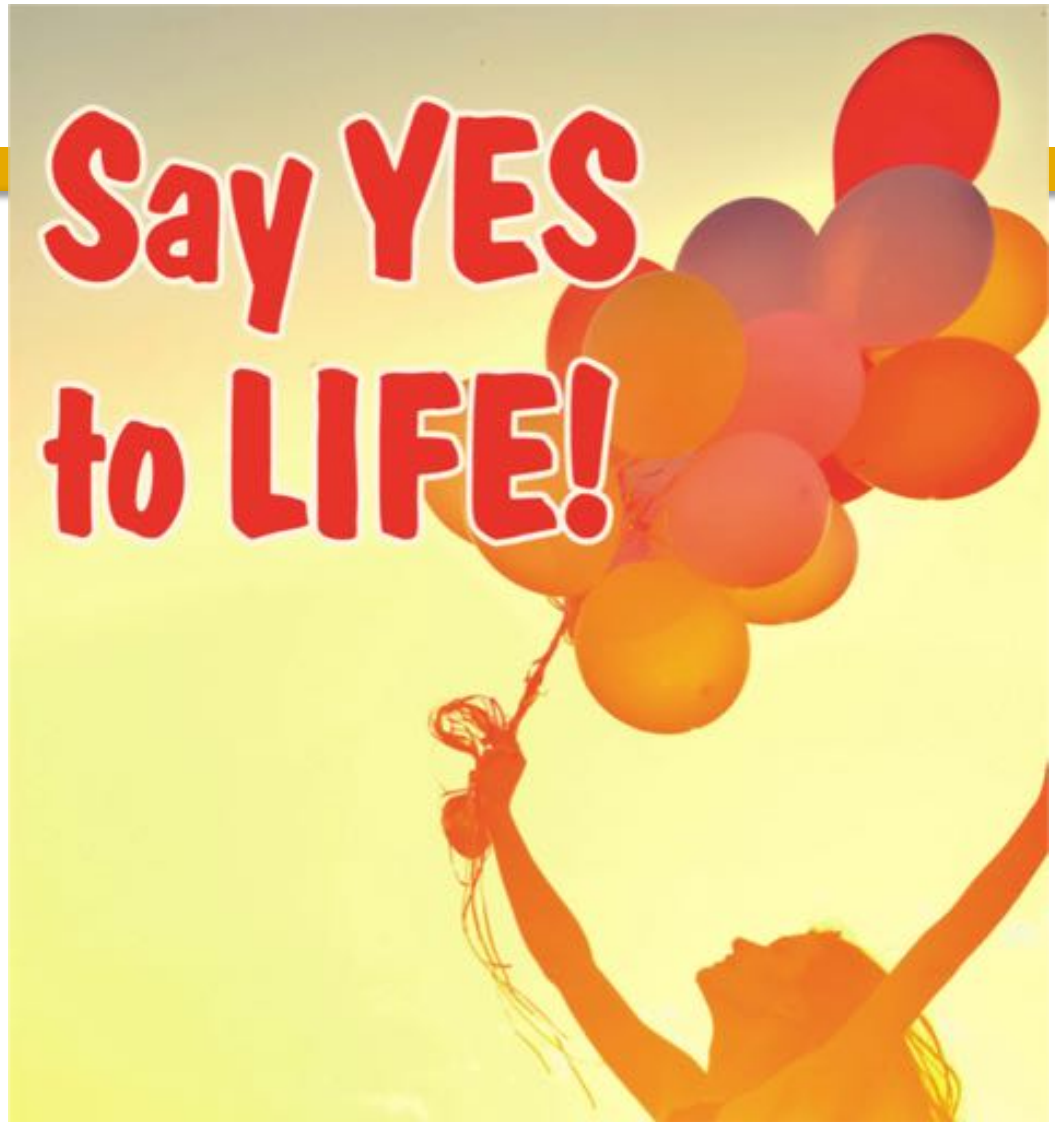




## Greetings from the Appenzeller Land Eastern part of Switzerland

**Biological Medicine  
and Dentistry today  
in chronic Diseases  
and Cancer**

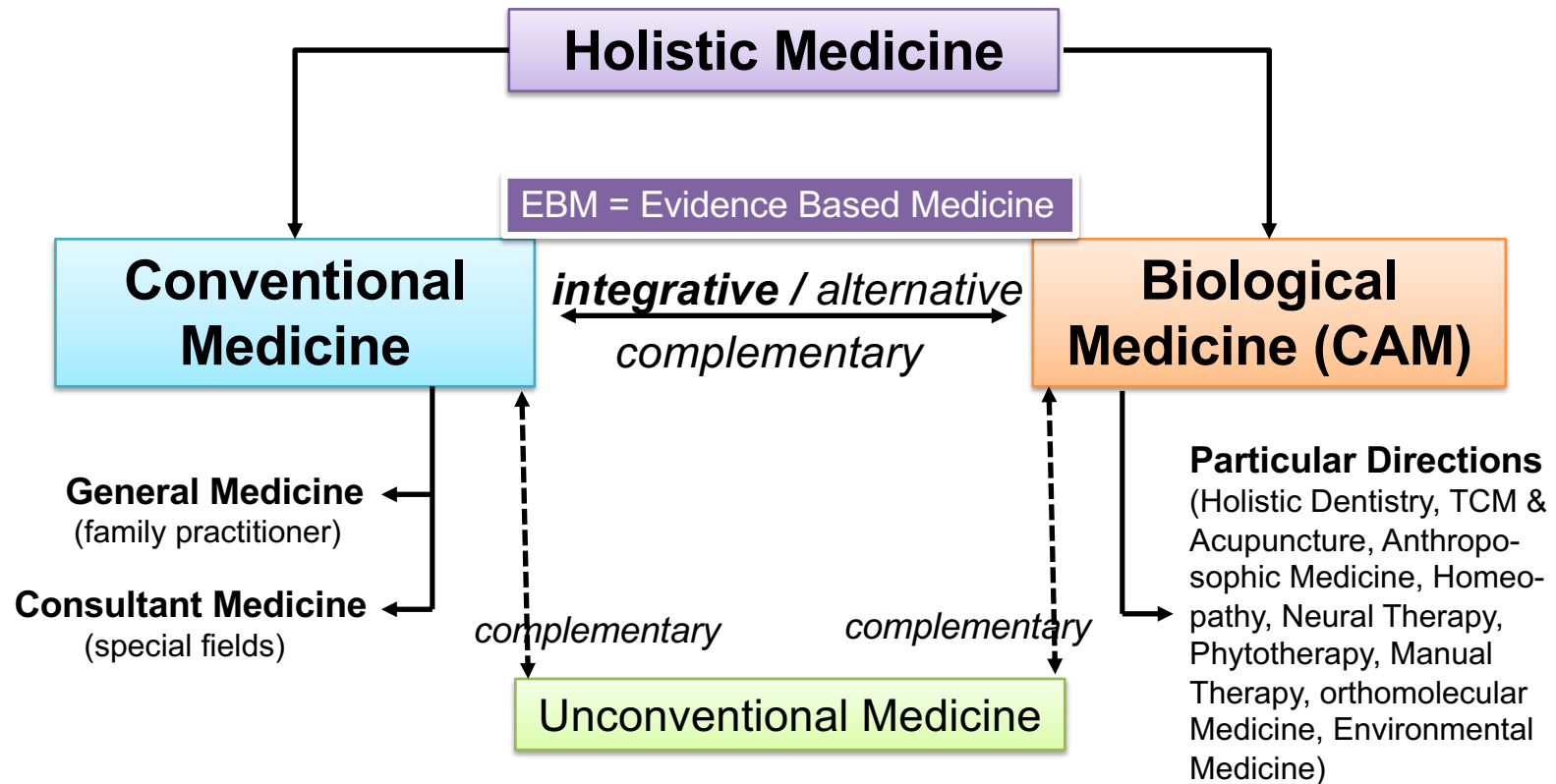
Ralf Oettmeier & Josef Vizkelety and Team  
Alpstein Clinic, Gais (AR), Switzerland



- medical study finished 1988
- residency in orthopaedic surgery
- additional qualifications
  - Specialist for Pain Treatment
  - classic Natural Healing Methods
  - Homeopathy
  - Acupuncture
  - Neural Therapy
  - Biological Cancer Medicine
  - Regenerative Cell Therapy
- 1992-2013 Head Physician **Clinic im Leben – GER**
- till Oct. 2017 Leading Doctor at **Paracelsus Clinic – CH**
- as from 2018 Head Physician **Alpstein Clinic - CH**



*Dr.med. Ralf Oettmeier*





# The meaning of “Evidence Based Medicine”

## Implementation of CAM into the National Health System of U.S.A.

U.S. Department of Health and Human Services National Institutes of Health





**NIH** National Center for Complementary and Integrative Health

Search NCCIH

Información en Español

Health Info Research Grants & Funding Training News & Events About NCCIH

### Evidence-Based Medicine: Literature Reviews

Share:    

When talking to your patients about complementary health approaches, you want to be able to answer the question: Is there any scientific evidence that this complementary product or practice works and is safe? The resources on this page will help inform you about what the science says (limited to the past 5 years).

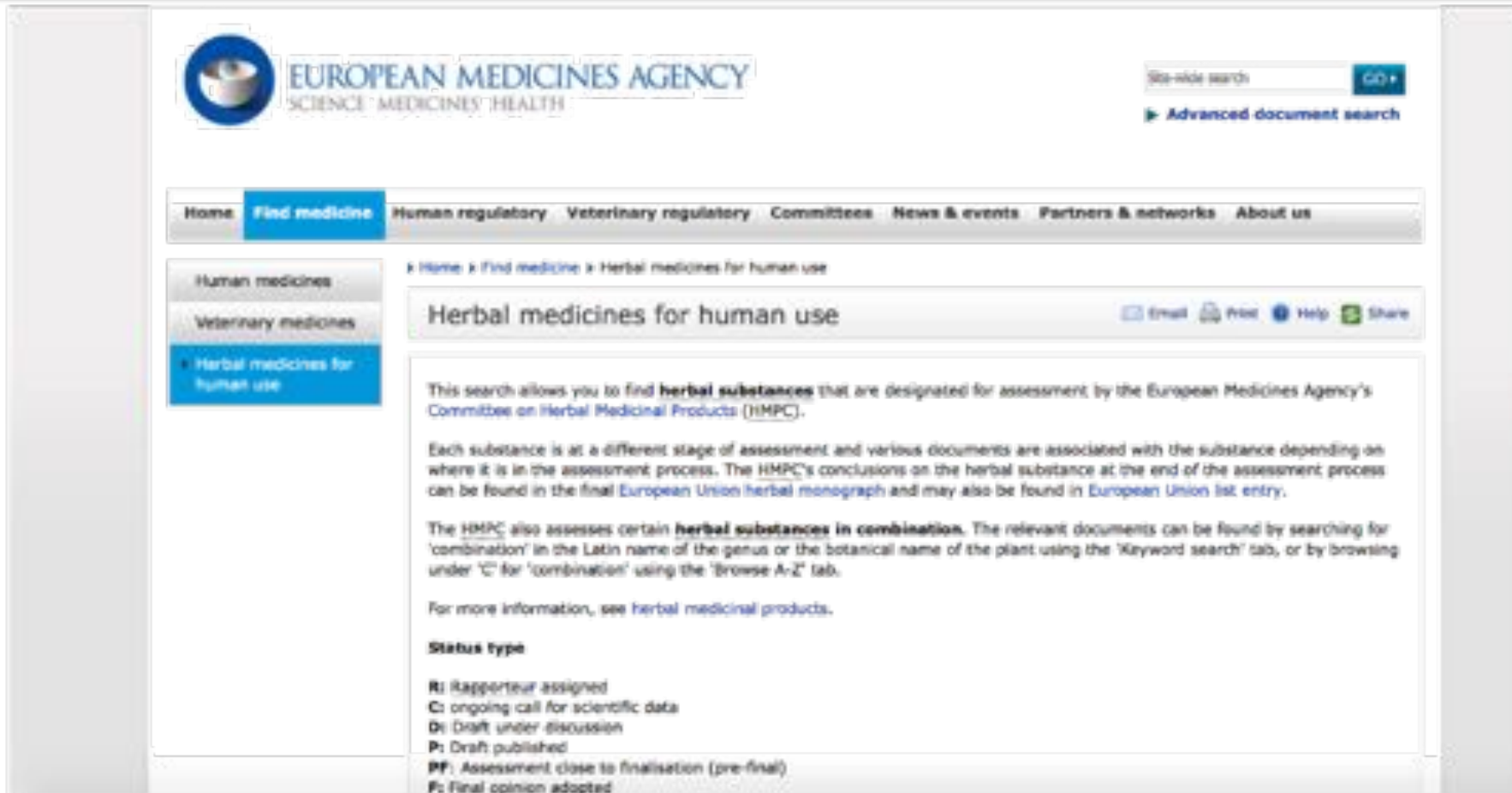
#### Açaí

- Systematic Reviews/Reviews/Meta-analyses (PubMed®)
- Randomized Controlled Trials (PubMed®)

#### Acupuncture

- Systematic Reviews/Reviews/Meta-analyses (PubMed®)
- Randomized Controlled Trials (PubMed®)

100 evidence based CAM methods are implemented in the NHS (!)



