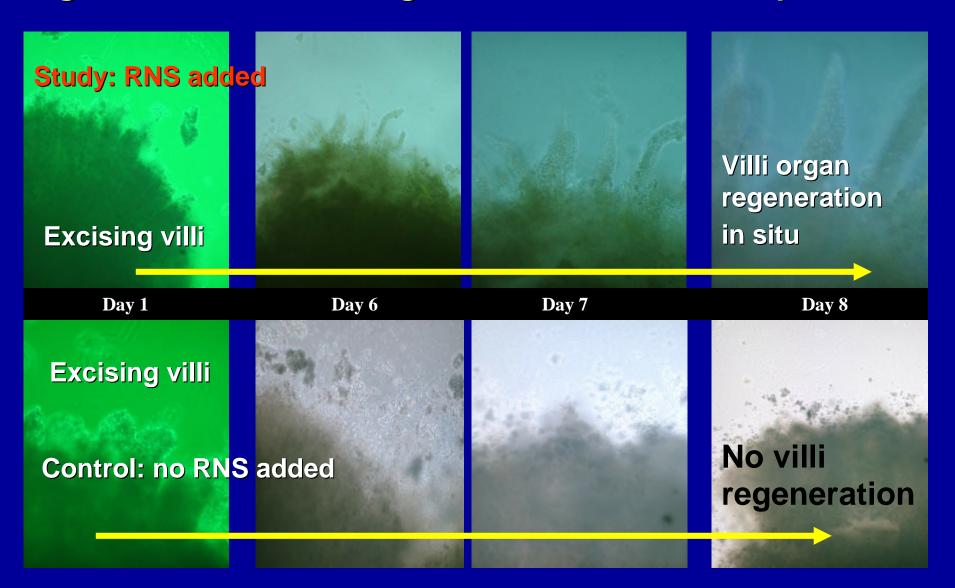






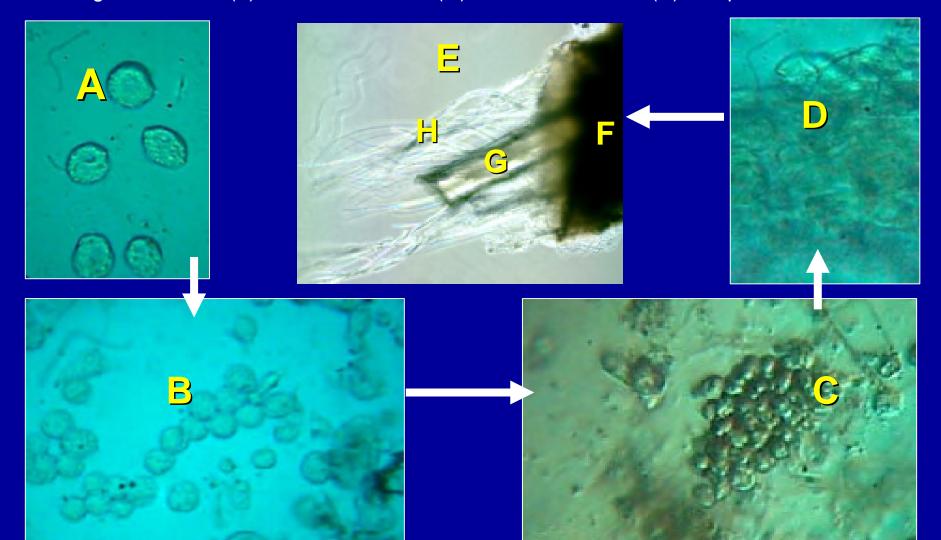


## Validation of PRCs' function of regenerating gastrointestinal villi organ in situ with tissue explants



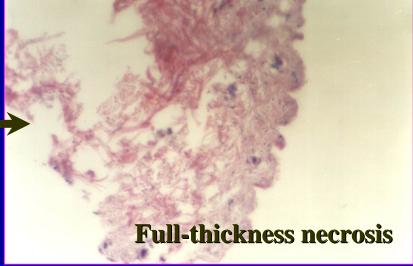
#### Validation of "PRC" regenerating a hair organ

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



## 3. Skin organ regeneration in situ was tracked by marking keratin 19 pluripotent stem cells

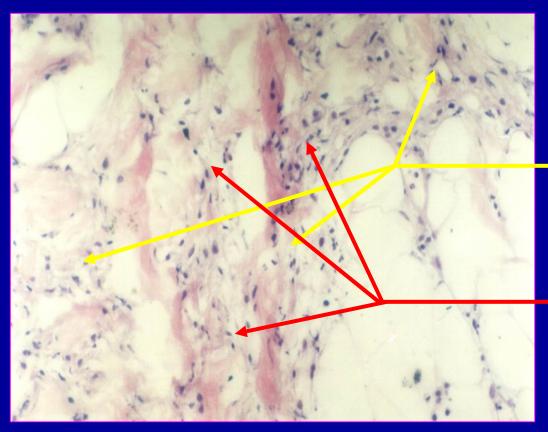




There is no k-19 positive cell in skin

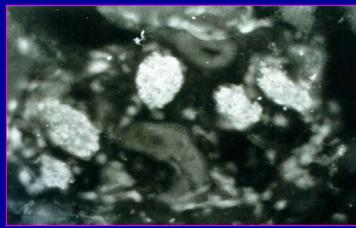
At 24h post regenerative treatment, appearance of K-19 positive cells (epidemic pluripotent stem cells) in burned wound tissues.

