

# silicea

The cell booster for  
**vital** connective tissue cells



## Latest study shows:

8% increased cell vitality  
17% increased cell activity  
for connective tissue cells

Original Silicea Gel  
for hair, skin, nails and  
connective tissue

- 100% silica gel
- Purely mineral
- Without additives

## New research with connective tissue cells proves:

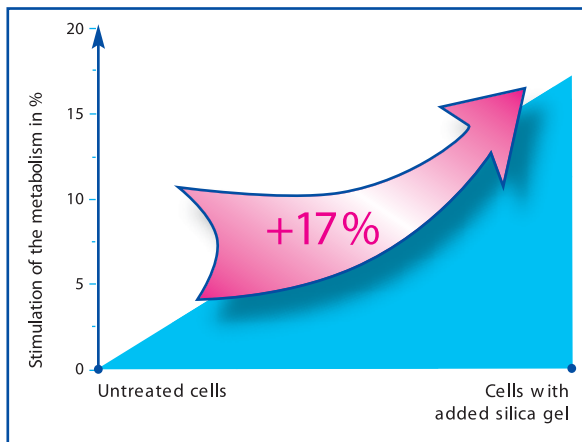
Original Silicea Gel for hair, skin and nails has a positive effect on the cells of the connective tissue.

**17% increased cell activity**  
**8% increased cell vitality**

after the intake of pure silica gel

The two most important results after using silica gel as recommended for Original silicea Gel, in comparison with untreated cells, are:

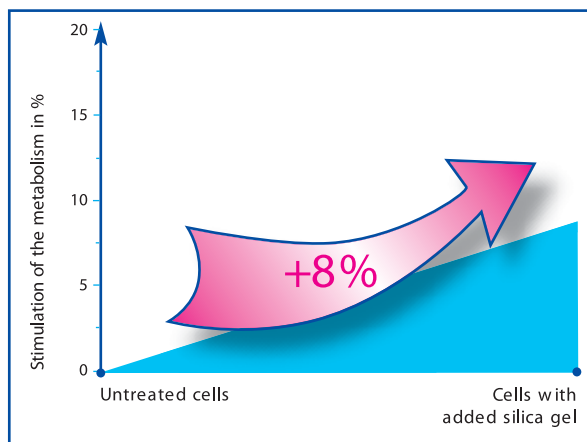
### 17% increased cell activity after just 30 minutes



#### Enhanced performance!

Up to 17% increased cell activity in the connective tissue, signifying a **clear improvement in cellular energy metabolism.**

### 8% more cell vitality



#### Improved cell regeneration!

Up to 8% increased cell vitality in the connective tissue, thereby **supporting the cell regeneration.**

### The results of the latest cell study confirm:

Original Silicea Gel has a positive effect on connective tissue cells.

**Silica gel** increases metabolic activity and thereby improves cell regeneration as well as the regeneration of connective tissue cells.

# Silica gel **improves** the regeneration of existing and new cells

Figures I.+ II.

show an increase in cell density in just 3 days after addition of silica gel.

The red bodies represent the cells and the blue and white areas the intercellular space.

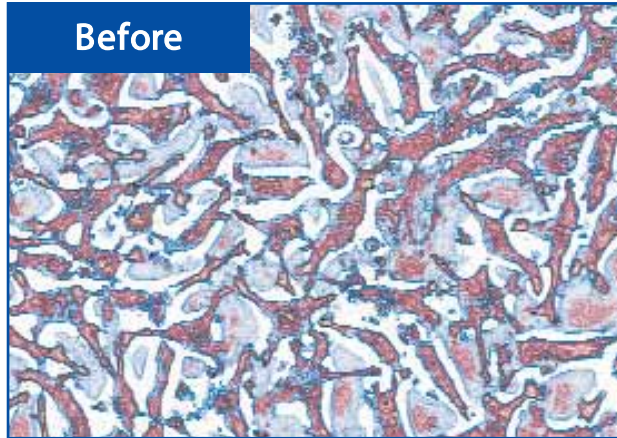


Fig. I.  
Loose cell structure  
with low cell density before addition

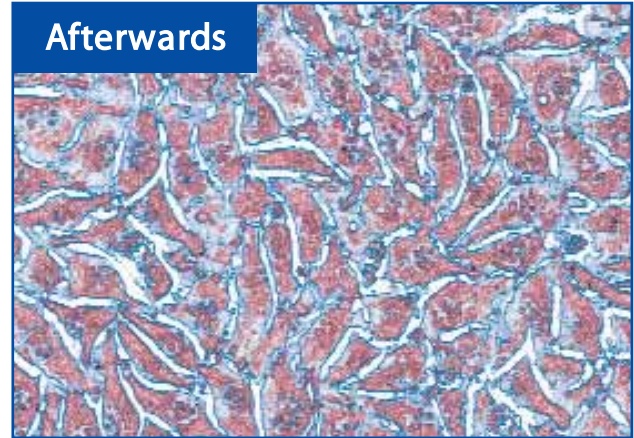


Fig. II.  
Compact cell structure  
with high cell density after addition

## Healthy connective tissue

Connective tissue is important and supports the body as an intercellular cement and water reservoir. Therefore healthy and strong connective tissue is not only the basis for well-cared and beautiful skin, but also the precondition for strong hair and nails.

Connective tissue cells are responsible for various key functions:

- They store water and make firm and strong skin.
- They transport important nutrients.
- They support to removing metabolic products from the connective tissue.

These vital functions show how important it is to keep connective tissue healthy throughout life time.



**The study confirms:** Pure mineral silica gel plays an important role; it activates and vitalises the connective tissue cells.

# Latest study results by Prof. Dr. rer. nat. Peter C. Dartsch

Animal-free cell biological experiments conducted by Prof. Dr. rer. nat. Peter C. Dartsch of the Institute of Cell Biological Test Systems in 86956 Schongau/ Upper Bavaria have shown that silica gel is able to increase cell metabolism of cultivated connective tissue cells by 17% as well as their cell vitality by 8%.

The cell metabolism is activated within a very short time, the determined effects on cell vitality remain constant for a period of several days.

Both effects may positively influence productivity as well as cellular regeneration processes.

The beneficial effects are particularly predominant in the area of the calculated active ingredient concentration after full consumption and distribution among bodily fluids and blood plasma. Silicon as a trace mineral is effective in small quantities and strongly effects cell metabolism and cell vitality.

The detailed scientific report was published by Prof. Dr. Peter C. Dartsch "Evaluation of beneficial health effects of silicic acid gel on cultured connective tissue fibroblasts" in the magazine "Innovations in Food Technology", 42/ February 2009, pp. 62-64.



[www.huebner-vital.de](http://www.huebner-vital.de)  
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