The screenshot displays the European Medicines Agency (EMA) website. At the top left is the EMA logo with the tagline 'SCIENCE · MEDICINES · HEALTH'. To the right is a search bar with a 'GO' button and a link to 'Advanced document search'. Below the logo is a navigation menu with 'Find medicine' highlighted. A left sidebar contains a menu with 'Herbal medicines for human use' selected. The main content area is titled 'Herbal medicines for human use' and includes social media sharing icons (Email, Print, Help, Share). The text explains that the search allows finding herbal substances designated for assessment by the EMA's Committee on Herbal Medicinal Products (HMPC). It details the assessment process, from initial call for data to final monograph entry. It also notes that the HMPC assesses certain herbal substances in combination, which can be found by searching for 'combination' in the Latin name or botanical name. A legend for status types is provided at the bottom of the page.

EUROPEAN MEDICINES AGENCY  
SCIENCE · MEDICINES · HEALTH

Site-wide search GO  
Advanced document search

Home Find medicine Human regulatory Veterinary regulatory Committees News & events Partners & networks About us

Human medicines  
Veterinary medicines  
Herbal medicines for human use

Home Find medicine Herbal medicines for human use

## Herbal medicines for human use

Email Print Help Share

This search allows you to find **herbal substances** that are designated for assessment by the European Medicines Agency's Committee on Herbal Medicinal Products (HMPC).

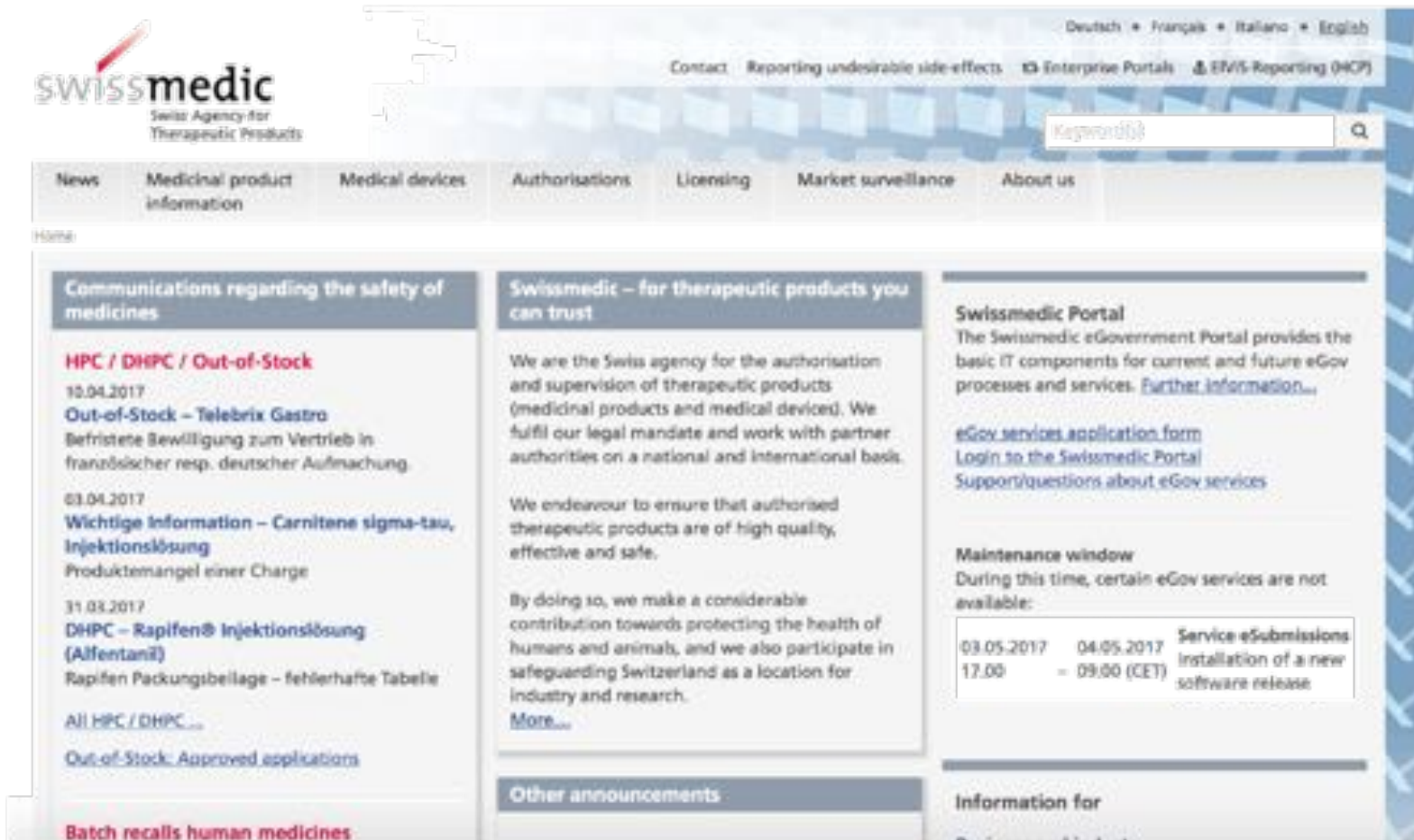
Each substance is at a different stage of assessment and various documents are associated with the substance depending on where it is in the assessment process. The HMPC's conclusions on the herbal substance at the end of the assessment process can be found in the final European Union herbal monograph and may also be found in European Union list entry.

The HMPC also assesses certain **herbal substances in combination**. The relevant documents can be found by searching for 'combination' in the Latin name of the genus or the botanical name of the plant using the 'Keyword search' tab, or by browsing under 'C' for 'combination' using the 'Browse A-Z' tab.

For more information, see [herbal medicinal products](#).

**Status type**

- R: Rapporteur assigned
- C: ongoing call for scientific data
- D: Draft under discussion
- P: Draft published
- PF: Assessment close to finalisation (pre-final)
- F: final opinion adopted



[Deutsch](#) • [Français](#) • [Italiano](#) • [English](#)  
[Contact](#) | [Reporting undesirable side-effects](#) | [Enterprise Portals](#) | [EVIS-Reporting \(HCP\)](#)

[News](#) | [Medicinal product information](#) | [Medical devices](#) | [Authorisations](#) | [Licensing](#) | [Market surveillance](#) | [About us](#)

[Home](#)

**Communications regarding the safety of medicines**

**HPC / DHPC / Out-of-Stock**  
 10.04.2017  
**Out-of-Stock – Telebrix Gastro**  
 Befristete Bewilligung zum Vertrieb in französischer resp. deutscher Aufmachung

03.04.2017  
**Wichtige Information – Carnitene sigma-tau, Injektionslösung**  
 Produktmangel einer Charge

31.03.2017  
**DHPC – Rapifen® Injektionslösung (Ailfentanil)**  
 Rapifen Packungsbeilage – fehlerhafte Tabelle

[All HPC / DHPC...](#)

[Out-of-Stock: Approved applications](#)

**Batch recalls human medicines**

**Swissmedic – for therapeutic products you can trust**

We are the Swiss agency for the authorisation and supervision of therapeutic products (medicinal products and medical devices). We fulfil our legal mandate and work with partner authorities on a national and international basis.

We endeavour to ensure that authorised therapeutic products are of high quality, effective and safe.

By doing so, we make a considerable contribution towards protecting the health of humans and animals, and we also participate in safeguarding Switzerland as a location for industry and research.

[More...](#)

**Swissmedic Portal**

The Swissmedic eGovernment Portal provides the basic IT components for current and future eGov processes and services. [Further information...](#)

[eGov services application form](#)  
[Login to the Swissmedic Portal](#)  
[Support/questions about eGov services](#)

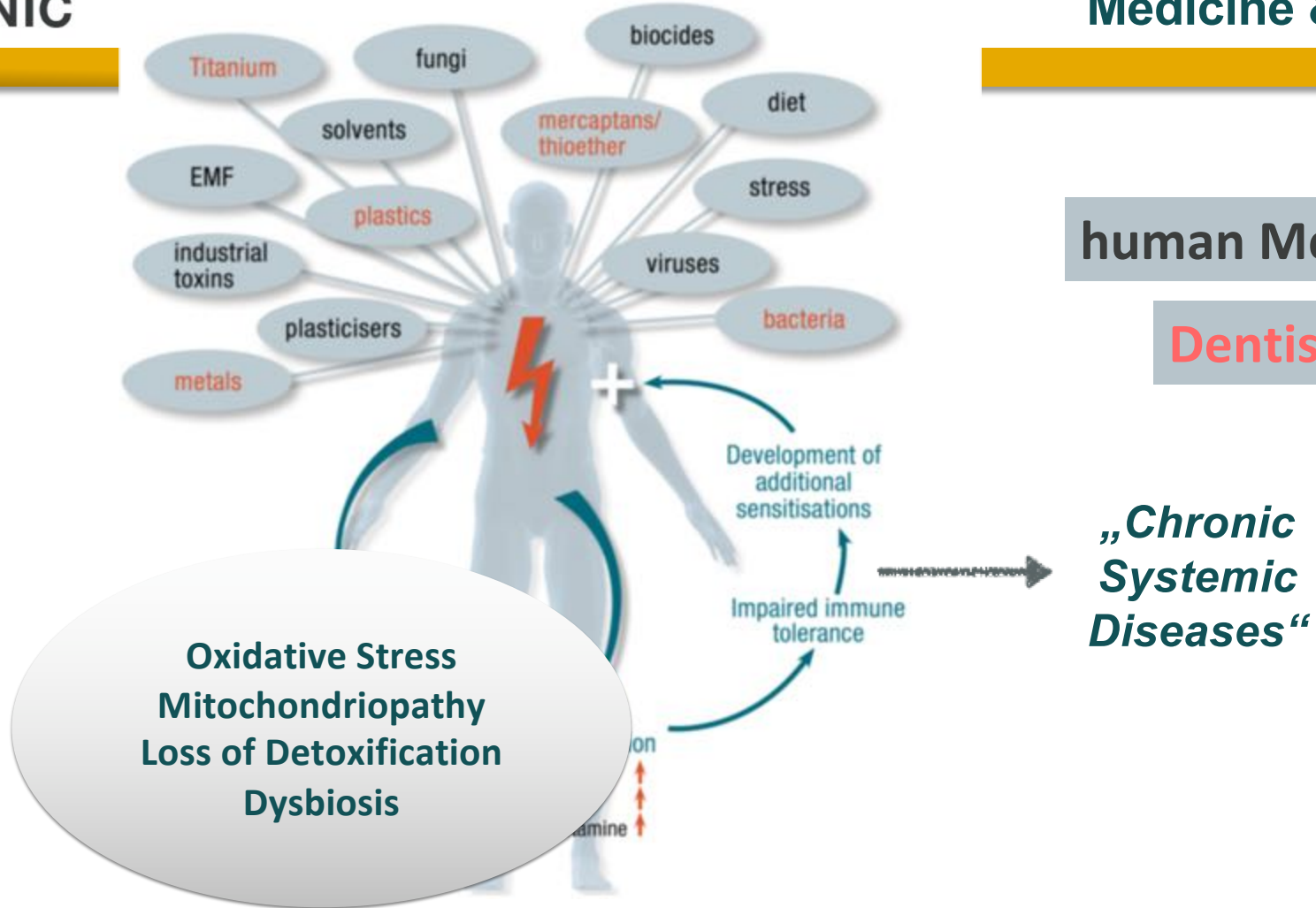
**Maintenance window**  
 During this time, certain eGov services are not available:

03.05.2017 17:00	04.05.2017 - 09:00 (CET)	<b>Service eSubmissions</b> Installation of a new software release
---------------------	-----------------------------	---

**Other announcements**

**Information for**

# Synergy of Evidence based Biological Medicine & Dentistry



human Medicine

Dentistry



Fibromyalgia (1)  
Lymes Disease/Borrreliosis (2)  
Breast cancer (3)  
Autoimmune disorders (4)  
Infertility (5)  
Neurological Disorders (6)  
CFS (7)

Reference: 1) **Stejskal et al.**, Metal-induced inflammation triggers fibromyalgia in metal-allergic patients. *Neuroendocrinol Lett* 2013; 34(6):559–565. 2) **Valentine-Thorn E et al.**, A novel lymphocyte transformation test (LTT-MELISA) for Lyme borreliosis *Diagn Microbiol Infect Dis.* 2006 Jul 27. 3) **Stejskal et al.**, Increased levels of transition metals in breast cancer tissue. *Neuro Endocrinol Lett* 2006; 27(Suppl 1): 36-39. 4) **Sterzl I et al.**, Removal of dental amalgam decreases anti-TPO and anti-Tg autoantibodies in patients with autoimmune thyroiditis. *Neuro Endocrinol Lett* 2006; 27(Suppl 1): 25-30. 5) **Podzimek S et al.**, Sensitization to inorganic mercury could be a risk factor for infertility. *Neuroendocrinology Letters*, 2005:26(4);277-282 6+7) **Regland B et al.**, Nickel allergy is found in a majority of women with chronic fatigue syndrome and muscle pain – and may be triggered by cigarette smoke and dietary nickel intake. *Journal of Chronic Fatigue Syndrome*, Vol. 8(1) 2001

