



# GRÜEZI!







# Why do we have to die?

and what can we learn from single cell research?

Or: the secret of Longevity

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# Fit and Vital until high Age...





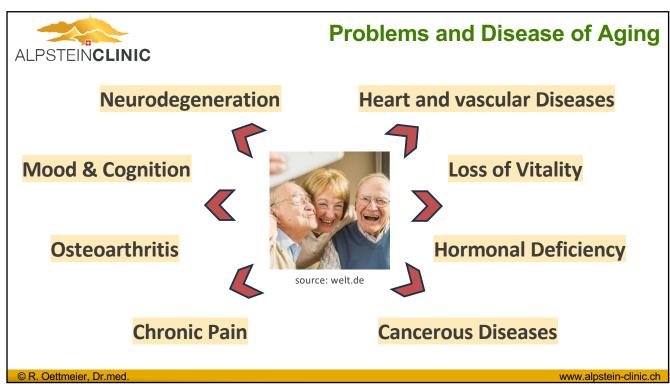


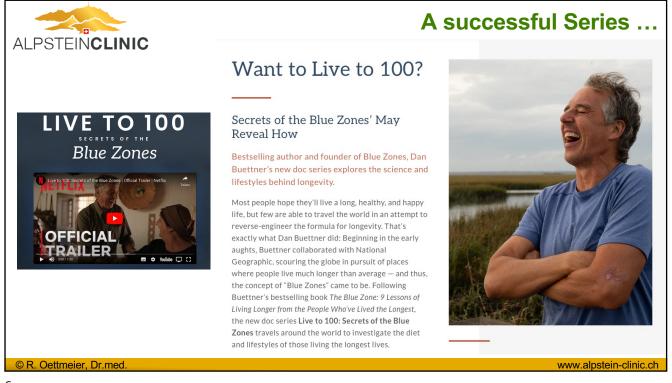




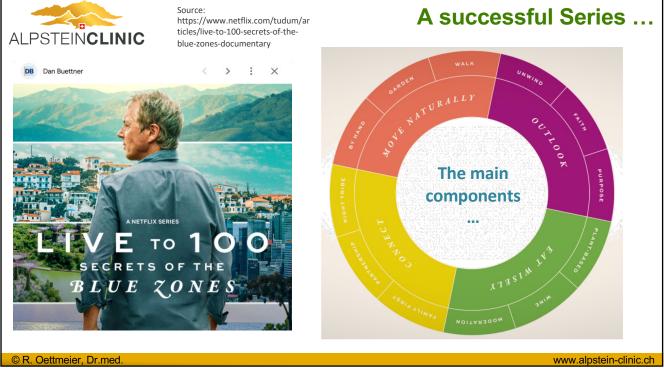
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Source: https://www.netflix.com/tudum/ar ticles/live-to-100-secrets-of-theblue-zones-documentary



#### Make movement a Habit

People in the blue zones don't necessarily have subscriptions to fancy gyms. Though some play pickleball three hours a day (we're looking at you, Loma Lindans), many of their physical activities of choice aren't technically even exercise at all. By weaving physical activities seamlessly into their lives, they get active everyday without even trying. Some of the ways they do this include:

### Longevity – the main components ...

#### By Hand:

- chopping wood, kneading bread, making crafts, and doing their hobbies by hand,
- seeing the fruits of their labor can help derive a sense of fulfillment.

#### Walk:

- blue zone members walk everywhere,
- helps to get regular exercise while spending time in the great outdoors.

#### Garden:

- green thumb helps to lower the center of gravity and practice their balance
- Just like doing things by hand, gardening can be both <u>rewarding and</u> stress-relieving.

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Source: https://www.netflix.com/tudum/ar ticles/live-to-100-secrets-of-theblue-zones-documentary



# A positive outlook is everything

According to Buettner's research, those who live in blue zones tend to maintain a state of calm and have lower stress levels reported across the board. Some of the ways they cultivate peace of mind include:

### Longevity – the main components ...

### **Unwinding regularly:**

- work hard and well past the typical retirement age,
- they find time to decompress every day, de-stressing by sitting on a couch doomscrolling,
- turn to socializing, dancing, and even drinking together.

#### Finding faith:

 tend to belong to faith-based communities and devote time towards their respective religious communities.

#### Developing a sense of purpose:

 Whether it's ikigai or plan de vida, have a vocabulary for why they wake up every morning with an idea of what they bring to the world.

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Source: https://www.netflix.com/tudum/ar ticles/live-to-100-secrets-of-theblue-zones-documentary



## **Eating wisely**

What and how much we eat can greatly impact our health and longevity. But the answer isn't necessarily strict, sad diets devoid of the good stuff.

### Longevity – the main components ...

#### Plant-based:

 primarily plant-based diets, with up to 95% of their diets coming from a diverse array of vitamin and protein-rich vegetables, beans, and nuts.

