

What are Mitochondria?

In every body cell of us are about 1500 mitochondria (except for the red blood cells).

Mitochondria are living cell organelles which have developed from bacteria and control almost all metabolic processes, energy outputs and detoxication processes in our organism. Therefore they play a key role in our health and recovery. By disorders of the mitochondrial functions energy, controlling the differentiated cell activities (ATP) will not be made within the mitochondria with the help of oxygen and oxygen radical formation, but either without oxygen, outside the mitochondria, by fermentation of blood sugar or with oxygen but without the formation of oxygen radicals. Thereby the cell specific functions will not be controlled and sustained any more, but the cell division cycle will be activated.

Illnesses and Health disorders

Illnesses which can develop out of the reasons above:

high blood pressure

cancer (disturbed intercellular protection "protective circuit")

virus infections (herpes, Ebstein-Barr, hepatitis, etc.)

mycotic infections (Candida, Pneumosystis carinii, mildew, etc)

AIDS

orthopaedic illnesses

diseases of ageing (alzheimer, dementia, Parkinson)

depressions

allergies

chronic fatigue syndrome, Burn-out

impotence, frigidity

circulatory disorders, arteriosclerosis, heart attack, stroke

organdegeneration, cholesterol-increasing

hormone formation disturbances

early ageing

immunodeficiency

autoimmune disease

ADHD (attention deficit hyperactivity disorder)

Energyproduction of the cell and free radicals

In the following I would like to explain you why most of today's illnesses besides the above stated reasons also a **disorder in the aerobic cell respiration** represent. (disorder of the mitochondrial functions)

In this way I would like to present a logical, evolutionary biologic conditional explanation of these illnesses.

In the Mitochondria (Greek from Mito: bullet and chondron: thread), from which on average **1500** are stored in the cell, our "**cellular energy**" (ATP) is generated, or more exactly expressed **modulated** with the help of **oxygen**.

90 per cent of the oxygen that we breathe in will be used in the mitochondria for the generating or modulating of energy, and it controls all cellular activities of all organs, such as the heart, the brain, the immune system, the digestive organs, the circulatory system, the mucosal function, muscular functions, blood flow.

This kind of energy production within the mitochondria is also called the **“high output model”**

The formation of illnesses

In the last century more and more cases of the following diseases arose.

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Therapy conception

By applying **cell symbiosis therapy** my therapeutic aim is to **regenerate the mitochondrial functions** as well as their **structure**, to activate and improve the aerobic **energy production** of the mitochondria, whereby the systemic organ and cellular outputs should be improved again.

Thereby a potentially overactivated cell division program, which is also controlled through the genes of the archaea, should be slowed down. I understand it as a **redifferentiation program**, thus the activation of the mitochondria controlled, differentiated (organ specific) cell outputs.

My aim is, through the individual application of **all components of the cell symbiosis therapy according to Heinrich Kremer (MD)**, to feel out the above mentioned illness inducing components on the basis of **laboratory tests, (blood, urine, saliva, stool)**, and extended **initial interviews and follow ups** with the patients, to regulate them as much as possible by applying the **original treatment concept**.

Resource: the information and the pictures are taken from Ralf Meyer`s work: Chronic healthy – principles of a health praxis. - The original treatment concept of the cell symbiosis therapy according to Heinrich Kremer (MD) as well as from <http://www.cellsymbiosis-netzwerk.de/cellsymbiosistherapie-nach-dr-kremer>

Further information and literature is available at: alternative practitioner Ralf Meyer
<http://www.cellsymbiosisnetzwerk.de/cellsymbiosistherapie-nach-dr-kremer>