Oxidative stress and  
cancer formation,  
antibiotic resistancy(8,9)

Lung & Bone diseases(10)

Skin diseases (11)

Kidney diseases (13)

**Health Effects**

Heart diseases (12)

Genetic prevalence &  
polymorphism (16)

Infertility(15)

Neurological diseases,  
ALS, MS, Parkinson´s  
disease, Alzheimer (14)

Reference: 8) **Di Pietro A et al.**, Biomonitoring of DNA damage in peripheral blood lymphocytes of subjects with dental restorative fillings. *Mutat Res* 2008, 650:115-122. 9) **Lorscheider FL et al.**, The dental amalgam mercury controversy—inorganic mercury and the CNS; genetic linkage of mercury and antibiotic resistances in intestinal bacteria. *Toxicology* 1995, 97:19-22. 10) **Hahn LJ et al.**, Whole-body imaging of the distribution of mercury released from dental fillings into monkey tissues. *FASEB Journal* 1990, 4:3256-3260. 11) **Weidinger S et al.**, Body burden of mercury is associated with acute atopic eczema and total IgE in children from southern Germany. *J Allergy Clin Immunol* 2004, 114:457-459. 12) **Houston MC**: The role of mercury and cadmium heavy metals in vascular disease, hypertension, coronary heart disease, and myocardial infarction. *Altern Ther Health Med* 2007, 13:128-133. 13) **Mortada WI et al.**, Mercury in dental restoration: is there a risk of nephrotoxicity? *J Nephrol* 2002, 15:171-176. 14) **Carpenter DO**: Effects of metals on the nervous system of humans and animals. *Int J Occup Med Environ Health* 2001, 14:209-218. 15) **Gerhard I et al.**, Heavy metals and fertility. *J Toxicol Environ Health*. 1998, 54:593-611. 16) **Wojcik DP et al.**, Mercury toxicity presenting as chronic fatigue, memory impairment and depression: diagnosis, treatment, susceptibility, and outcomes in a New Zealand general practice setting (1994-2006). *Neuro Endocrinol Lett* 2006, 27:415-423.

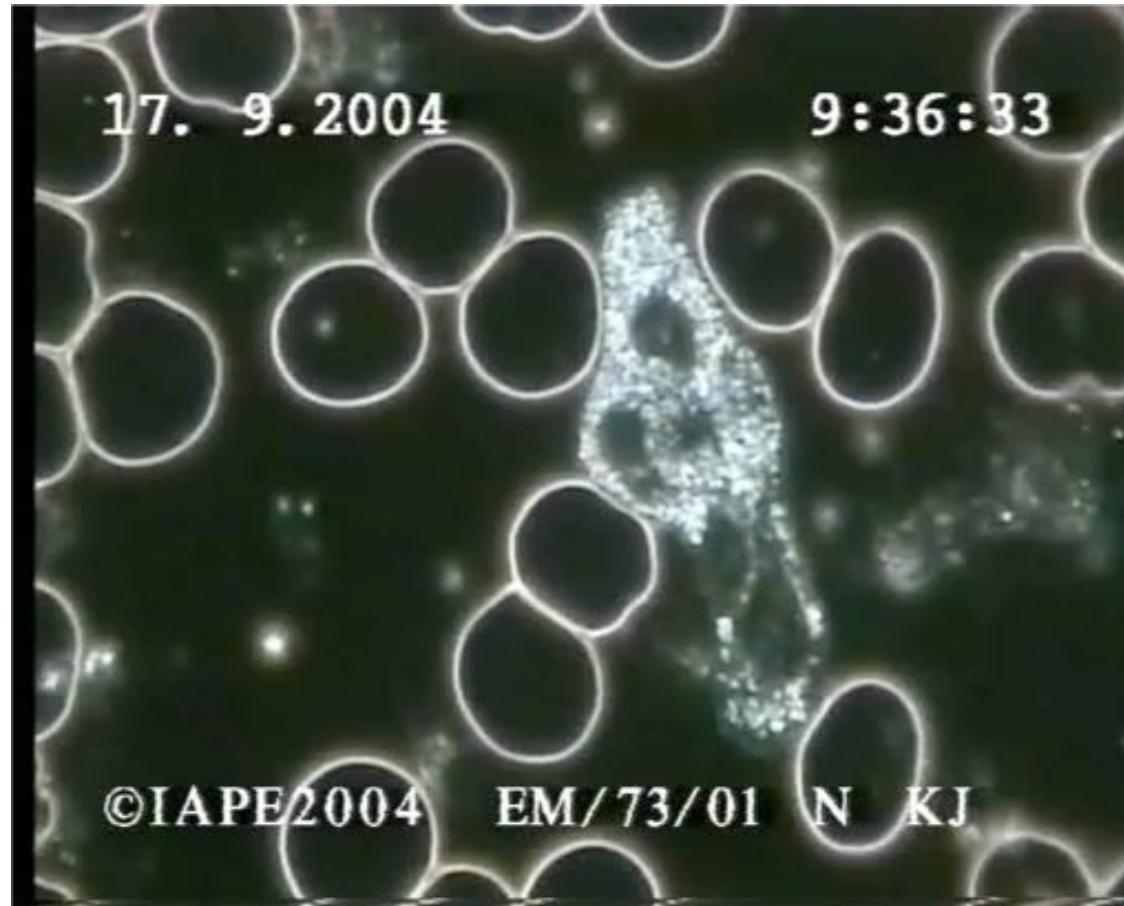
## Achievements

- high living standard
- big knowledge
- increased expectancy
- medical proceedings
- multimodal networking

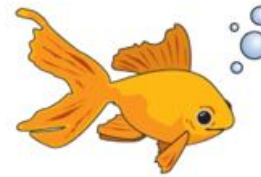
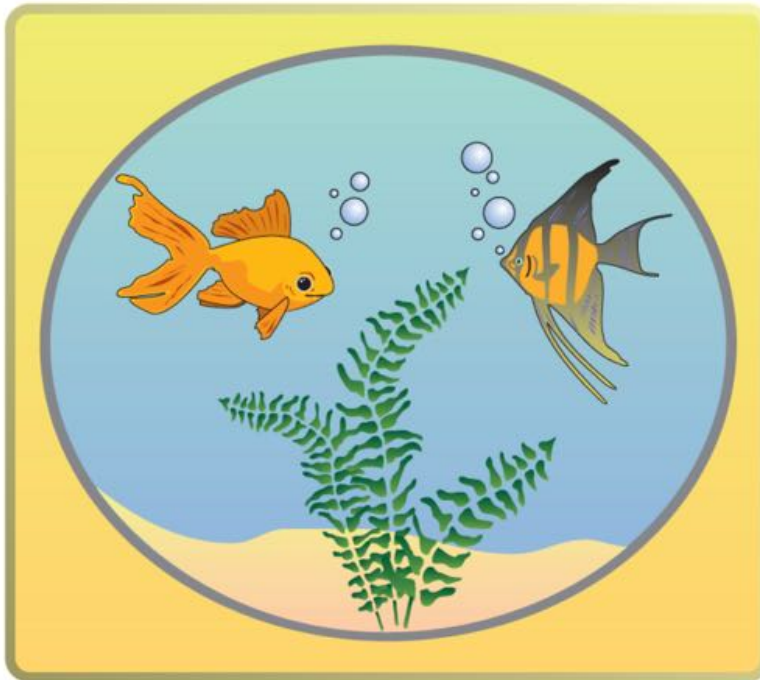
## Problems

- environmental problems
- increasing living speed
- increase of chronic diseases and cancer
- **crisis of faith? trust and believe**