#### Wine:

- drink one or two glasses of wine per day,
- Take the Ikarians in Greece who regularly pair their homemade wine with community get-togethers.

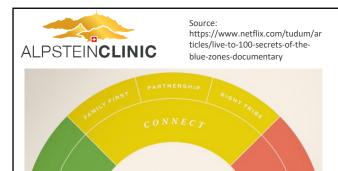
#### **Moderation:**

- stop eating when their stomachs are 80% full,
- practice several mindfulness habits at the dinner table, including eating slowly to allow the body to respond to cues and focusing on the food to savor flavors.

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# Connect with others as often as possible

Regardless of age, everyone in the blue zones forms genuine connections with members of their community. It's the most critical commonality between all the blue zones, and likely the most impactful secret to longevity.

### Longevity – the main components ...

#### Family first:

- Keeping aging family members close by or within the family home ensures they're still connected across generations,
- has a real impact on how long they live.

#### Partnership:

 invest in their romantic unions and forge strong and loving partnerships, including marriages.

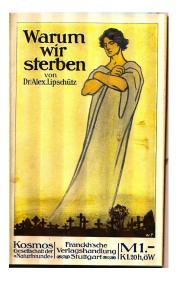
#### Right tribe:

- Having an immediate social circle to depend upon and invest in is crucial to longevity.
- In Okinawa, some elderly form <u>moais</u>, or groups of neighborhood friends, that meet regularly and support each other in times of need.

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# A special Gift ...

Dr. Alexander Lipschütz Zurich Published 1914

The book:

"Why we die"

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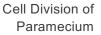
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# ALPSTEINCLINIC



Paramecium and Bacteria

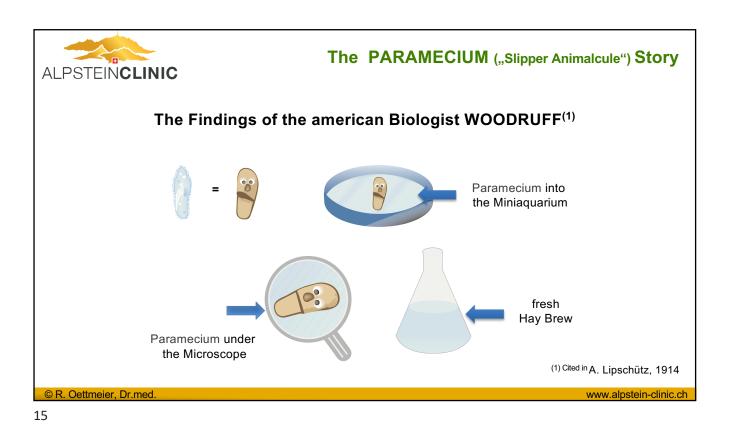
## The PARAMECIUM ("Slipper Animalcule") Story





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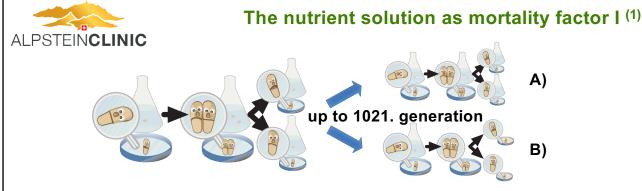
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The Immortality of a single-cell
Organism acc. woodbruff()

"The reproduction of Paramecium was observed till to the 3029.
generation, without any appearance of dead cell bodies."

(1) Cited in A. Lipschütz, 1914



WOODRUFF divided the single cells in two terrain groups up to the 1021st generation :

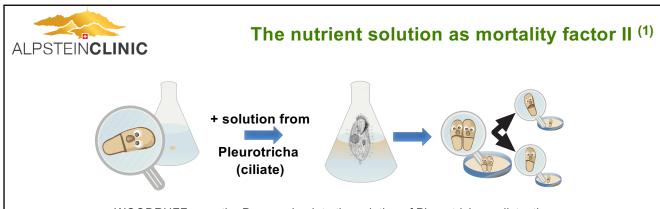
- A) Every daughter cell gets fresh nutrient solution every day -> normal reproduction and vitality
- B) Daughter cells keep for some generations in the same solution. At first the speed of cell division slimmed (instead of 179 only 138 divisions in the same time period). Later more and more dead cells appeared.

(1) Cited in A. Lipschütz, 1914

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WOODRUFF gave the Parameciae into the solution of Pleurotricha, a distantly related species of single cell.

In the nutrient solution of Pleurotricha thrived the Parameciae totally normal. The cross-over trial showed the same result.

"Aging or depression of the Parameciae after some generations in here own solution based on the impairment and intoxication from metabolic products, which were produced by the animals self."