#### Day 4 post burn, a lot of proliferating cells (positive expression of K-19) showed up in subcutaneous tissue



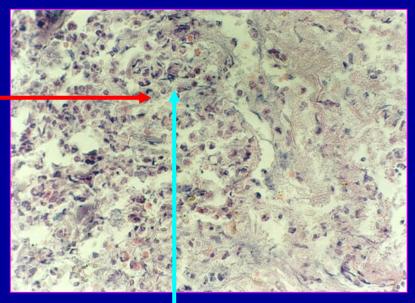
Proliferation of cells (PRC) in subcutaneous tissue

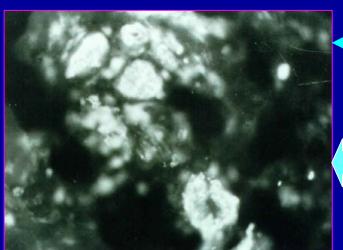
Expression of stem cells with positive expression of K-19



# On day 7, multi-functional proliferating cells were formed and the amount of K-19 expression was increasing





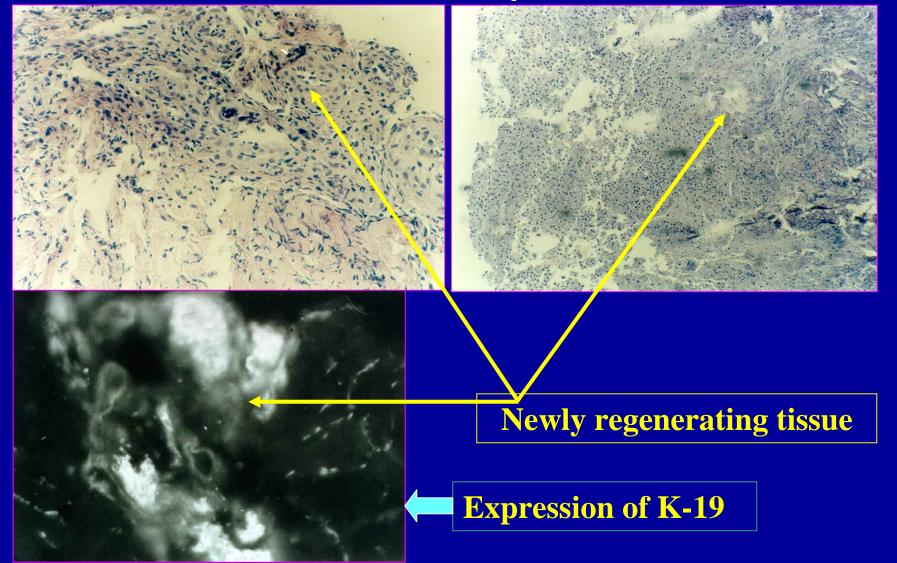


Formation of multifunctional stem cells

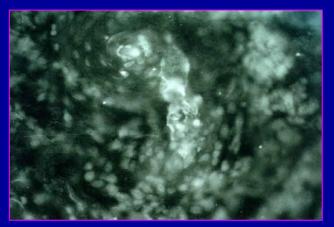
The amount of K-19 positive cells was incresaing

PII-3-D

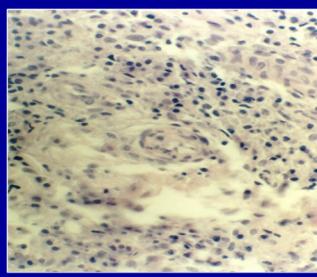
On day 14, varies of stem cells connected to each other and located the right positions, the expression of K-19 reached to peak



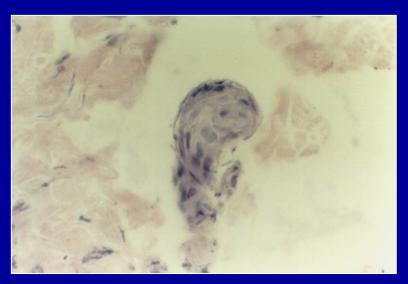
# On day 21, the amount of the K-19 expressing cells decreased, which means most of the cells have already differentiated into adult tissue cells.