# Understanding the „Wonder of Life“



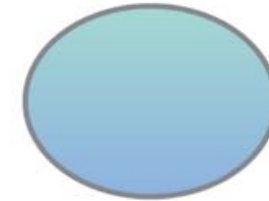




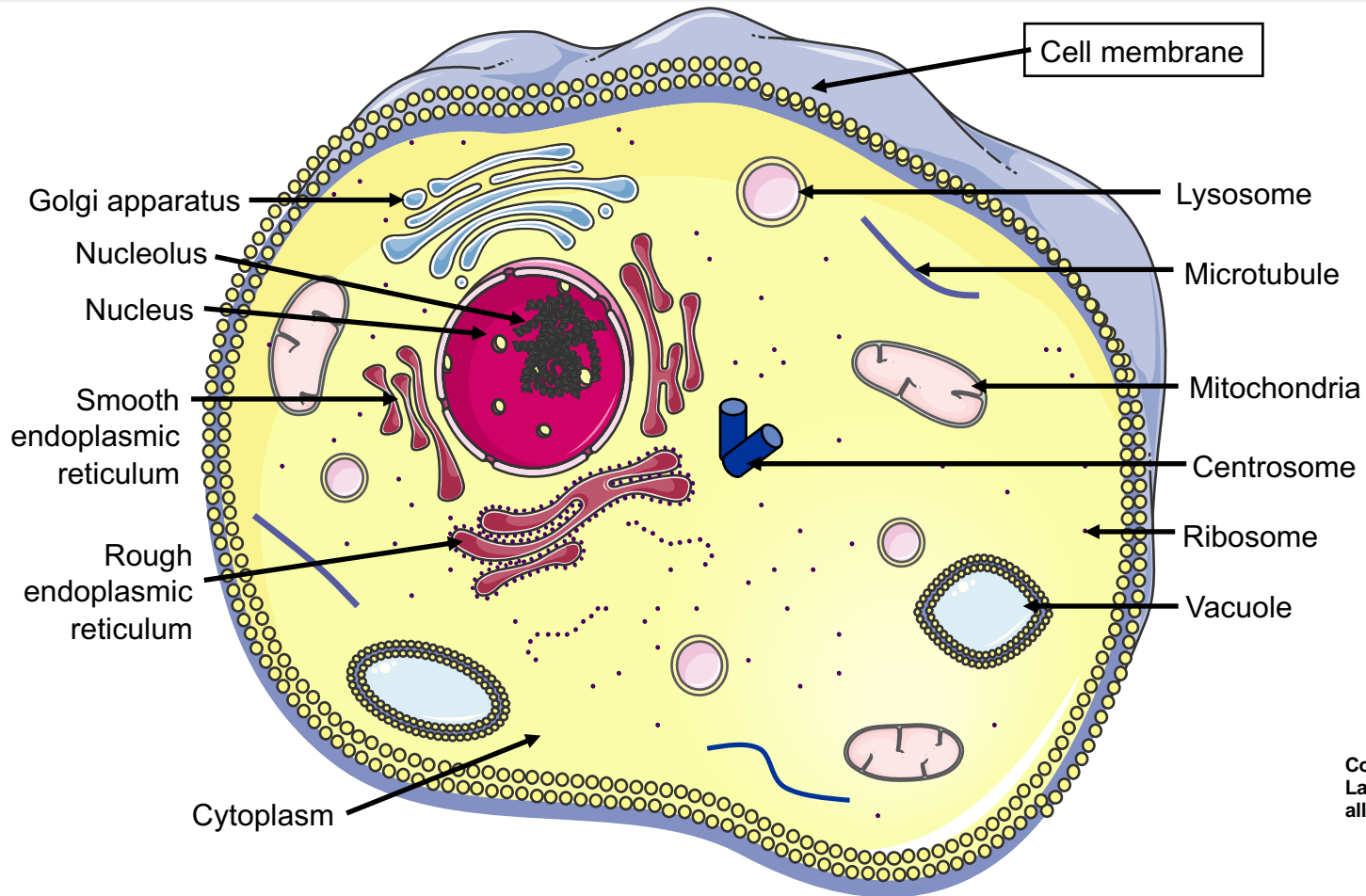
fish  
=  
cells



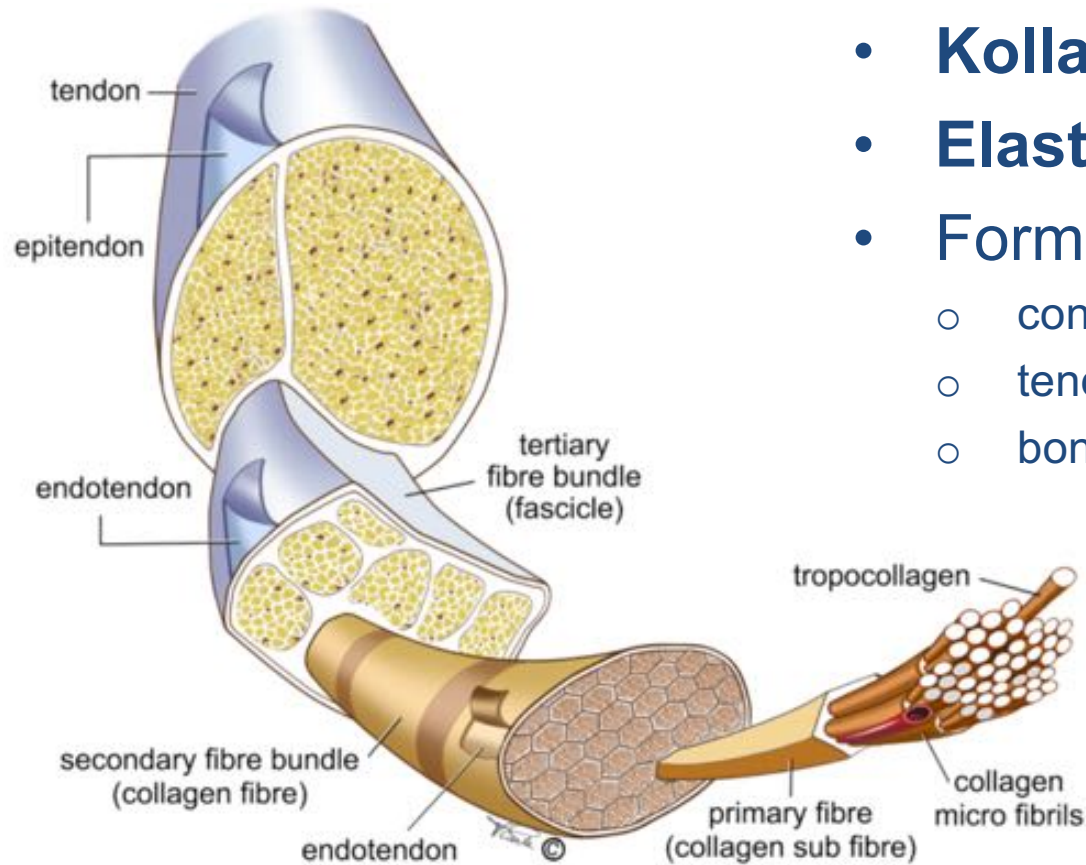
aquatic plant  
=  
fibre



water  
=  
intercellular

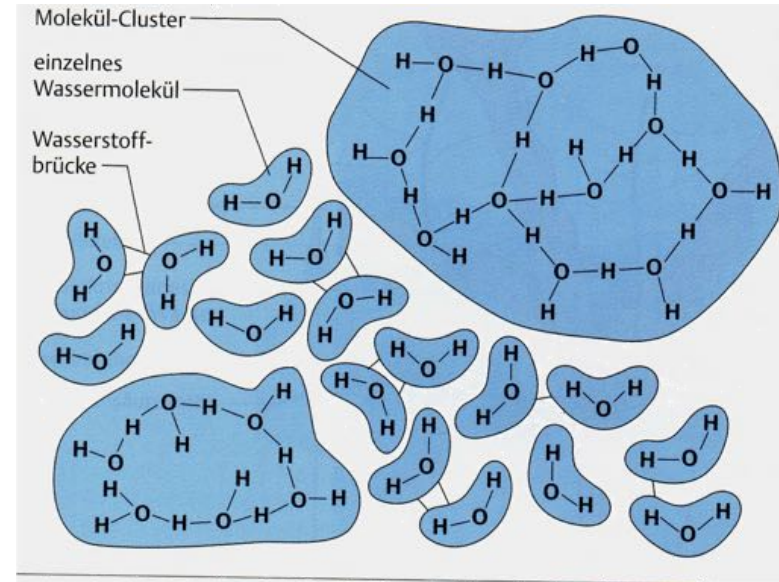
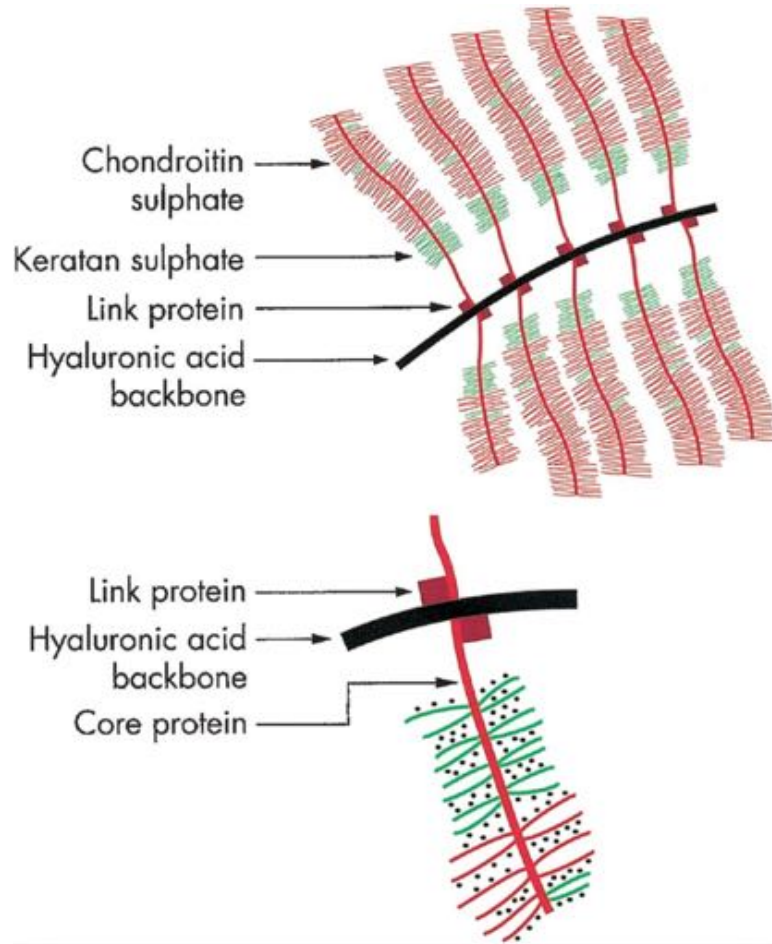


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- **Kollagen**
- **Elastin**
- **Formation of**
  - connective tissue
  - tendons, capsules
  - bone, teeth

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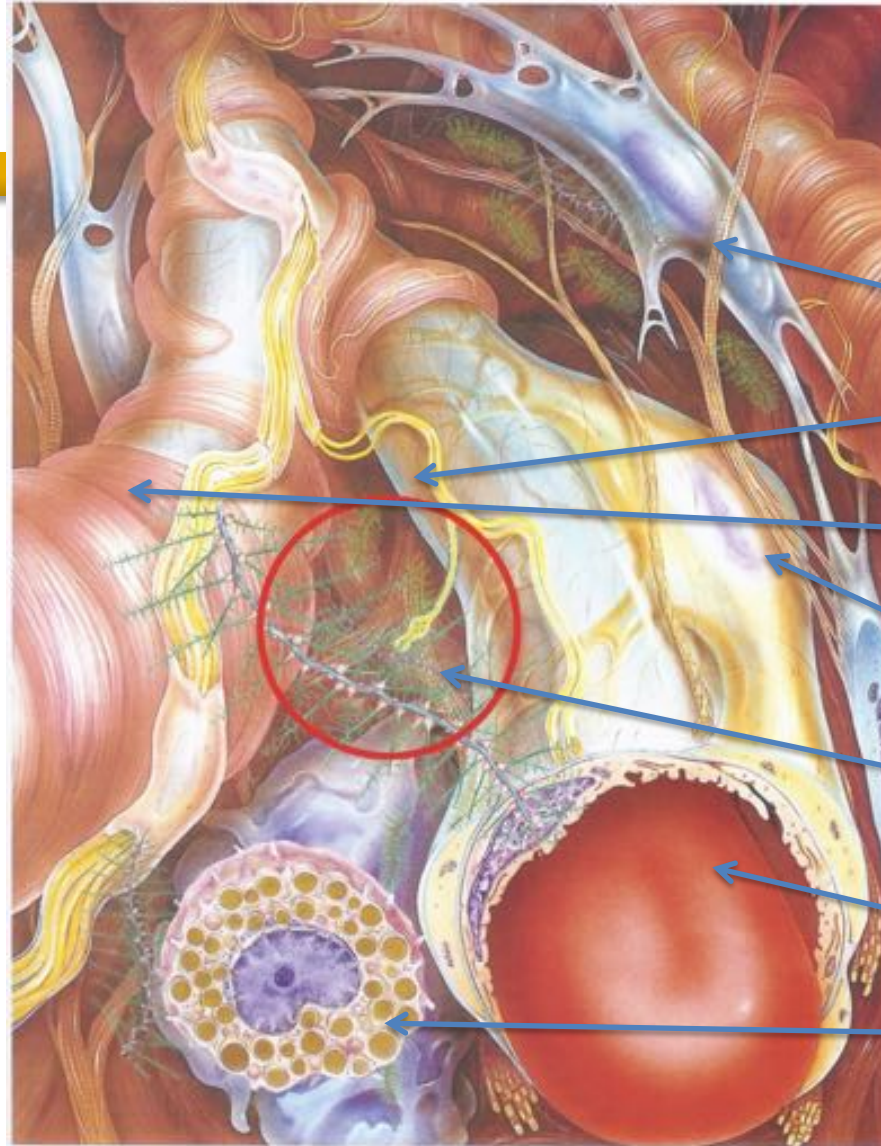


water and cluster formations

proteoglycans



# Synopsis of Body Structure



fibrocyt

nerval fibre

smooth muscle

kollagen fibre

proteoglycan (matrix protein)