(1) Cited in A. Lipschütz, 1914

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#### The oldest Animals of the World

Place 10 till 4: CHIMPANSEE (till 60 y.), ELEPHANT (till 80 y.), RAVEN (till 90 y.), LOBSTER (till 100 y.), RIVER PEARL MUSSEL (till 110 a.), HUMEN (till 122 y.), STURGEON (till 155 y.)

#### **Place 3: GREENLAND WHALE**

Living in northern oceans, browses plankton and small crabs and can reach 175-200 years life expectancy.

#### Place 2: GALAPAGOS TURTLE

Become till 250 years old. Eats vegan diet from green grasses, herbs, twiners, berries, bushes, lichens and cactuses.

#### Place 1: GIGANTIC SPONGE

Scolymastra joubini can reach 10.000 years living time, is living in some thousends meters deepness in northern oceans







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Source: fachtione anosterneshriereh

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# ALPSTEIN**CLINIC**

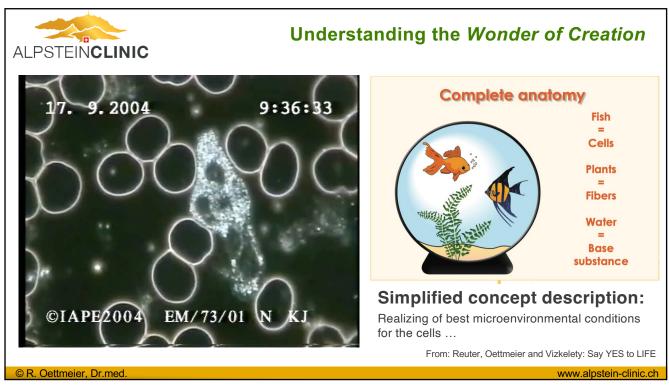
## **Regeneration Times**

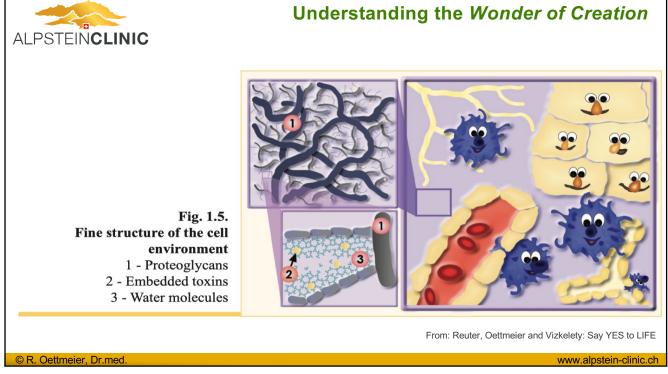
Cell / Tissue	Life Time
red blood cells	3 month
white blood cells (leucocytes)	5 days
skin	3 weeks
mucosal layer stomach	1 week

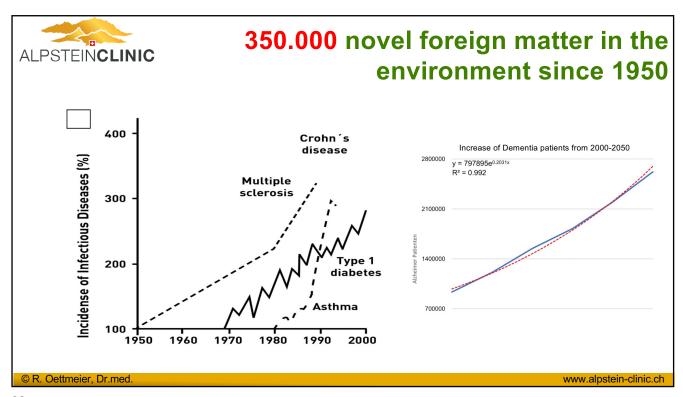
Cell / Tissue	Life Time
mucosal layer intestine	2 weeks
bone	8-10 years
muscle cells	15 years
brain, heart muscle, lens	Life-long