On day 21 post treatment, immunofluorescence photomicrograph showed the number of K-19 positive cells (stem cells) decreasing. ×200



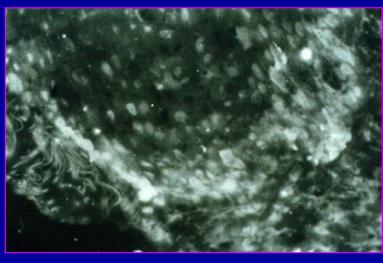
Regenerative skin tissue



Formation of hair follicle

# On day 28, the regenerated skin organ was formed completely, the active phagocytes are "cleaning" the environment inside skin for further regulating

MEBC

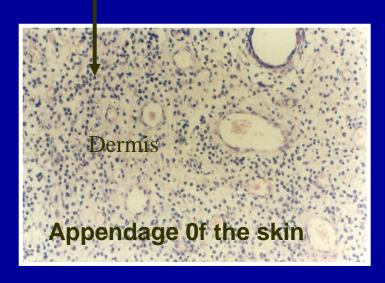


Dermis

Basement
membrane

Subcutaneous tissue

On day 28 after MEBO treatment, immunofluorescence photomicrograph appeared the number of K-19 positive cells (pleuriptoent stem cells) in wound tissues decreasing significantly along with wound healing. ×200



#### On 35 day, the skin organ regeneration from PRC in situ



Biopsy sampling area



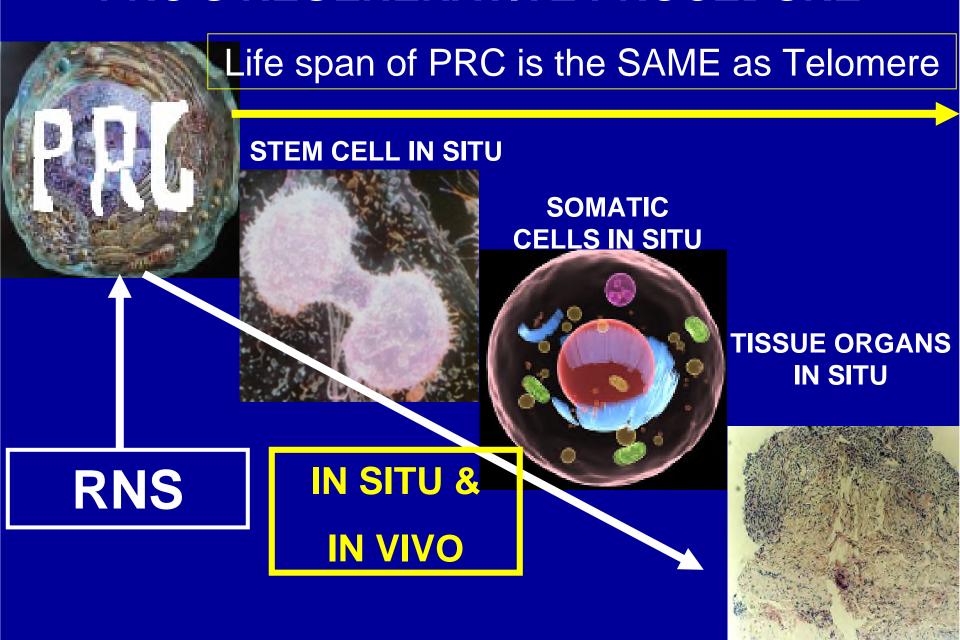


Regenerative skin organ

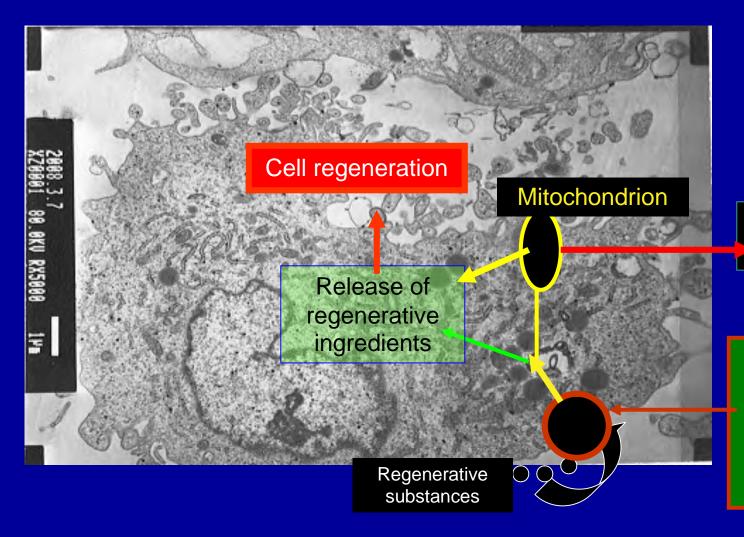
Part III

# Procedures and Effect of PRC Regenerative Life

#### PRC'S REGENERATIVE PROCEDURE



## A. Intracellular initiation of regenerative procedure



Burning inside mitochondrion

Activating membrane switches enables the inward delivery of regenerative substances