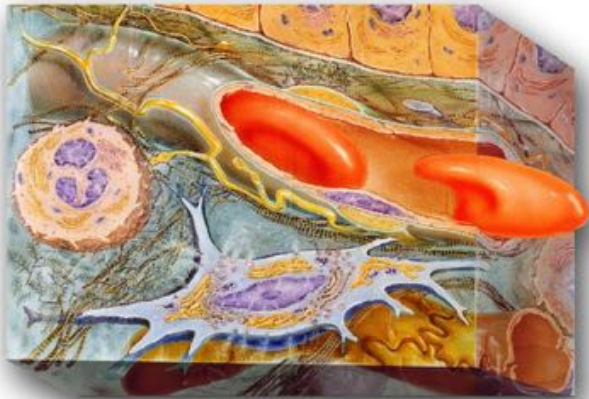
blood vessel with red cell

immune cell

© St. Johanser



# Exchange of Substances (and Information)



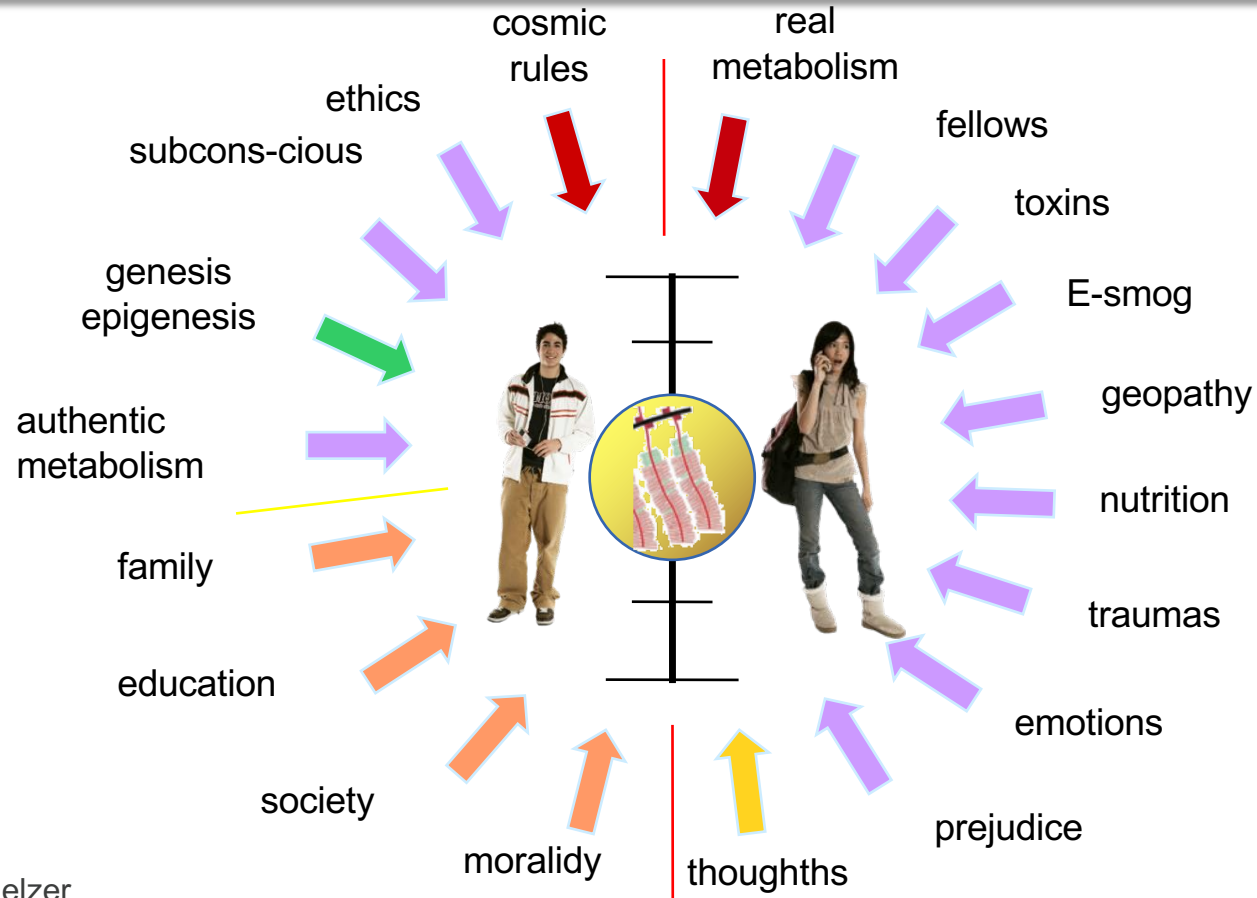
© St. Johanser



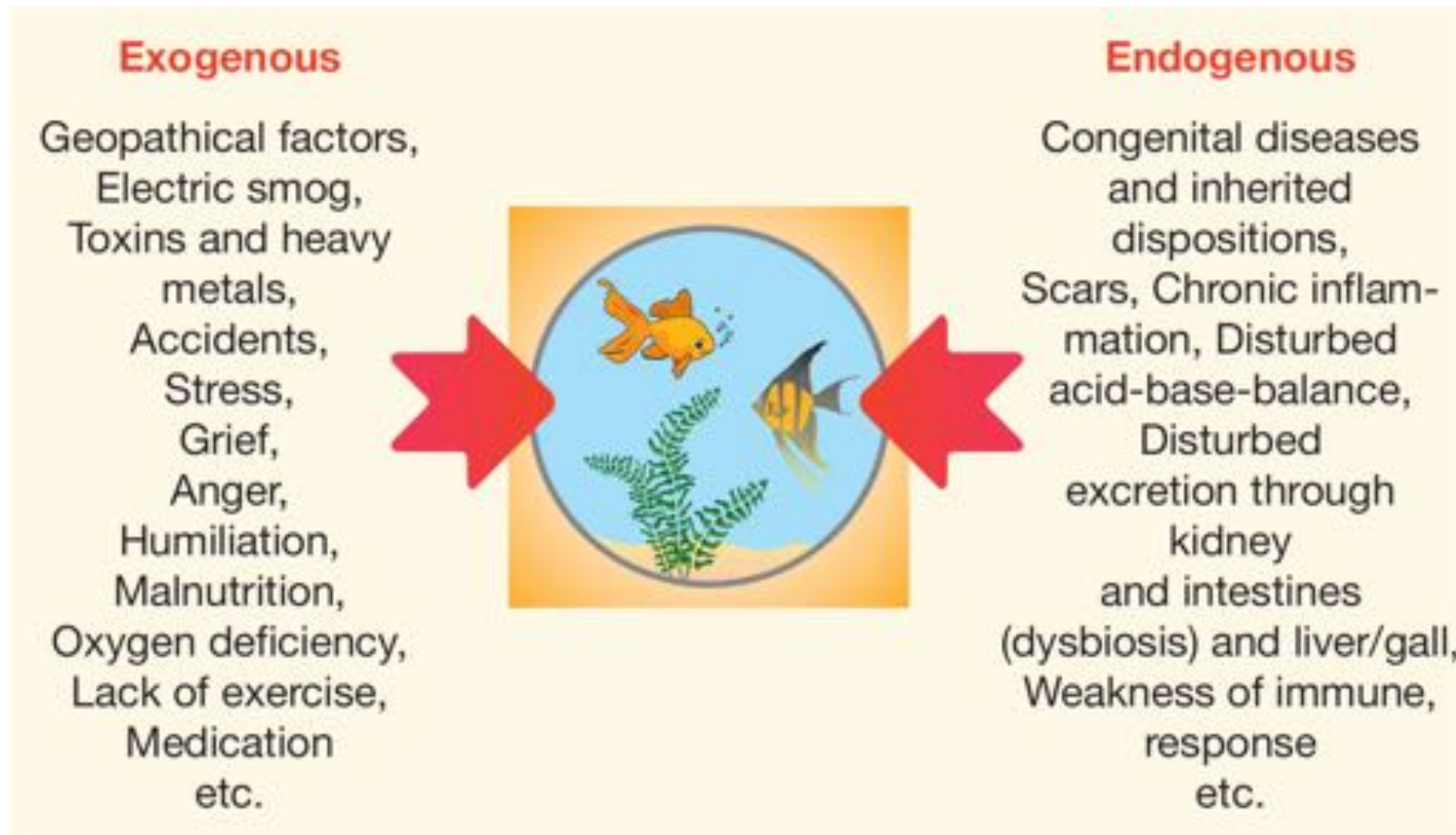
**main transport ways:**

- blood vessels
- lymph system

**filtering function of matrix proteins**



after R. Melzer



## The 4 pillars of „Integrative Biological Medicine & Dentistry“

**Recognize  
Influencing  
Factors**

**Purification  
and  
Release**

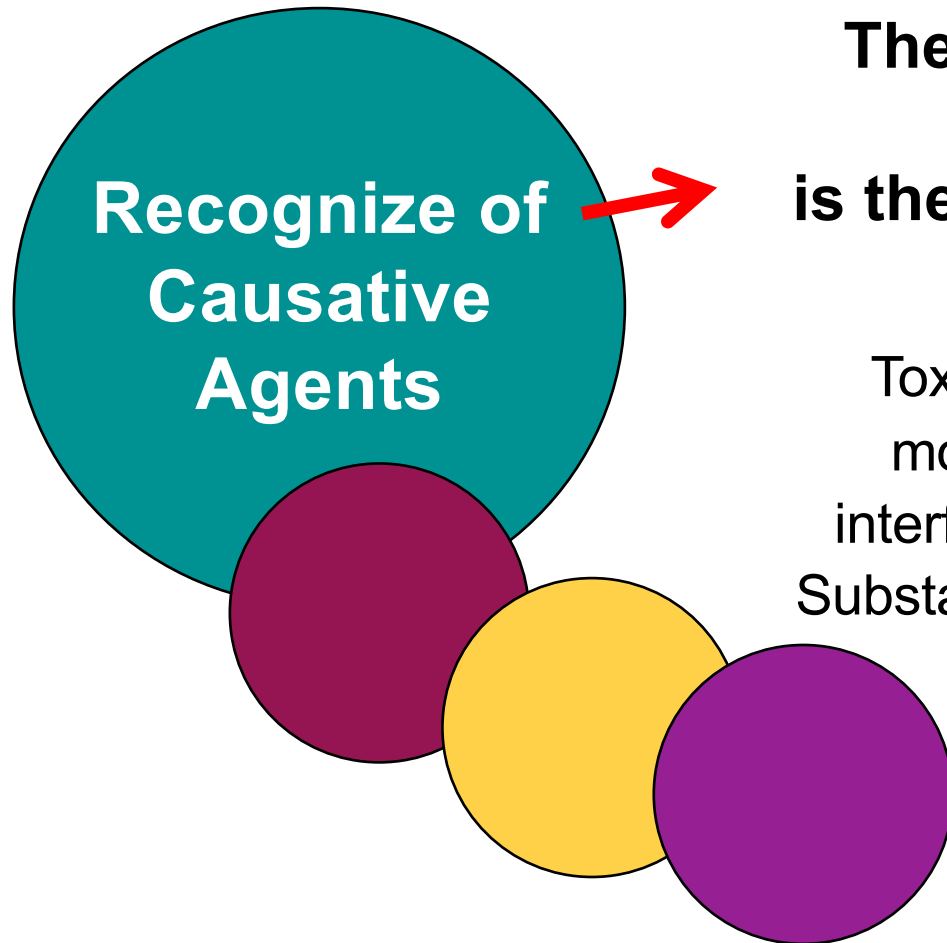
**Regeneration  
and  
Rejuvenation**

**Harmonization  
and  
Awareness**



- **Natural Anti-Aging**  
under optimal conditions no aging
- **Cells and Terrain Factors**  
cell activity and ability to regenerate depends from micro-environmental factors
- **Regeneration/ Rejuvenation**  
due to remodeling processes all tissues are able to regenerate, rejuvenate and repair
- **IN-Formation**  
the big influence of psycho-mental, emotional and spiritual input





**The knowledge of true reasons to  
become ill  
is the 1<sup>st</sup> stage to all healing and well  
aging!**

Toxic loads (all biological levels), neuro-  
modulative triggers (inflammatory foci,  
interfering fields), Malnutrition, Lack of vital  
Substances, Energy Deficiency, Terrainfactors  
(Acid-base-houshold, free radicals,  
building biology, Overstress, Life  
Style and living conditions

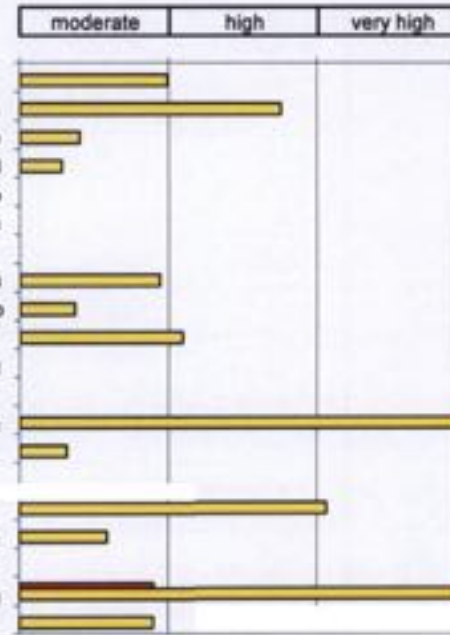
# The heavy and light Metal Problem

## Multi elements analysis MEA Toxiba-A: urine-1 before and urine-2 after DMPS i.v. mobilisation with Dimaval®

By relating the measured value to the creatinine concentration, diuresis effects are not ignored and so an interpretation of the results is more precise

creatinine g/l	reference range	urine-1	urine-2
creatinine ♀	0,30 - 2,20	0,85 g/l	0,42 g/l

toxic element µg/g creatinine	reference range		urine-1	urine-2
	urine-1	urine-2		
aluminium (Al)	< 20		n.a.	19,80
arsenic (As)	< 38		n.a.	66,70 *
lead (Pb)	< 150		n.a.	59,80
cadmium (Cd)	< 5		n.a.	1,40
cobalt (Co)	< 1		n.a.	u.v.Ng.
gold (Au)	< 0,5		n.a.	u.v.Ng.
indium (In)	< 0,2		n.a.	u.v.Ng.
copper (Cu)	< 1700		n.a.	1595,00
molybdenum (Mo)	< 94		n.a.	34,80
nickel (Ni)	< 2,2		n.a.	2,40 *
palladium (Pd)	< 0,042		n.a.	u.v.Ng.
platinum (Pt)	< 1		n.a.	u.v.Ng.
silver (Ag)	< 0,9		n.a.	46,20
strontium (Sr)	< 444		n.a.	140,00
thallium (Tl)	< 0,7		n.a.	u.v.Ng.
bismuth (Bi)	< 1,6		n.a.	3,30
tin (Sn)	< 15		n.a.	8,80
zirconium (Zr)	< 2		n.a.	u.v.Ng.
mercury (Hg)	< 1	< 50	0,90	242,10 *
		<b>&lt; 2474,24</b>	<b>0,90</b>	<b>2220,30</b>

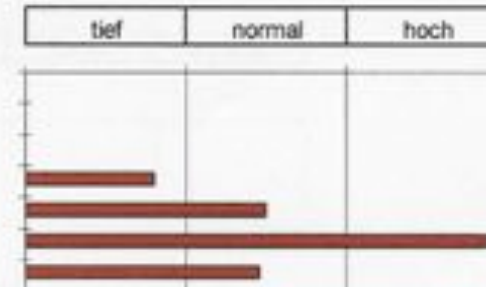


54 year old women suffering from MS, Lyme's disease

## 1. "Screening" von XENOÖSTROGENEN Verbindungen im Blut: PCB's, Pestizide

Polychlorierte Biphenyle: PCBs Kongeneren Nr. 28, 52, 101, 138, 153 und 180

Pentachlorphenol (PCB)	Referenzbereich: µg/ Liter	Analyse A
altersabhängige Normalwerte		
PCB Nr. 28	< 0,02	u.v.Ng
PCB Nr. 52	< 0,01	u.v.Ng
PCB Nr. 101	< 0,1	u.v.Ng
PCB Nr. 138	18 - 19 Jahre < 0,4	0,16
PCB Nr. 153	18 - 19 Jahre < 0,6	0,45
PCB Nr. 180	18 - 19 Jahre < 0,3	0,43
Kumulative TOX	< 1,43	1,04



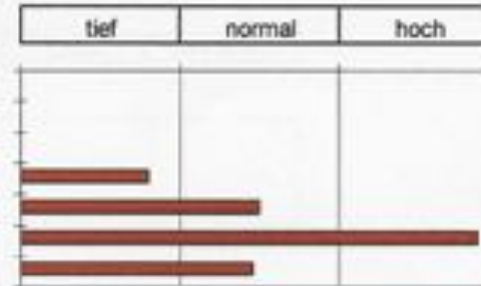
**Toxic load increased by factor 10 since 1950**

24 year old women suffering from severe migraine and Lyme disease

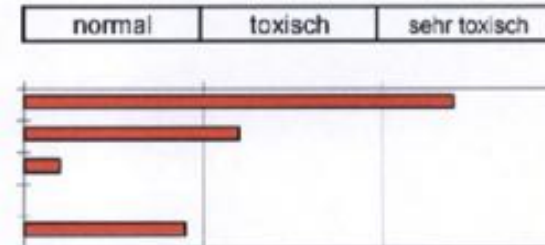
### 1. "Screening" von XENOÖSTROGENEN Verbindungen im Blut: PCB's, Pestizide