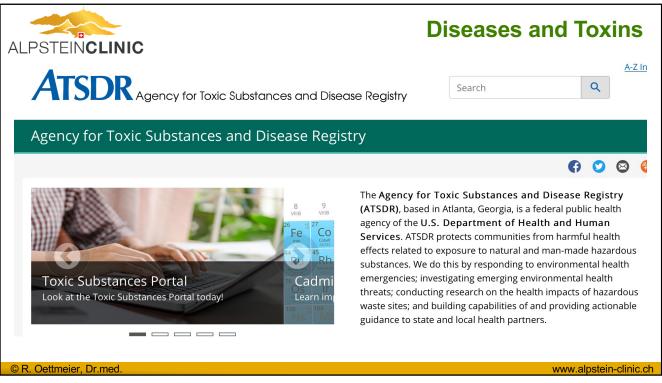
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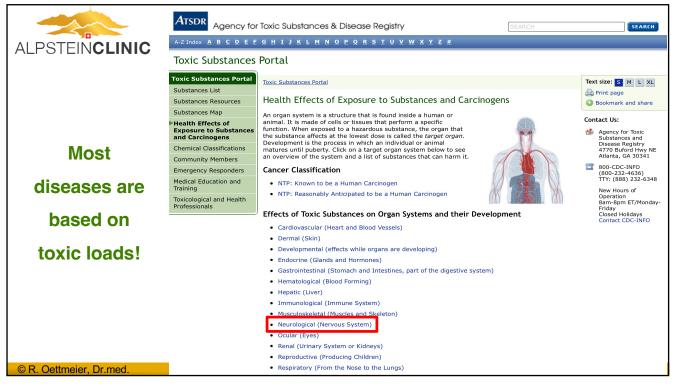
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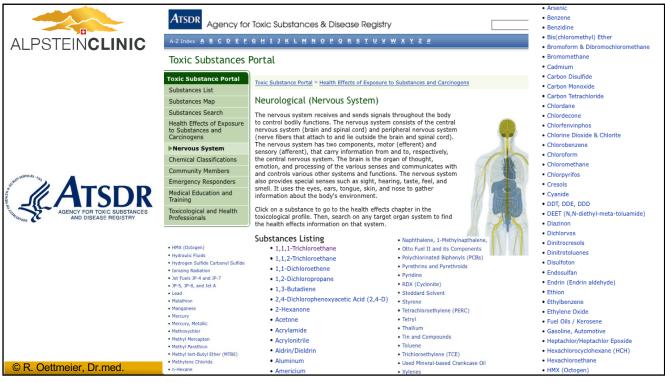


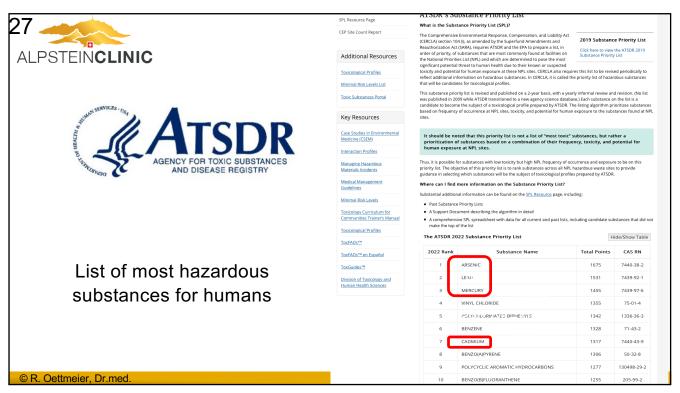


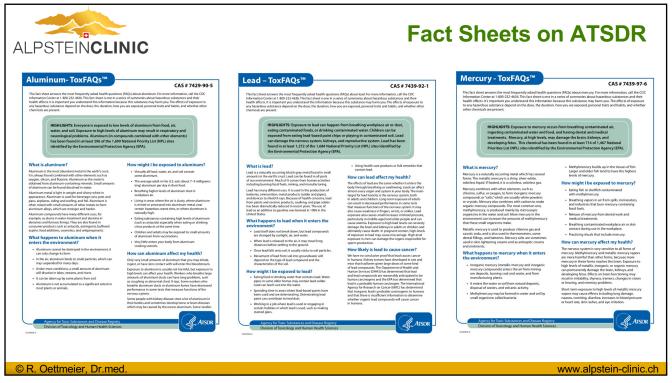














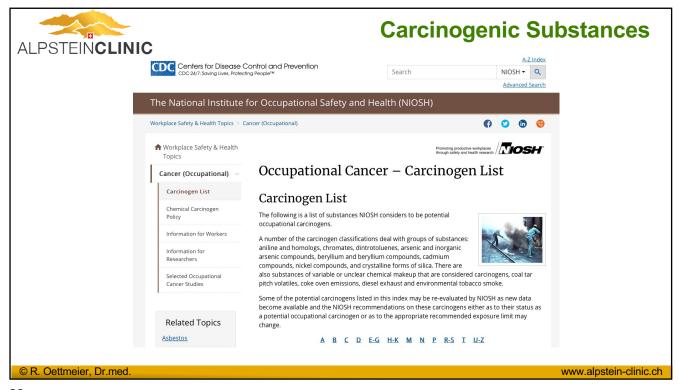
# Important for chronic diseases and cancer:

- Oncogenic substances (carcinogens)
- Toxic metals
- Endocrine disrupters
- Organ toxins
- "Emotional" toxins

