# WE CHANGED THE AIR WE BREATHE

### THE JOURNEY OF A CENTURY

1919 - 2019

























#### 1919: The first approach towards life and energy in nature

- Dr. Otto Warburg embarked on research on photosynthesis

Dr. Otto Warburg published two related articles in 1919 and 1920 to describe the general mechanism of photosynthesis.

Thereafter, Dr. Warburg investigated the mechanism of tumors and respiratory of cells, particularly cancer cells.

#### 1931: Dr. Otto Warburg received the Nobel Prize

- For discovery of the nature and mechanism of the respiratory enzyme

Dr. Warburg delivered a lecture on "The oxygen transferring ferment of respiration. The award came after 46 nominations within 9 years.





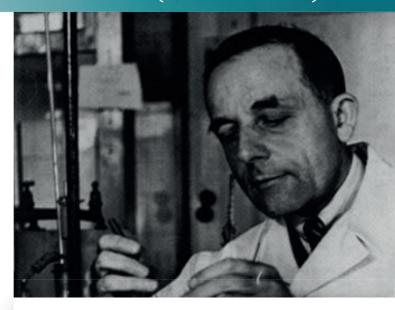








#### NOBEL (1919-2019)



OTTO WARBURG

The oxygen-transferring ferment of respiration

Nobel Lecture, December 10, 1931



### 1938: The renewed approach towards life and respiration

- Dr. Corneille Heymans received Nobel Prize for oxygen sensing

His discovery directly associated the blood oxygen sensing via carotid body to the regulation of respiratory rate by communicating directly with the brain.

This can also be seen as the first modern scientific demonstration on the philosophy of Aristotle —

"Air gives us a soul, life and consciousness".

### NOBEL (1919-2019)



















#### 2019: The latest development towards life and energy in cells

- Three scientists have awarded with Nobel Prize for oxygen sensing and adaptability

The fundamental physiology work has led to a better understanding of how more than 300 genes are regulated through oxygen sensing by both normal tissues and tumors

The findings are already beginning to affect how medicine is practiced. It is a fundamental aspect of nature.

Essentially, we are extending our understanding on "Warburg Effect" which was discovered by Dr. Otto Warburg a century's ago:

Life is about "TO BE, OR, NOT TO BE"

### NOBEL (1919-2019)







Sir Peter J. Ratcliffe



Gregg L. Semenza

# Metabolism Exercise



















### AIRNERGY (1912-2012)

#### 1912: The beginning of a brilliant scientist in Heidelberg

- Dr. Otto Warburg started to work at the medical research center in Heidelberg

It was at this scientific hub, Dr. Otto Warburg started his scientific research on photosynthesis and life

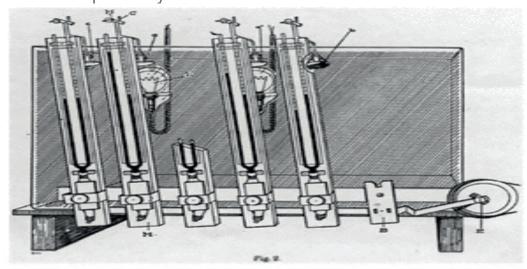


Fig. 3 The apparatus that Warburg used for his first photosynthesis studies. Reproduced from Warburg (1919), p. 245



















### AIRNERGY (1912-2012)

#### 2000: The beginning of an innovation of the century

- Airnergy AG (from Heidelberg region) pioneered the innovation of Airnergy

A patented protected method to activate oxygen using photosynthesis principle discovered by Dr. Otto Warburg.





















#### **2012: The recognition by FITNESS TRIBUNE**

- Airnergy Method is certified as Innovation of the century (1912-2012)

















### AIRNERGY (1912-2012)



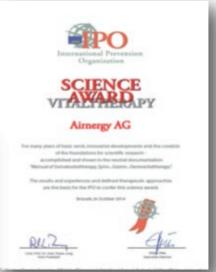


### AIRNERGY (1912-2012)

#### **Medicine of the 21st Century**

Airnergy Method has received numerous awards and recognitions internationally

























### AIRNERGY (1912-2012)

#### **Medicine of the 21st Century**

- Demonstrated wide range of health benefits in private and professional users





































### AIRNERGY (1912-2012)

#### **Medicine of the 21st Century**

Associated with major international sports events, elite athletics and coaches



























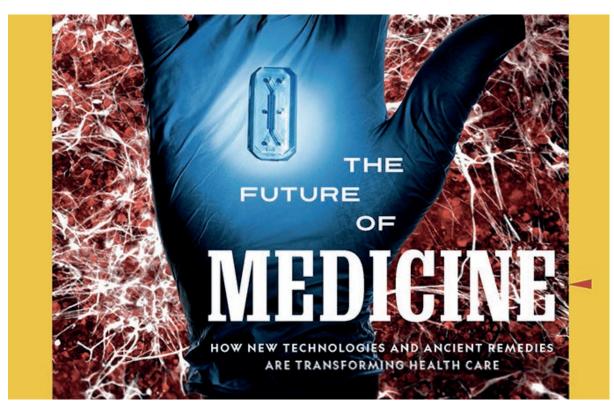


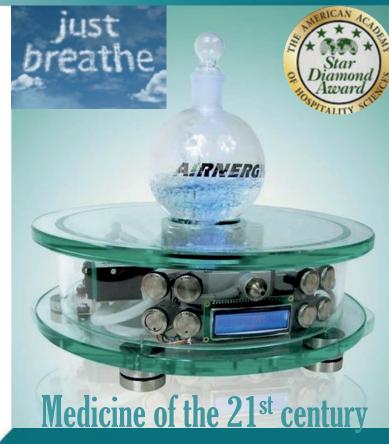




### THE FUTURE OF MED

#### **Electroceuticals as the future of medicine**





















#### THE FUTURE OF MED

#### Airnergy

Go beyond changing the air, let's bring life back to nature

















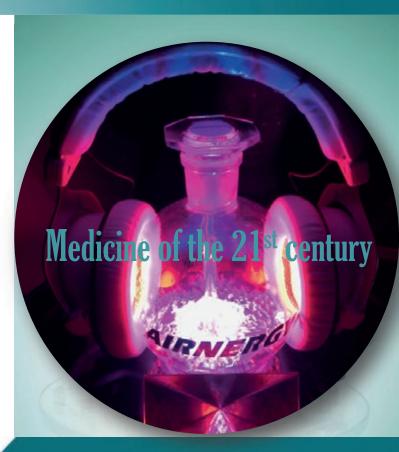














#### WE HAVE A DREAM

#### Let Airnergy bring life and nature to every being & in every way























#### WE HAVE A DREAM

#### **AIRNERGY FOR LIFE**



"CHANGE OUR AIR, CHANGE OUR LIFE, AND CHANGE OUR FUTURE!"

