Polychlorierte Biphenyle: PCBs Kongeneren Nr. 28, 52, 101, 138, 153 und 180

Pentachlorphenol (PCB)	Referenzbereich: µg/ Liter	Analyse A
altersabhängige Normalwerte		
PCB Nr. 28	< 0,02	u.v.Ng.
PCB Nr. 52	< 0,01	u.v.Ng.
PCB Nr. 101	< 0,1	u.v.Ng.
PCB Nr. 138	18 - 19 Jahre < 0,4	0,16
PCB Nr. 153	18 - 19 Jahre < 0,6	0,45
PCB Nr. 180	18 - 19 Jahre < 0,3	0,43
Kumulative TOX	< 1,43	1,04



PYRETHROID-Metaboliten	Referenzbereich: µg/l	Urin-A
Metabolit 1 (C12CA)	< 0,5	1,20
Metabolit 2 (m-PBA)	< 0,5	0,60
Metabolit 3 (BR2CA)	< 0,5	< 0,1
Metabolit 4 (4F3PBA)	< 0,5	u.v.Ng.
Kumulative TOX	< 2	1,80



**25-y. old female:** migraine, endometriosis, early stage MS

### 2. "Screening" von XENOÖSTROGENEN Verbindungen im Urin: *Phthalate, Pyrethroide, Bisphenol-A*

By relating the measured value to the creatinine concentration, diuresis effects are not ignored and so an interpretation of the results is more precise

Kreatinin g/Liter	Referenzbereich	Analyse A
Kreatinin ♀	0,30 bis 2,20	0,34 g/L

<b>Glyphosat</b>	Referenzbereich	Analyse A
Aminomethylphosphonsäure (AMPA)	$\mu\text{g / Liter}$	
Roundup®	< 0,8	< 0,20
Kumulative TOX	< 0,8	0,00

normal	toxisch	sehr toxisch
--------	---------	--------------



<b>Phthalat-Metabolite</b>	Referenzbereich	Analyse A
Primärmetabolite	$\mu\text{g / g Krea}$	
MEHP	< 21,5	u.v.Ng.
MBP	< 70	42,10
MBzP	< 15	u.v.Ng.
Kumulative TOX	< 106,5	42,10

normal	toxisch	sehr toxisch
--------	---------	--------------



<b>Sekundärmetabolite</b>	$\mu\text{g / g Krea}$	
5-OH-MEHP	< 30	90,60
5-Oxo-MEHP	< 20	28,50
5-Carboxy-MEHP	< 30	100,90
Kumulative TOX	< 80	220,00



65-y. old men: prostate hypertrophy, impotence, acne





List of most hazardous substances for humans

### Substance Priority List

Substance Priority List | SPL Resource Page | CEP Site Count Report

ATSDR's Substance Priority List

**What is the Substance Priority List (SPL)?**

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) section 104 (I), as amended by the Superfund Amendments and Reauthorization Act (SARA), requires ATSDR and the EPA to prepare a list, in order of priority, of substances that are most commonly found at facilities on the National Priorities List (NPL) and which are determined to pose the most significant potential threat to human health due to their known or suspected toxicity and potential for human exposure at these NPL sites. CERCLA also requires this list to be revised periodically to reflect additional information on hazardous substances. In CERCLA, it is called the priority list of hazardous substances that will be candidates for toxicological profiles.

This substance priority list is revised and published on a 2-year basis, with a yearly informal review and revision. (No list was published in 2009 while ATSDR transitioned to a new agency science database.) Each substance on the list is a candidate to become the subject of a toxicological profile prepared by ATSDR. The listing algorithm prioritizes substances based on frequency of occurrence at NPL sites, toxicity, and potential for human exposure to the substances found at NPL sites.

**It should be noted that this priority list is not a list of "most toxic" substances, but rather a prioritization of substances based on a combination of their frequency, toxicity, and potential for human exposure at NPL sites.**

Thus, it is possible for substances with low toxicity but high NPL frequency of occurrence and exposure to be on this priority list. The objective of this priority list is to rank substances across all NPL hazardous waste sites to provide guidance in selecting which substances will be the subject of toxicological profiles prepared by ATSDR.

**Where can I find more information on the Substance Priority List?**

Substantial additional information can be found on the [SPL Resource](#) page, including:

- Past Substance Priority Lists
- A Support Document describing the algorithm in detail
- A Full SPL Data spreadsheet with all supporting data for current and past lists, including candidate substances that did not make the top of the list

These and other documents can be found on the [SPL Resource](#) page.

**The ATSDR 2017 Substance Priority List**

2017 Rank	Substance Name	Total Points	CAS RN
1	ARSENIC	1674	7440-38-2
2	LEAD	1531	7439-92-1
3	MERCURY	1458	7429-97-6
4	VINYL CHLORIDE	1358	75-01-4
5	POLYCHLORINATED BIPHENYLS	1345	1336-36-3
6	BENZENE	1329	71-43-2
7	CADMIUM	1320	7440-43-9
8	BENZOCAPHTHENE	1306	50-32-8
9	POLYCYCLIC AROMATIC HYDROCARBONS	1279	130498-29-2
10	BENZO(B)FLUORANTHENE	1251	205-99-2
11	CHLOROFORM	1203	67-66-3
12	AROCLOR 1260	1191	11096-82-5
13	DDT, P,P'	1183	50-29-3
14	AROCLOR 1254	1172	11097-69-1
15	DIBENZO(A,H)ANTHRACENE	1156	53-70-3
16	TRICHLOROETHYLENE	1155	79-01-6
17	CHROMIUM, HEXAVALENT	1148	18540-29-9
18	DIELDRIN	1144	60-57-1

## Toxic Substances Portal

### Toxic Substances Portal

- Substances List
- Substances Resources
- Substances Map
- Health Effects of Exposure to Substances and Carcinogens**
- Chemical Classifications
- Community Members
- Emergency Responders
- Medical Education and Training
- Toxicological and Health Professionals

### Toxic Substances Portal

## Health Effects of Exposure to Substances and Carcinogens

An organ system is a structure that is found inside a human or animal. It is made of cells or tissues that perform a specific function. When exposed to a hazardous substance, the organ that the substance affects at the lowest dose is called the target organ. Development is the process in which an individual or animal matures until puberty. Click on a target organ system below to see an overview of the system and a list of substances that can harm it.



### Cancer Classification

- NTP: Known to be a Human Carcinogen
- NTP: Reasonably Anticipated to be a Human Carcinogen

### Effects of Toxic Substances on Organ Systems and their Development


- Cardiovascular (Heart and Blood Vessels)
- Dermal (Skin)
- Developmental (effects while organs are developing)
- Endocrine (Glands and Hormones)
- Gastrointestinal (Stomach and Intestines, part of the digestive system)
- Hematological (Blood Forming)
- Hepatic (Liver)
- Immunological (Immune System)
- Musculoskeletal (Muscles and Skeleton)
- **Neurological (Nervous System)**
- Ocular (Eyes)
- Renal (Urinary System or Kidneys)
- Reproductive (Producing Children)
- Respiratory (From the Nose to the Lungs)


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### Contact Us:

 Agency for Toxic Substances and Disease Registry  
4770 Buford Hwy NE  
Atlanta, GA 30341

 800-CDC-INFO  
(800-232-4636)  
TTY: (888) 232-6348

New Hours of Operation  
8am-8pm ET/Monday-Friday  
Closed Holidays  
Contact CDC-INFO

## Toxic Substances Portal

### Toxic Substance Portal

[Substances List](#)

[Substances Map](#)

[Substances Search](#)

[Health Effects of Exposure to Substances and Carcinogens](#)

**[Nervous System](#)**

[Chemical Classifications](#)

[Community Members](#)

[Emergency Responders](#)

[Medical Education and Training](#)

[Toxicological and Health Professionals](#)

[Toxic Substance Portal](#) > [Health Effects of Exposure to Substances and Carcinogens](#)

### Neurological (Nervous System)

The nervous system receives and sends signals throughout the body to control bodily functions. The nervous system consists of the central nervous system (brain and spinal cord) and peripheral nervous system (nerve fibers that attach to and lie outside the brain and spinal cord). The nervous system has two components, motor (efferent) and sensory (afferent), that carry information from and to, respectively, the central nervous system. The brain is the organ of thought, emotion, and processing of the various senses and communicates with and controls various other systems and functions. The nervous system also provides special senses such as sight, hearing, taste, feel, and smell. It uses the eyes, ears, tongue, skin, and nose to gather information about the body's environment.

Click on a substance to go to the health effects chapter in the toxicological profile. Then, search on any target organ system to find the health effects information on that system.



### Substances Listing

- HMX (Octogen)
- Hydraulic Fluids
- Hydrogen Sulfide Carbonyl Sulfide
- Ionizing Radiation
- Jet Fuels JP-4 and JP-7
- JP-5, JP-8, and Jet A
- Lead
- Malathion
- Manganese
- Mercury
- Mercury, Metallic
- Methoxychlor
- Methyl Mercaptan
- Methyl Parathion
- Methyl tert-Butyl Ether (MTBE)
- Methylene Chloride
- n-Hexane

- 1,1,1-Trichloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloropropane
- 1,3-Butadiene
- 2,4-Dichlorophenoxyacetic Acid (2,4-D)
- 2-Hexanone
- Acetone
- Acrylamide
- Acrylonitrile
- Aldrin/Dieldrin
- Aluminum
- Americium

- Naphthalene, 1-Methylnaphthalene,
- Otto Fuel II and its Components
- Polychlorinated Biphenyls (PCBs)
- Pyrethrins and Pyrethroids
- Pyridine
- RDX (Cyclonite)
- Stoddard Solvent
- Styrene
- Tetrachloroethylene (PERC)
- Tetryl
- Thallium
- Tin and Compounds
- Toluene
- Trichloroethylene (TCE)
- Used Mineral-based Crankcase Oil
- Xylenes

- Arsenic
- Benzene
- Benzidine
- Bis(chloromethyl) Ether
- Bromoform & Dibromochloromethane
- Bromomethane
- Cadmium
- Carbon Disulfide
- Carbon Monoxide
- Carbon Tetrachloride
- Chlordane
- Chlordecone
- Chlorfenvinphos
- Chlorine Dioxide & Chlorite
- Chlorobenzene
- Chloroform
- Chloromethane
- Chlorpyrifos
- Cresols
- Cyanide
- DDT, DDE, DDD
- DEET (N,N-diethyl-meta-toluamide)
- Diazinon
- Dichlorvos
- Dinitroresols
- Dinitrotoluenes
- Disulfoton
- Endosulfan
- Endrin (Endrin aldehyde)
- Ethion
- Ethylbenzene
- Ethylene Oxide
- Fuel Oils / Kerosene
- Gasoline, Automotive
- Heptachlor/Heptachlor Epoxide
- Hexachlorocyclohexane (HCH)
- Hexachloroethane
- HMX (Octogen)



## Toxic Substances Portal

### Toxic Substances Portal

- Substances List
- Substances Resources
- Substances Map
- Health Effects of Exposure to Substances and Carcinogens**
- Chemical Classifications
- Community Members
- Emergency Responders
- Medical Education and Training
- Toxicological and Health Professionals

### Toxic Substances Portal

## Health Effects of Exposure to Substances and Carcinogens

An organ system is a structure that is found inside a human or animal. It is made of cells or tissues that perform a specific function. When exposed to a hazardous substance, the organ that the substance affects at the lowest dose is called the target organ. Development is the process in which an individual or animal matures until puberty. Click on a target organ system below to see an overview of the system and a list of substances that can harm it.