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## **Endocrine Disrupters**

Endocrine disruptors, sometimes also referred to as hormonally active agents, [1] endocrine disrupting chemicals, [2] or endocrine disrupting compounds [3] are chemicals that can interfere with endocrine (or hormonal) systems. These disruptions can cause cancerous tumors, birth defects, and other developmental disorders. [4] Found in many household and industrial products, endocrine disruptors "interfere with the synthesis, secretion, transport, binding, action, or elimination of natural hormones in the body that are responsible for development, behavior, fertility, and maintenance of homeostasis (normal cell metabolism). "[5]

A comparison of the structures of the natural estrogen hormone estradiol (left) and one of the nonyl-phenols (right), a xenoestrogen endocrine disruptor

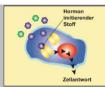
Any system in the body controlled by hormones can be derailed by hormone disruptors. Specifically, endocrine disruptors may be associated with the development of learning disabilities, severe attention deficit disorder, cognitive and brain development problems. [6][7][8][9]

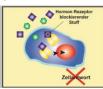
There has been controversy over endocrine disruptors, with some groups calling for swift action by regulators to remove them from the market, and regulators and other scientists calling for further study.<sup>[10]</sup> Some endocrine disruptors have been identified and removed from the market (for example, a drug called diethylstilbestrol), but it is uncertain whether some endocrine disruptors on the market actually harm humans and wildlife at the doses to which wildlife and humans are exposed. Additionally, a key scientific paper, published in 1996 in the journal *Science*, which helped launch the movement of those opposed to endocrine disruptors, was retracted and its author found to have committed scientific misconduct.<sup>[11]</sup>

Studies in cells and laboratory animals have shown that EDCs can cause adverse biological effects in animals, and low-level exposures may also cause similar effects in human beings. [12] EDCs in the environment may also be related to reproductive and infertility problems in wildlife and bans and restrictions on their use has been associated with a reduction in health problems and the recovery of some wildlife populations.

Hormon Rezeptor

Zellie Zellikern Zellantwort





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Source: wikipedia

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## **Tools for Diagnostics of Environmental loads**

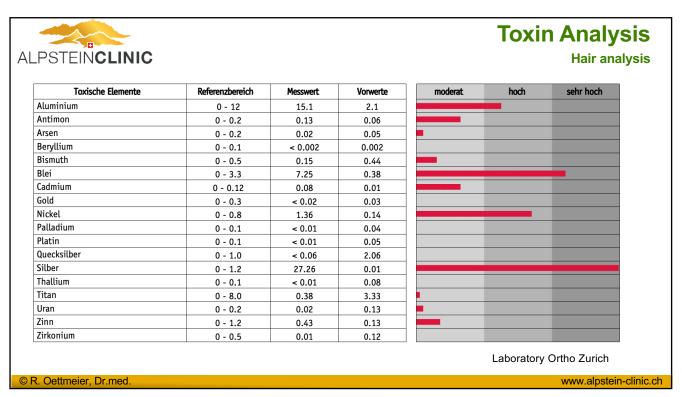
- Hair analysis
- · Bio-feed-back methods
- SO-check Oligoscan
- Blood measurement
- DMPS/EDTA mobilization test

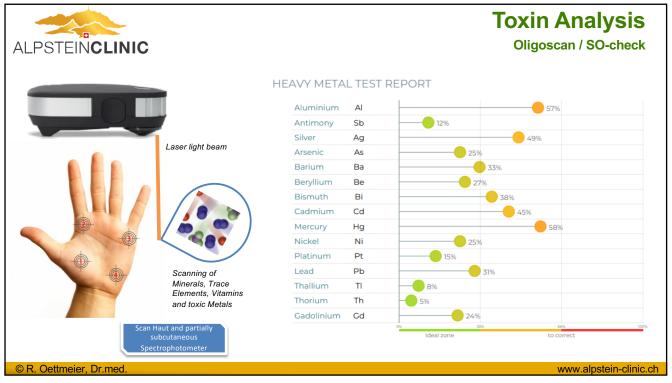
INUS-laboratories (whole blood examination)