PIII-1-B

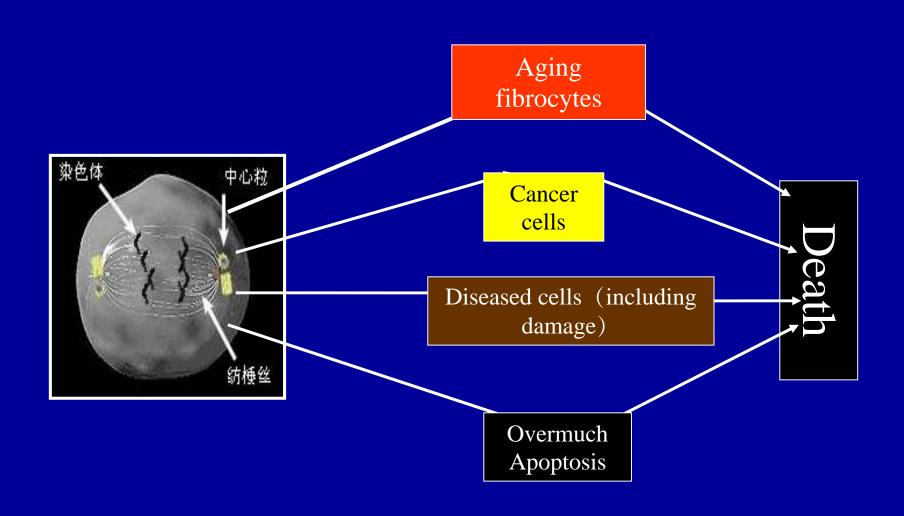
### Initiation of regenerative restoration procedure inside organ tissues

R hormone Brain Regenerative activating substances **Activate** regeneration Regenerative division

Regenerative substances culture spectrum

Dying cell

#### Four ways to prematurely terminate our lives



### Life span of human regenerative lives, in principle, conforms to the male rat regenerative study result

Life circle of developing cells—120y

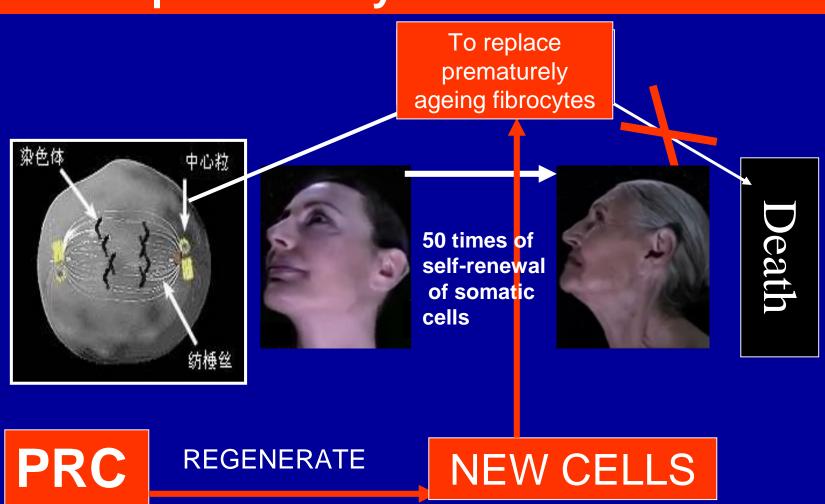


**Prenatal** 

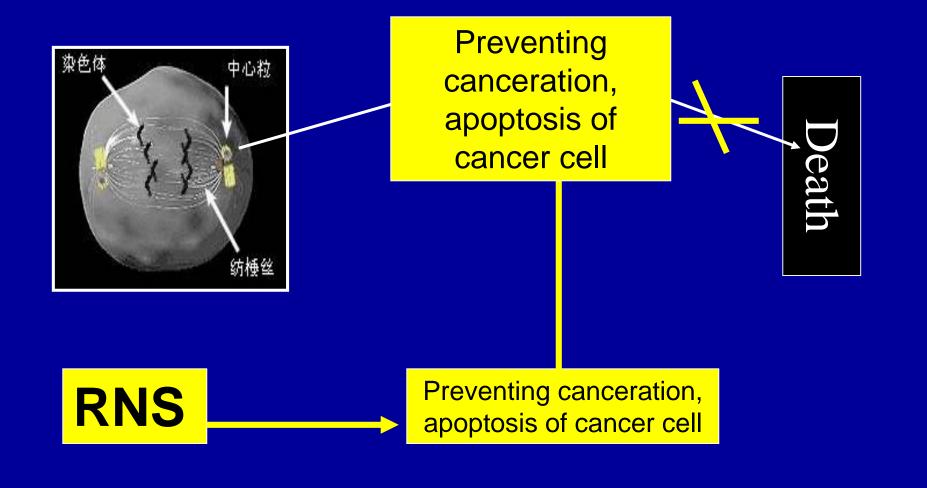


24y-----60y----80y—200y--300-y
Life circle of regenerative cells---300
years

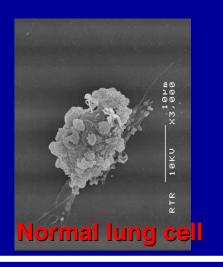
## PRC regenerates news cells to replace prematurely fibrotic cells

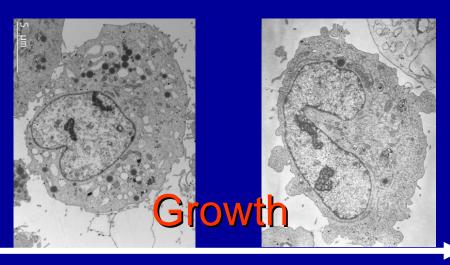


## RNS plays the role of preventing canceration and enabling cancer cell's apoptosis

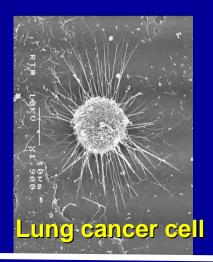


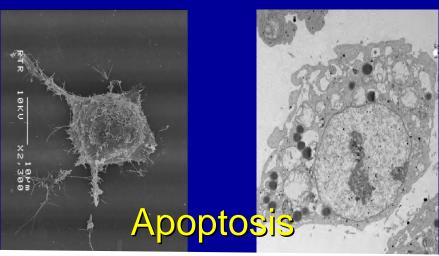
### Anti-cancer Effect of Regenerative Nutrient Substance (SEM)