### Cancer Classification

- **NTP: Known to be a Human Carcinogen**
- NTP: Reasonably Anticipated to be a Human Carcinogen

### Effects of Toxic Substances on Organ Systems and their Development


- Cardiovascular (Heart and Blood Vessels)
- Dermal (Skin)
- Developmental (effects while organs are developing)
- Endocrine (Glands and Hormones)
- Gastrointestinal (Stomach and Intestines, part of the digestive system)
- Hematological (Blood Forming)
- Hepatic (Liver)
- Immunological (Immune System)
- Musculoskeletal (Muscles and Skeleton)
- Neurological (Nervous System)
- Ocular (Eyes)
- Renal (Urinary System or Kidneys)
- Reproductive (Producing Children)
- Respiratory (From the Nose to the Lungs)


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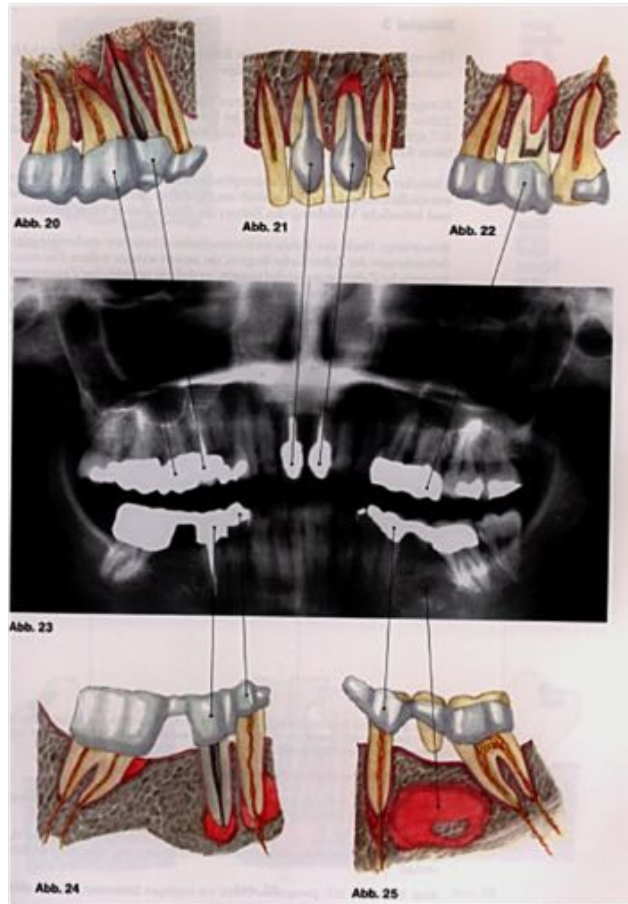
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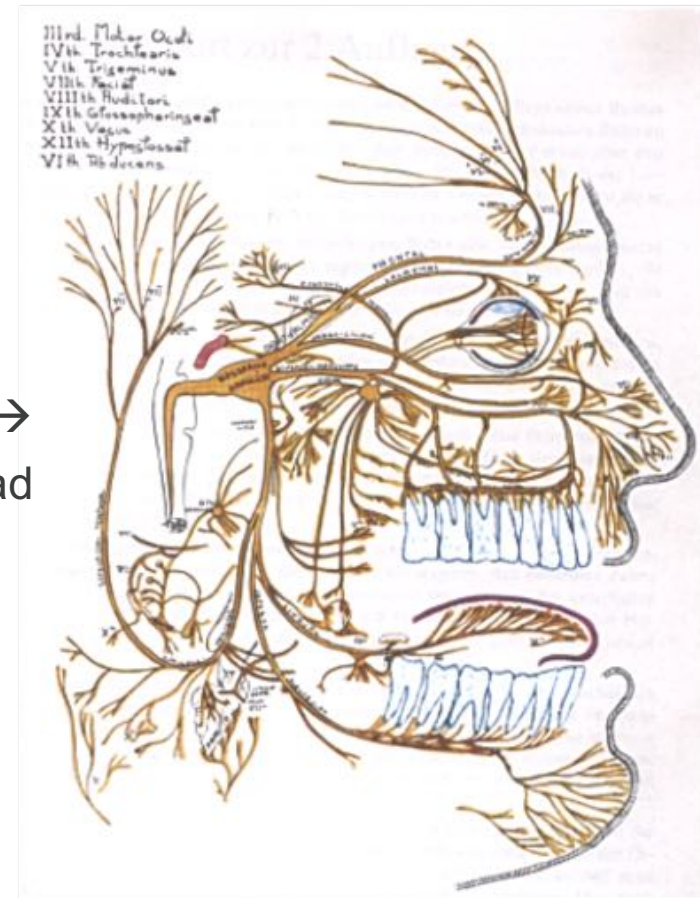
# Dental Field of Disturbance



← Dental Foci



Systemic Spread



**Dental Metals**

**Periodontitis**

**Jaw Cavitations**

**Root Canal Treated Teeth/Dead Teeth**

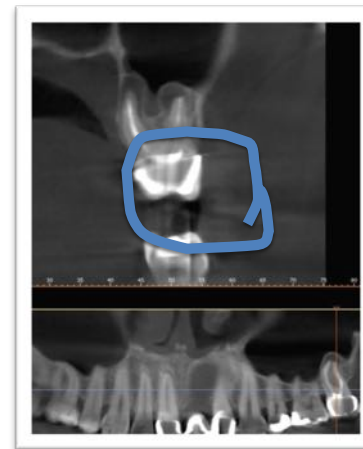
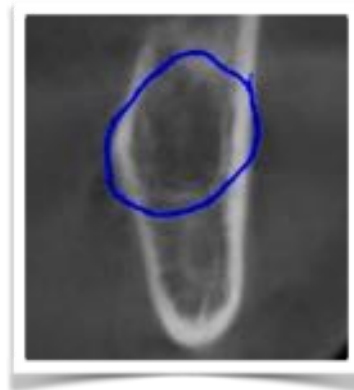


**54 year old patient:** Lyme's disease, MS, inflammatory bowel syndrome (IBS)

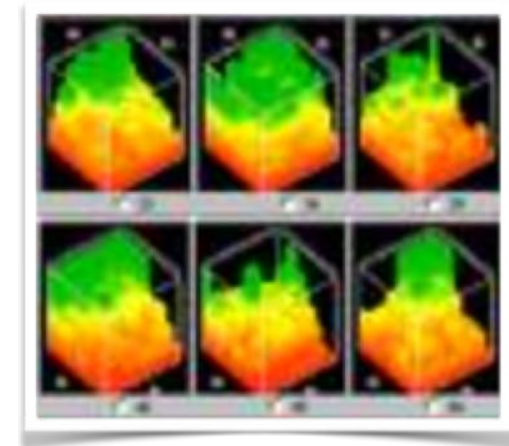
## OPG/CBCT / Cavitat ( Degree of inflammation)



OPG (78)



better DVT  
(3D scan) (79)



CAVITAT scan (computer based ultrasonic device, evidence based, FDA approved) (80)

- > **no changes**
- > **osteonecrotic areas**
- > **cavities**

Reference: 78) **Lechner J et al.**, Validation of dental X-ray by cytokine RANTES - comparison of X-ray findings with cytokine overexpression in jawbone. Clin Cosmet Investig Dent. 2014 Aug 21;6:71-9.

79) **De Paula-Silva FW et al.**, Accuracy of periapical radiography and cone-beam computed tomography scans in diagnosing apical periodontitis using histopathological findings as a gold standard, J Endod. 2009 Jul;35(7):1009-12 80)

**Shankland WE et al.**, Focal osteoporotic marrow defect: report of 100 new cases with ultrasonography scans. Cranio. 2004 Oct;22(4):314-9.

## Cytokines

(Degree of inflammation)

medical report

patient	Diagnose	date of birth	Institut für Zahnärztliche Diagnostik Niedelstraße 22, 12247 Berlin (Germany) Tel. 030 770 01-230 Fax: 030 770 01-238
0226872593		18.09.1974	
15.09.2014	18.09.2014		

Reactivity mercaptans/thioether

	Result	Unit	Ref. Range
IFN-γ stimulated	15.8	pg/ml	<0.2
IL-10 stimulated	<10	pg/ml	<10

The immunological results reveal a Th1-dominant cytokine response to the protein decay products mercaptans and thioether.  
With corresponding clinical symptoms this result indicates a local or systemic inflammation which is sustained with exposure.

Cytokine RCT (73)

medical report

patient	Diagnose	date of birth	Institut für Zahnärztliche Diagnostik Niedelstraße 22, 12247 Berlin (Germany) Tel. 030 770 01-230 Fax: 030 770 01-238
0226872593		12.04.1967	
04.09.2014	11.09.2014		

Test: Genetics of Inflammation  
Profile for degree of inflammation: IL-1A, IL-1B, IL-1RN und TNF-A

Result: The verified genetic constellations indicate:

Genotype-associated cytokine secretion

	Pro-Inflammation	Anti-Inflammation
IL-1	increased	normal
TNF-α	increased	normal
IL-6	normal	lowered
IL-1RN	normal	lowered
IL-10	normal	lowered

Interpretation:  
The verified genotypic constellation is associated with an increased production of the pro-inflammatory cytokines IL-1 and TNF-α while at the same time there is a reduction in the anti-inflammatory IL-1 receptor antagonist. In the presence of an inflammatory stimulus, this predisposes a person to greatly elevated inflammatory activity (GRADE 4).  
On the basis of the polymorphisms tested, for chronic or aggressive types of periodontitis there is a  
greatly increased genetic predisposition.  
In light of this result, anti-inflammatory measures should also be considered where applicable if there is an existing predisposition to excessive inflammatory pathogenesis.

Cytokine Secretion (74)

PARACELSUS CLINIC

Unilabs

Paracelsus Klinik Luthville  
Bismarckstrasse 17  
12053 Luthville / Berlin  
Tel. +49 30 335 71 70  
Fax +49 30 335 71 78

Herr Wüst Alain  
04.03.1994 (M)  
Niederlöhnerweg 17  
8702 Zollikon

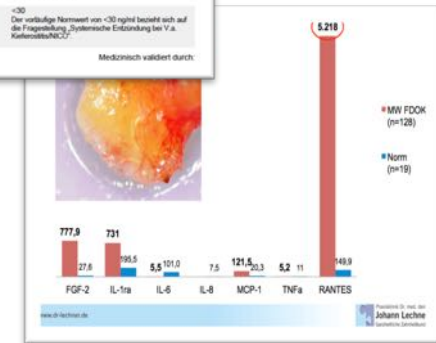
Herr Dr. med.  
Ralf Cvetkewitz  
Paracelsus-Klinik  
Postfach 162  
9053 Teufeln AR

Auftragsnummer: 1306870092  
KID-Nummer/Pat. Nr.: 73411  
Erstnummer: 03.10.2016 07:42  
Auftragseingang: 03.10.2016 14:17  
Auftragsabgang: 10.10.2016 18:18

Analyse	Ergebnis	Einheit	Referenzbereich
Immunologie Diverse	H 46.1	ng/ml	<30

Die vorläufige Normwert von <30 ng/ml bezieht sich auf die Fragestellung: Systemische Entzündung bei V.a. Kieferabszess/NCZ.

Medizinisch validiert durch:



Cytokine RANTES  
(75,76,77)

Reference: 73) **Jacobi Gresser E et al.**, J Biol Regul Homeost Agents. 2015 Jan-Mar;29(1):73-84. Methyl mercaptan and hydrogen sulfide products stimulate proinflammatory cytokines in patients with necrotic pulp tissue and endodontically treated teeth. 74) **Battharai G et al.**, PPARγ delivered by Ch-GNPs onto titanium surfaces inhibits implant-induced inflammation and induces bone mineralization of MC-3T3E1 osteoblast-like cells. Clin Implants Res. 2013 Oct;24(10):1101-9. 75) **Lechner J et al.**, Chemokine RANTES/CCL5 as an unknown link between wound healing in the jawbone and systemic disease: is prediction and tailored treatments in the horizon? EPMA J. 2015 May 6;6(1):10. + 76) **Peripheral Neuropathic Facial/Trigeminal Pain and RANTES/CCL5 in Jawbone Cavitation.** Evid Based Complement Alternat Med. 2015;2015:582520. + 77) **Hyperactivated Signaling Pathways of Chemokine RANTES/CCL5 in Osteopathies of Jawbone in Breast Cancer Patients-Case Report and Research.** Breast Cancer (Auckl). 2014 May 21;8:89-96.



## Important differences of the valancy



Nutrition changed dramatically since 1950

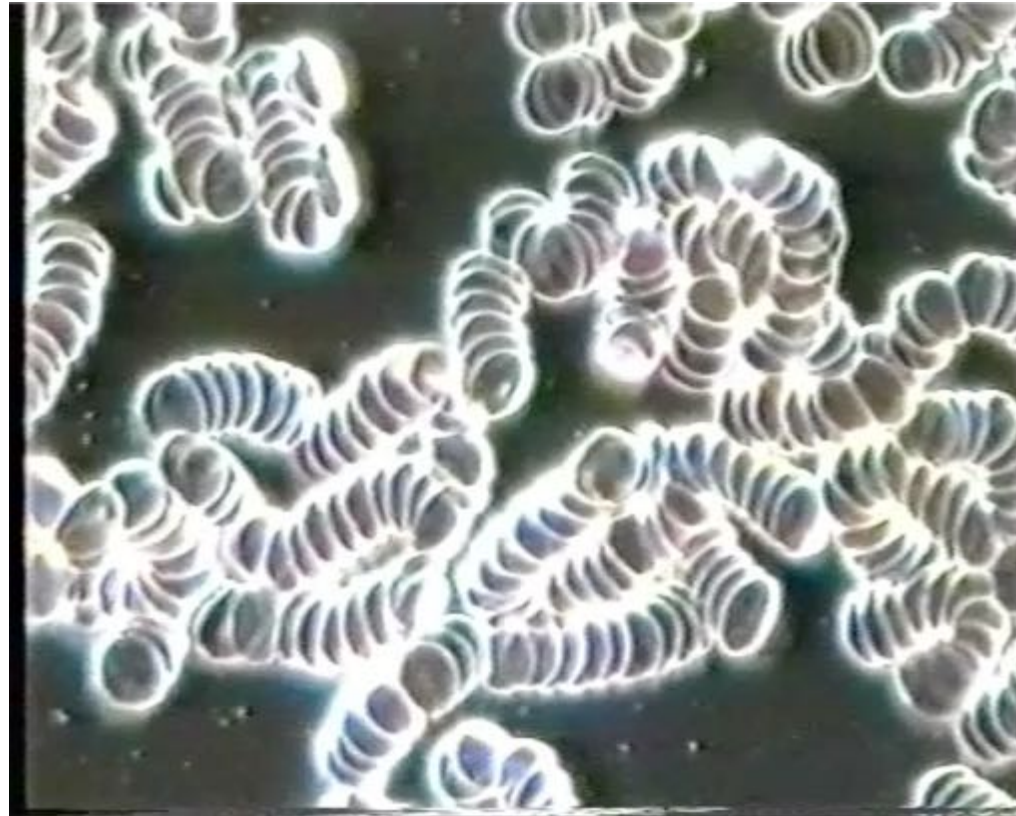
### Quality assessment of various kinds of food