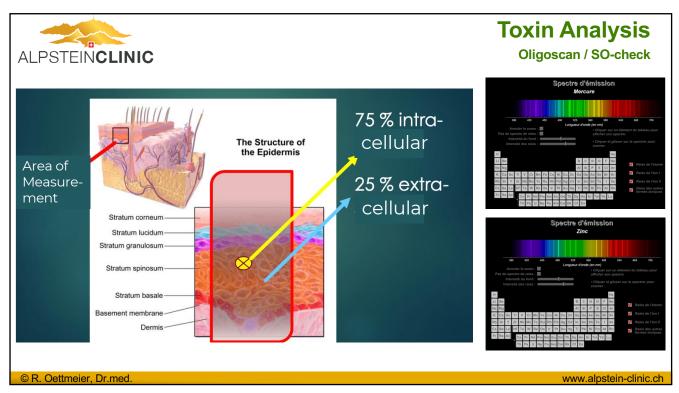


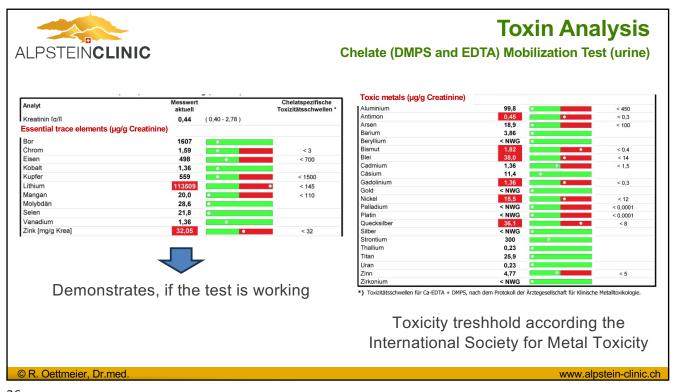
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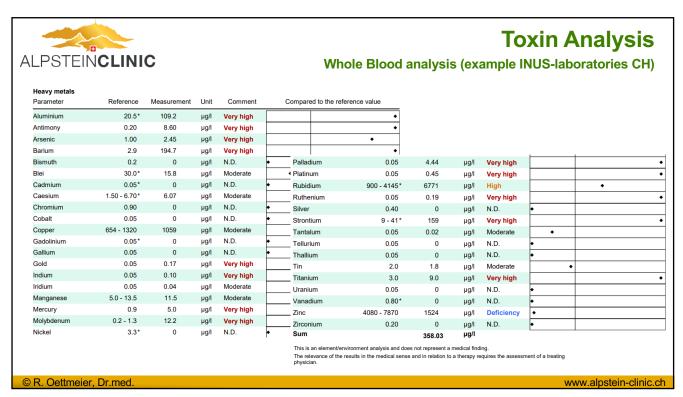
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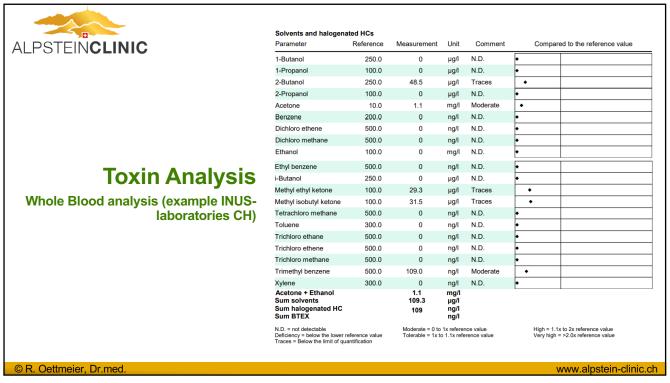


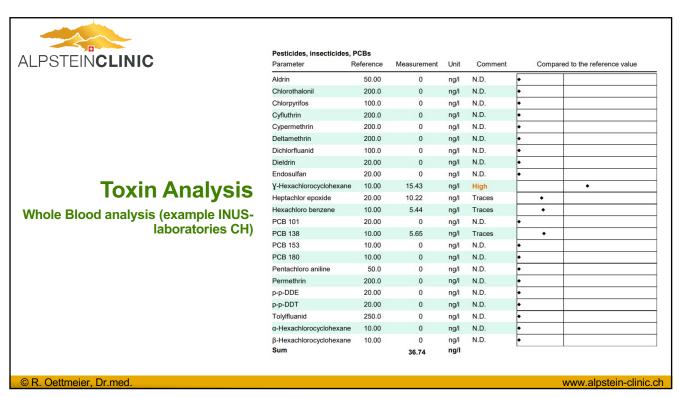














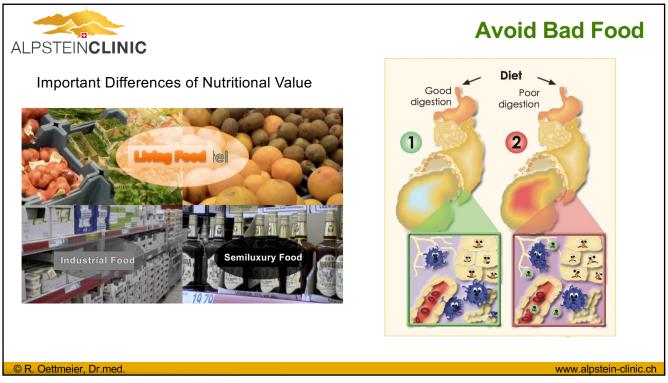
## **Detox instead of Intox!**

- Testing of toxic load and intestinal situation (dark field microscopy, stool analysis, DMPS/EDTA mobilization test, Oligoscan, hair or Skin multielemental analysis, IGL environmental toxins in lymphocytes)
- General Detox Measures
- Specific Removal and Detox Techniques
  - Liver cleansing, fasting, diet, colonics
  - Detox using biological remedies (plants, homotoxicologics, homeoopathic remedies, Spagyric, anthroposophic and isopathic remedies)
  - Whole body hyperthermia, Sauna, IR-cabine
  - · Detox infusions
  - INUSpheresis®
- "psycho-mental detox" and Selfcare