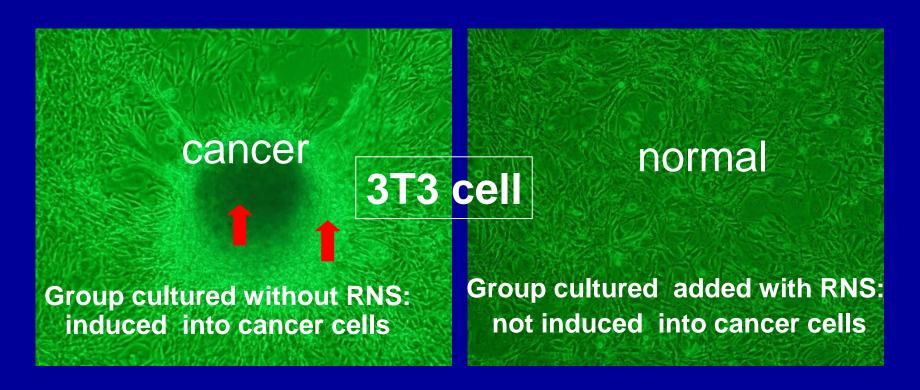
RNS



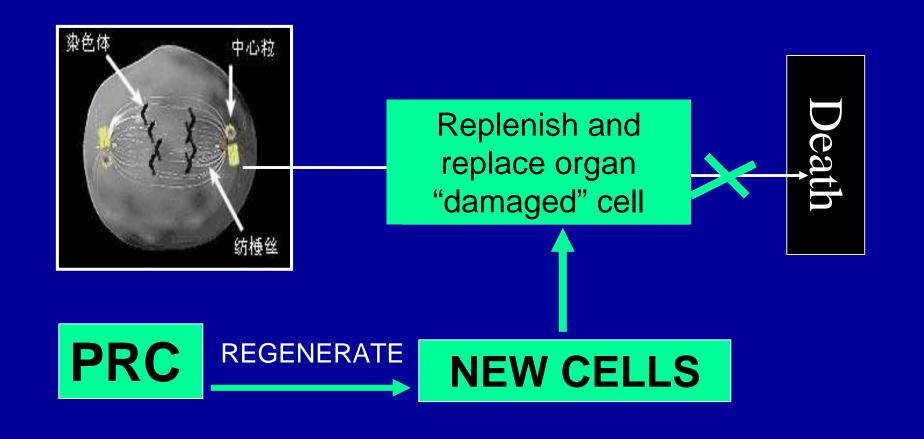


#### **Prevent-cancer effect of RNS**

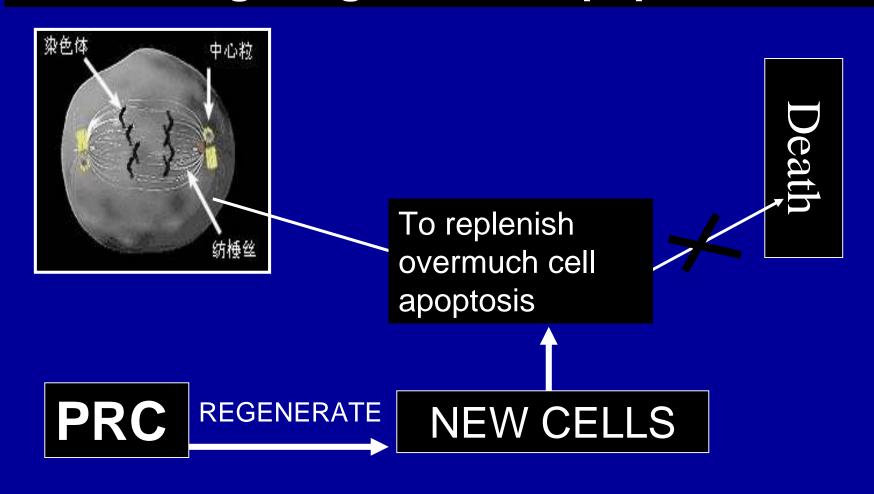
Based on the international standard design of study on inducing "3T3 cell" into cancer cell using carcinogenic agent, we have verified the effect of cancer prevention: "3T3 cells" cultured without RNS (the control group) were induced into cancer cells; those added with RNS (study group) were not induced into cancer cells. The results are as below:



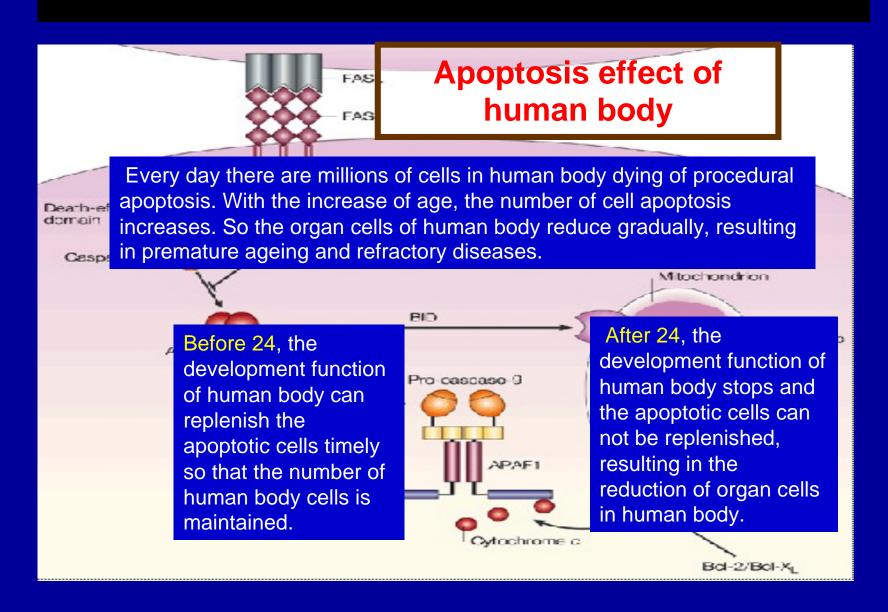
# PRC regenerates new cells to replenish damaged or defective organs and replace diseased nonfunctional cells



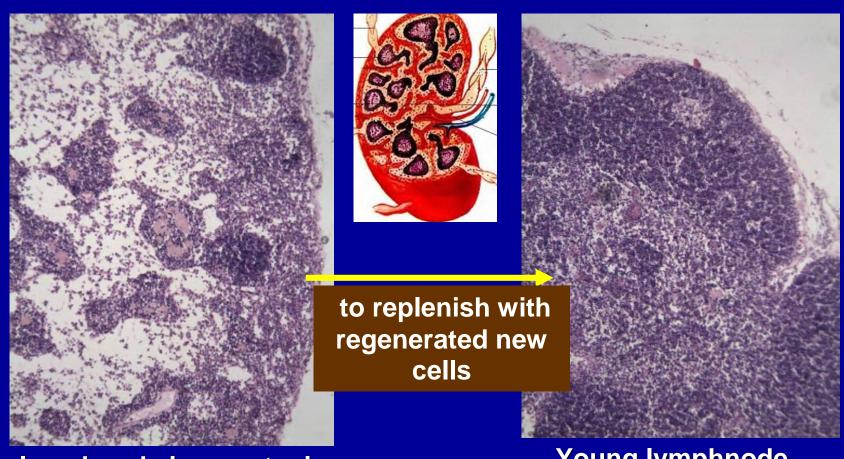
## PRC regenerates new cells to replenish an organ against cell apoptosis



#### PRC to Replenish Apoptotic Cells



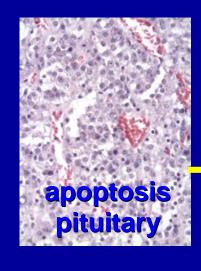
### Regenerative effect of apoptosis (lymph)



lymphnode in apoptosis

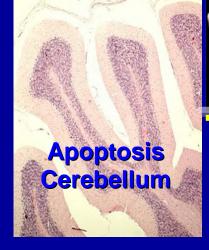
Young lymphnode

### Regenerative effect of apoptosis (brain)











#### Part IV

How to Access Your Own Regenerative Life

RTR

10KU

10Pm X1,900

# Regenerative Nutritional Substance (RNS)

- ➤ The human body consists of at least 200 types of cells, which means there are at least 200 types of PRCs, and at least 200 types of RNS.
- RNS is the essential food for human regenerative.

### Obtaining the "Regenerative trigger & nutrients" (RNS)

A. Obtain RNS from the models of PRCs

B. Obtain RNS from culture models of tissue explants





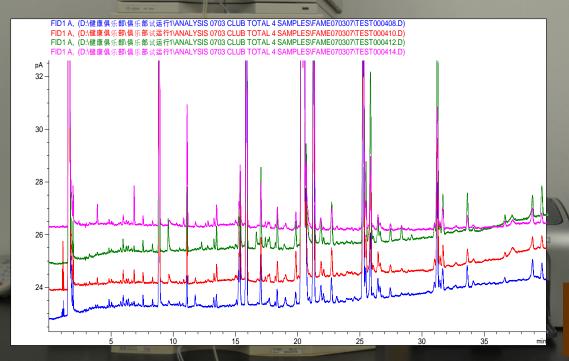
Pipeline of RNS

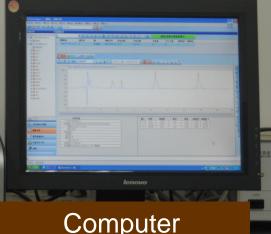
#### Fatty acid codon

#### Regenerative substances spectrum composition

First, analyze the ingredient spectrum of the culture media used for the transformation of somatic cells into stem cells and tissue organs. Second, formulate the nutritional composition for the regeneration of somatic cells to obtain the regenerative substances.