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## **Detoxification orally**

- Algae (e.g. Chlorella, 3x3-6)
- Zeolith
- Antioxidants (Vitamin C 1-2g, Zinc 15-30 mg, Vitamin E, Selenium 200-600 μg)
- Organ supporters (Taraxacum comp., Solidago comp., Hepar suis, Ren suis, Mucosa comp.)
- **Intestinal Health** -> "blotter effect" (isopathic up-building, probiotics, L+lactic acid, Activomin®, healing earth (Trinkmoor®), fermented drinks, healing diet)
- Chelation (Dimaval® caps., Pleo-Chelate® drops)
- In-saturated **fatty acids** and alpha-lipoic acid (600 mg)
- Lava Stone Powder (Zeolith 2-3x2 caps.)
- Spagyrics (e.g. Pekanas trias from Renelix, Toxex and Apo-Hepat)
- · Nosode drops
- Specific nervous system detox with Coriandrum and Allium ursinum

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## Additional Proven Detoxification Measures

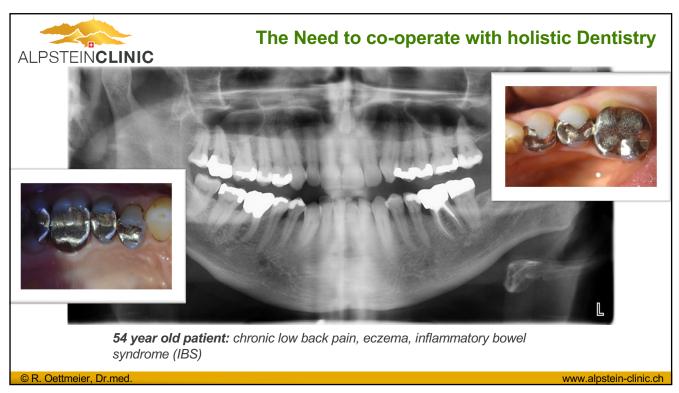
- External Applications:
  - Baths, sauna, wraps, Kneipp, oil and honey massages
- Colon cleansing:
  - Klyso, medical intestinal lavage (CHT), coffee and oil enemas
- · Diet:
  - Fasting, deriving diets
- Infusions:
  - Special Infusions, Procaine Base, ProcCluster®, DMPS, EDTA, DTPA
- INUSpheresis®

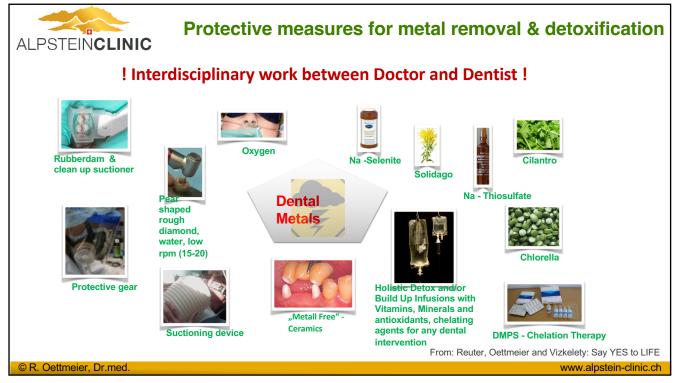


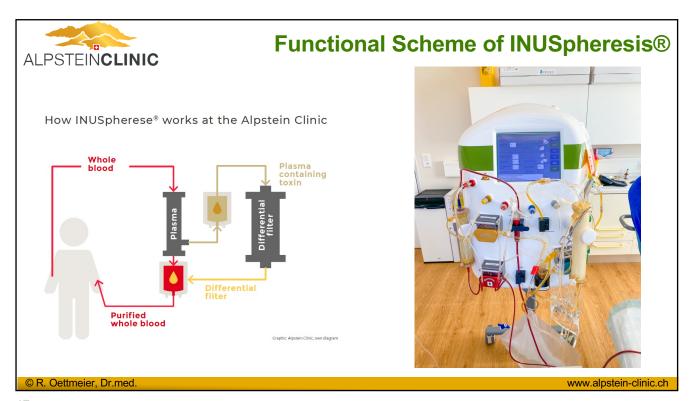
Colon Hydromat comfort Fa.
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# **Eluat-Analysis**