#### A. Regenerative ingredient code combination





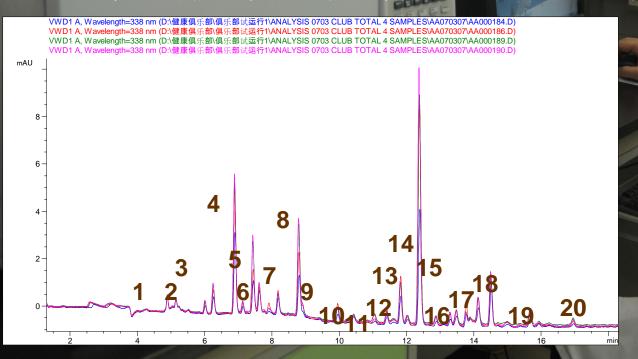
programming

#### Amino acid codon

B. Regenerative ingredient code combination

e.g. amino acid 1, amino acid 2, amino acid 3, etc.

(1586) (2398) (13, 12, 20, 18)



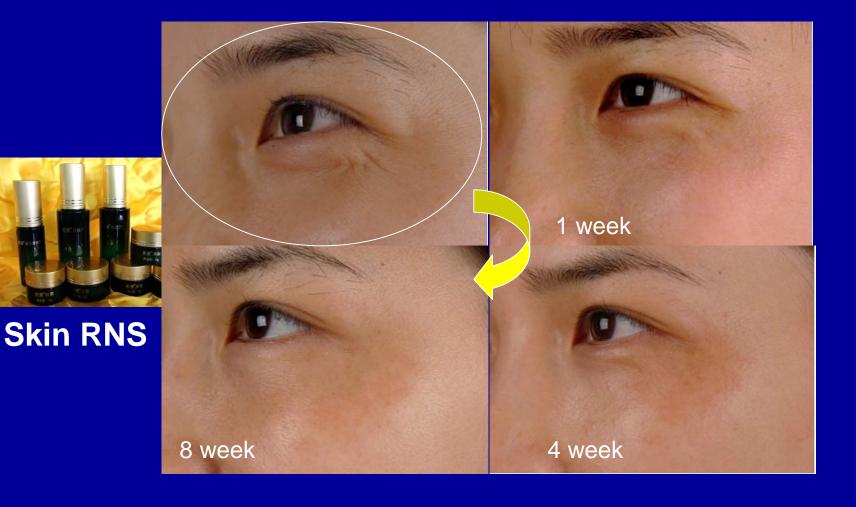
#### REGENERATIVE SUBSTANCE







## Regenerative rejuvenation of senescent body surface organs by skin RNS







In 2002, MEBO (burn regenerative substance) has been identified by W.H.O. as the essential first-aid medication for burns

## RNS for the wound/ulcer of Body Surface Organs



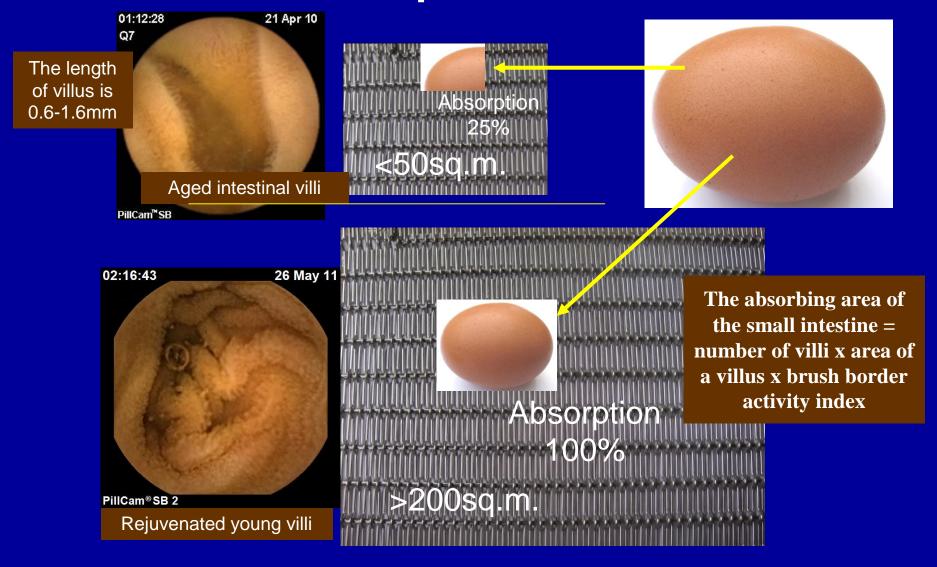
# Oral of RNS-GI for gastrointestine

• if you want to initiate the regenerative life of internal organs by RNS, you must firstly orally take the RNS-GI for 3 months for GI organ to achieve GI regenerative restoration and rejuvenation.