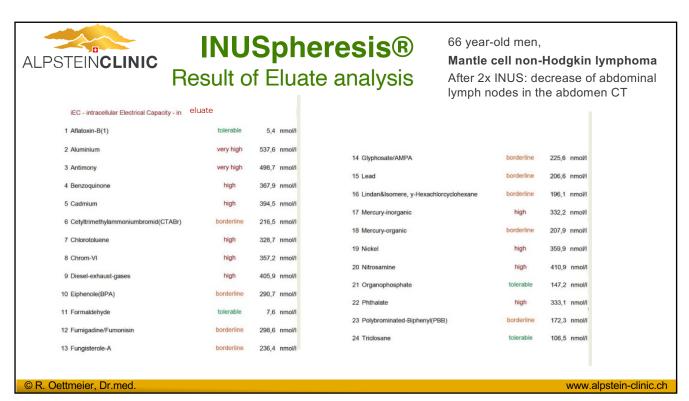
- Heavy metals
- · Pesticides, Insecticides
- · Herbizides, Plasticizers
- Solvents
- Circulating immune complexes
- Microbiological loads
- and much more ...

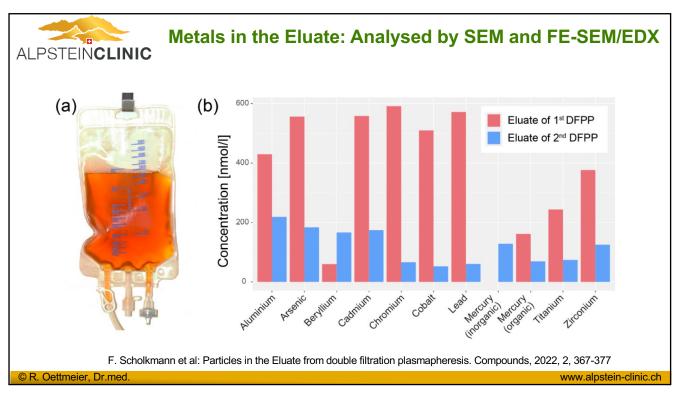


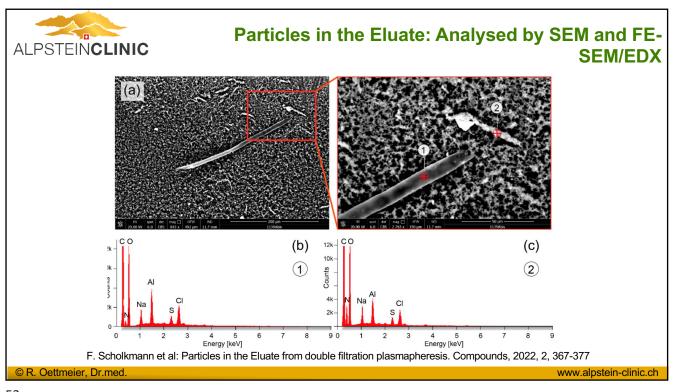
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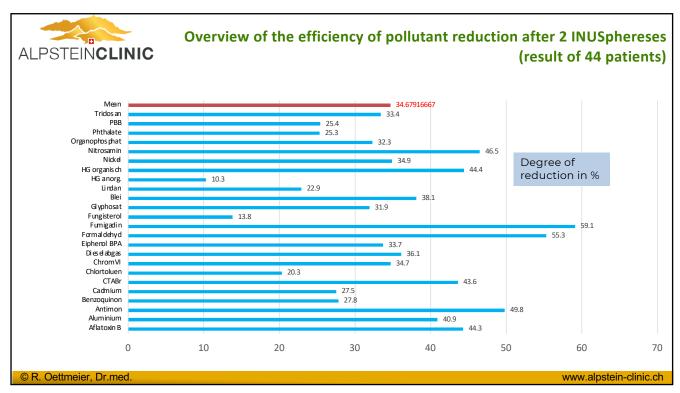
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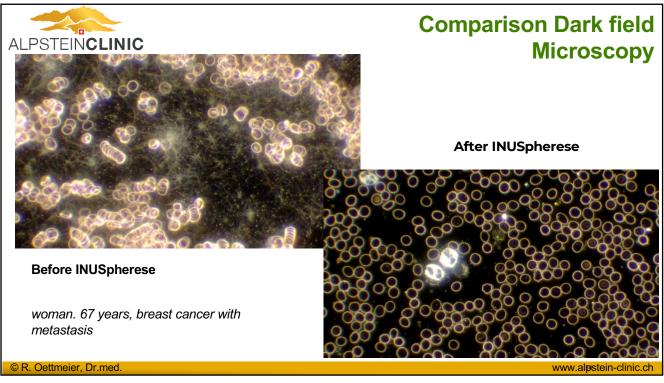
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# **But please never forget:**



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There are existing a lot of other toxins beside chemicals!

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