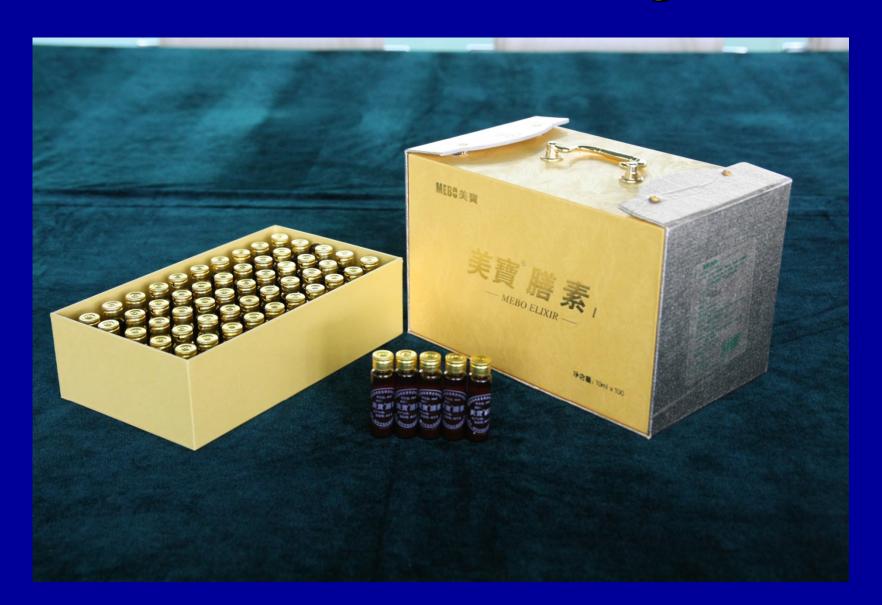




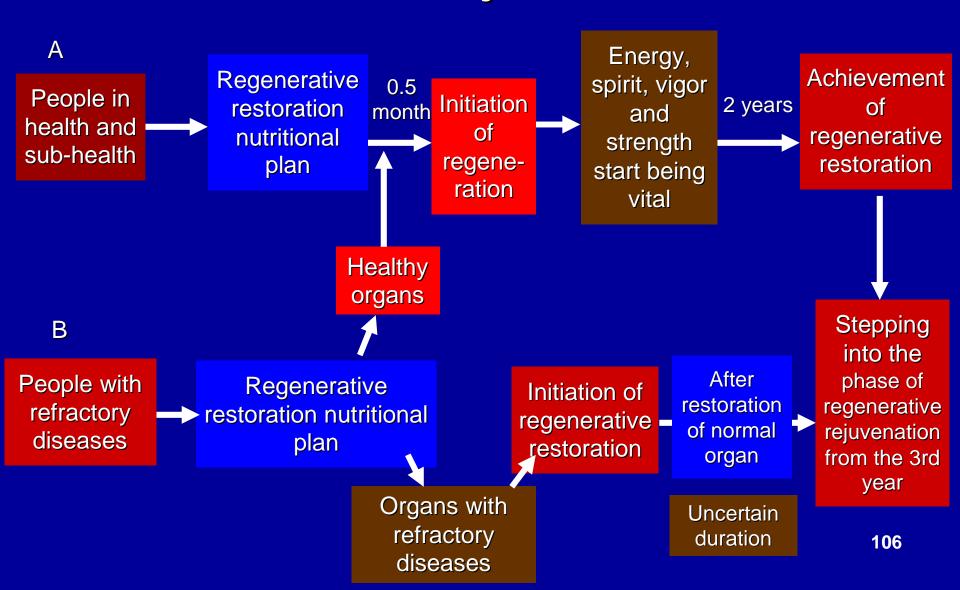
### Severe GI senescence can greatly impede the absorption of RNS



#### **RNS for All Visceral Organs**



## Process of five-year human regenerative life and rejuvenation

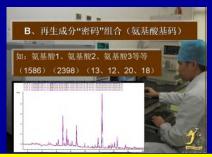




### To Realize Human PRC Regenerative Life: Uniformed human food of total nutrients spectrum







Food is processed and analyzed into ingredients





All household



With the initiation of regenerative life, human organ diseases will decrease and human being will enjoy unprecedented health!



With the initiation of regenerative life, human organ functions will increase and human life activity will display the unprecedented vitality!



### Human Has 90 Years for Invention and Creation

Human regenerative life can extend the prime period of human life span by three times, suggesting human will be able to continuously make inventions and creations for 90 years based on the original life. Human civilization will develop at full speed; the world will change at rapid, exponential rates.







Three times of the invention and creation





#### Human-beneficent Access to "Organ Regenerative Science"

I am determined:

To contribute my invention and creation outcomes of "Organ Regenerative Science" to countries around the globe.

#### Acknowledgement

- I would like to give my thanks
- to the IEF Economic Club for this honorable award,
- to the leaders and people of Slovak Republic for their trust and expectation,
- and to the leaders and people of the EU and all countries across the world for their expectation.
- I hereby thank my motherland China, and the governments of U.S. California state and Los Angeles county for their support and protection in terms of circumstance for science.

#### Benediction

#### I wish

we all human beings

initiate our PRC regenerative lives and step into the world of regenerative life, enjoying the lives for regenerative life and realizing our due regenerative life span.

### Long Live The Human!