**Living food** – natural content of nutrients, a lot of energy

**Industrial food** – unnatural composition, chemical additives, reduced nutrients and energy

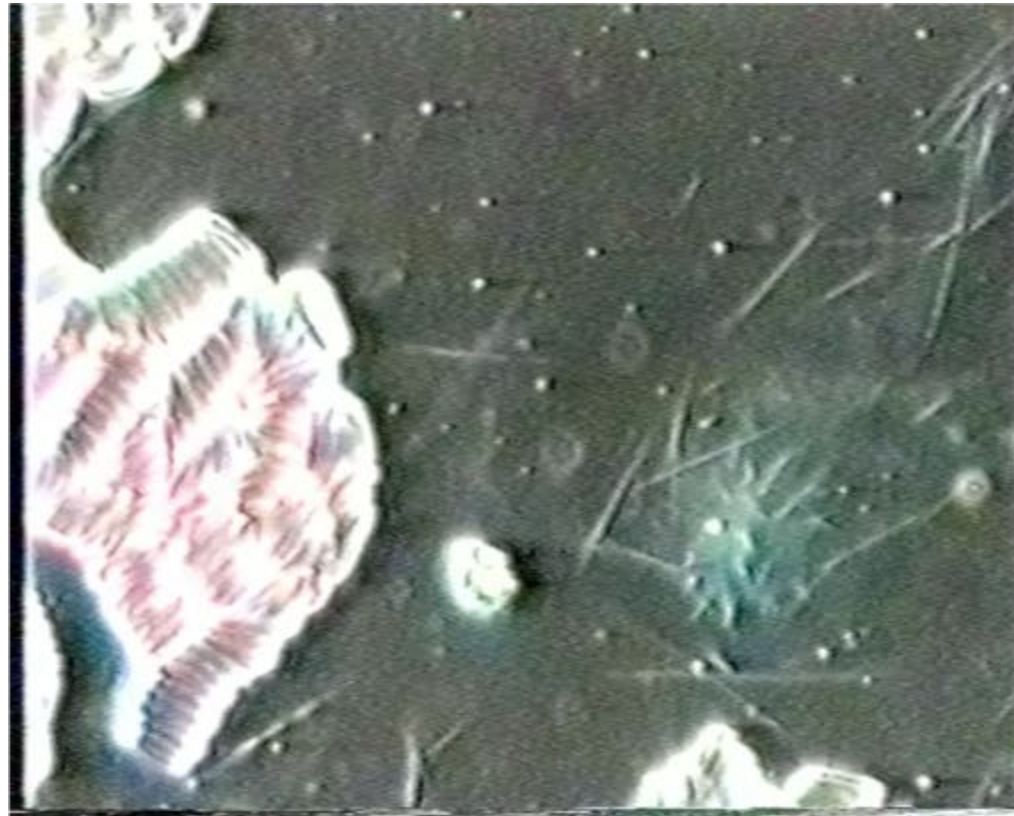
**Semiluxury food** – loss of nutrients, hurtful over time, energy robber

## Too much Acids and oxidative Stress



**rouleaux  
phenomenon**  
dark field micros-  
copy, x 500

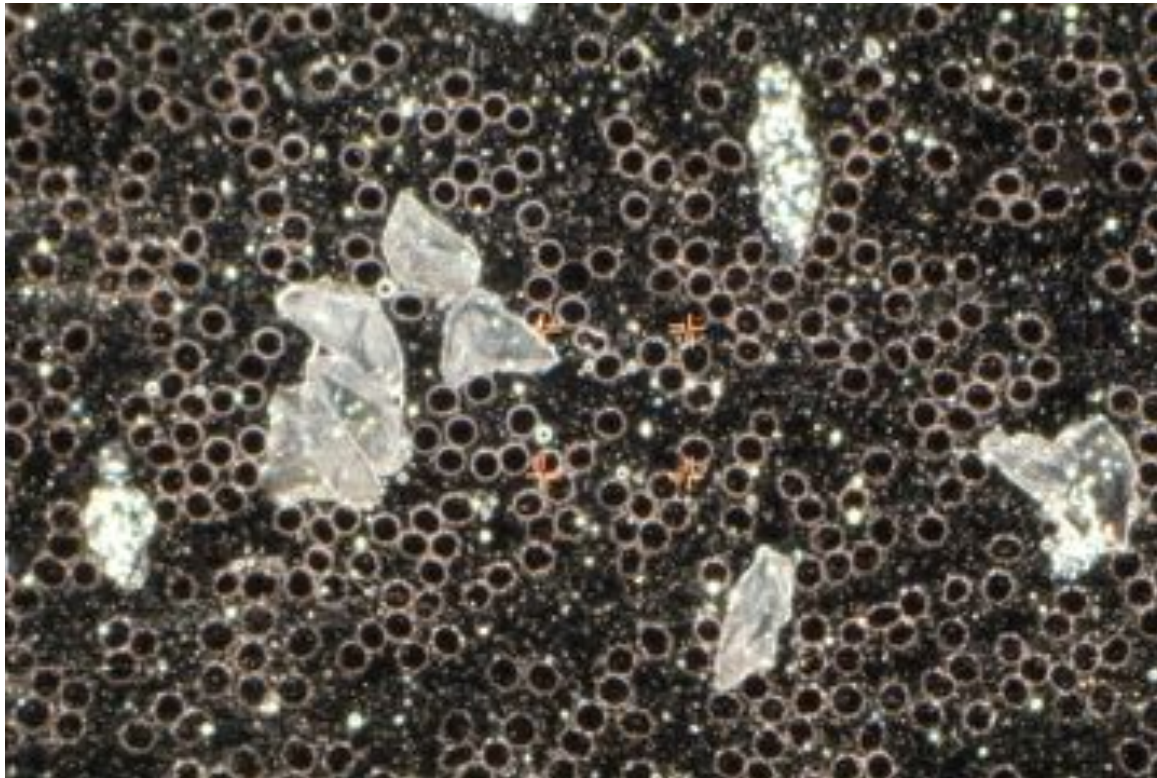
## Too much, non-degraded Protein



**extreme rouleaux  
phenomenon,  
agglutination**

dark field micros-  
copy, x 500





**21 years old woman**, suffering from chronic fatigue and severe constipation, dark field micro-copy, x 250

**Allergens IgG  
Allergoscreen Special IgG4**

**Ei**

egg IgG4 (egg white, egg yolk)	▲ >100.00	kU/l	(<0.70)			♦
-----------------------------------	-----------	------	---------	--	---	---

**milk products**

casein IgG4	▲ 24.06	kU/l	(<0.70)			♦
milk protein (cow) IgG4	▲ 32.23	kU/l	(<0.70)			♦

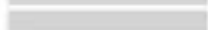
**Obst**

banana IgG4	▲ 1.42	kU/l	(<0.70)			♦
-------------	--------	------	---------	--	---	---


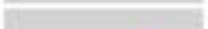





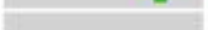

**Hülsenfrüchte**

soy bean IgG4	0.38	kU/l	(<0.70)			
---------------	------	------	---------	--	---	--

**Nüsse und Ölsaaten**

hazelnut IgG4	▲ 21.95	kU/l	(<0.70)			♦
almond IgG4	▲ 14.05	kU/l	(<0.70)			♦

**Cerealien/Mehle**

spelt IgG4	▲ 49.90	kU/l	(<0.70)			♦
oatmeal IgG4	▲ 13.78	kU/l	(<0.70)			♦
millet flour IgG4	0.48	kU/l	(<0.70)			
rye IgG4	▲ 20.63	kU/l	(<0.70)			♦
Quinoa, IgG4	▲ 0.96	kU/l	(<0.70)			♦
corn flour IgG4	0.62	kU/l	(<0.70)			
rice flour IgG4	0.55	kU/l	(<0.70)			
wheat IgG4	▲ 16.78	kU/l	(<0.70)			♦
baker's yeast IgG4	0.41	kU/l	(<0.70)			



# Intestinal Check: micro-ecological stool analysis

Intestinal Screen			
water content	▼ 72	g/100g	(75-85)
pancreatic elastase	▼ 191	µg/g	(>200)
calprotectin	▲ 126.4	mg/kg	(<50.0)
proteins	▲ 1.3	g/100g	(<1.0)
starch	9.1	g/100g	(9.0-13.0)
sugar content	1.7	g/100g	(<2.5)
Intestinal flora			
pH	▲ 7.0		(5.5-6.5)
α-1-antitrypsin	▲ 39.7	U/ml	(<27.5)
bile acids	negative		
fatty acids	▲ 4.3	g/100g	(<3.5)
secretory IgA	▼ <278	µg/ml	(510-2040)
eosinophil protein X	122	µg/l	(<360)
aerobic bacteria			
E. coli	▲ 5e+08		(1e+06-9e+07)
Proteus sp.	<1e+04		(<1e+04)
Klebsiella sp.	<1e+04		(<1e+04)
Enterobacter sp.	<1e+04		(<1e+04)
Hafnia alveii	<1e+04		(<1e+04)
Serratia sp.	<1e+04		(<1e+04)
Providencia sp.	<1e+04		(<1e+04)
Morganella morganii	<1e+04		(<1e+04)
Kluyvera sp.	<1e+04		(<1e+04)
Citrobacter sp.	<1e+04		(<1e+04)
Pseudomonas sp.	<1e+04		(<1e+04)
Enterococcus sp.	▼ <1e+04		(1e+06-9e+07)
anaerobic bacteria			
Bacteroides sp.	▼ <1e+08		(1e+09-9e+11)
Bifidobacterium sp.	2e+09		(1e+09-9e+11)
Lactobacillus sp.	1e+05		(1e+05-9e+07)
Clostridium sp.	▲ 1e+07		(<1e+06)

Leaky gut

too much protein

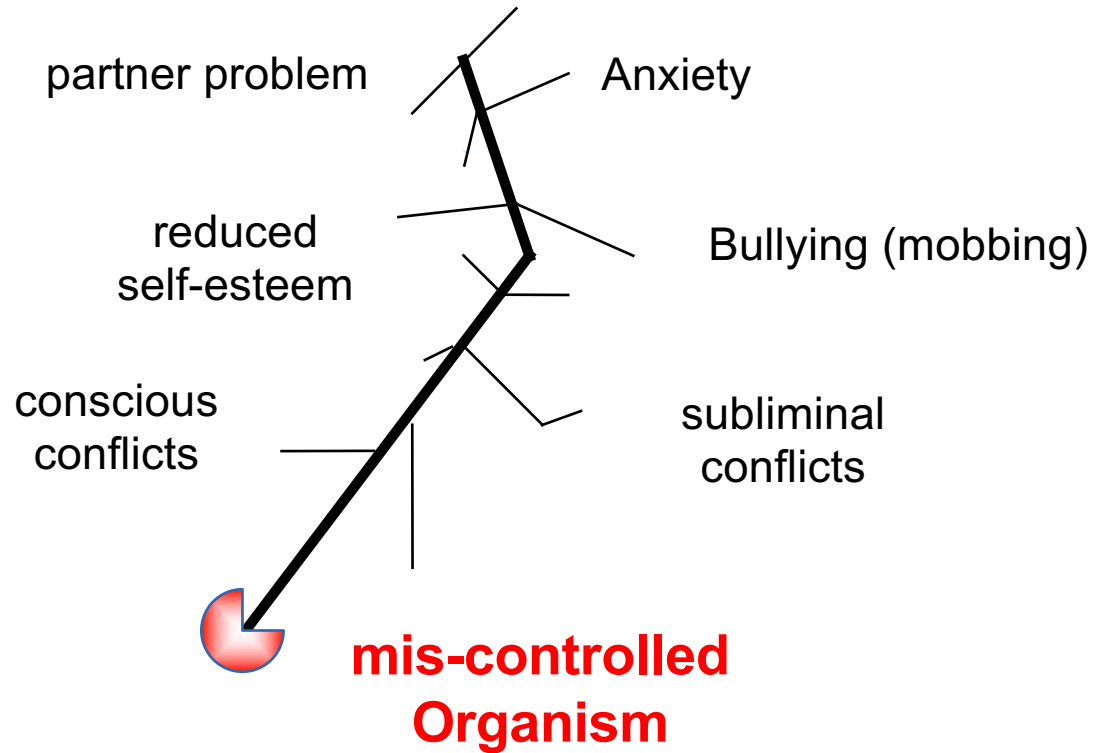
Increased pH

Rotting bacteria

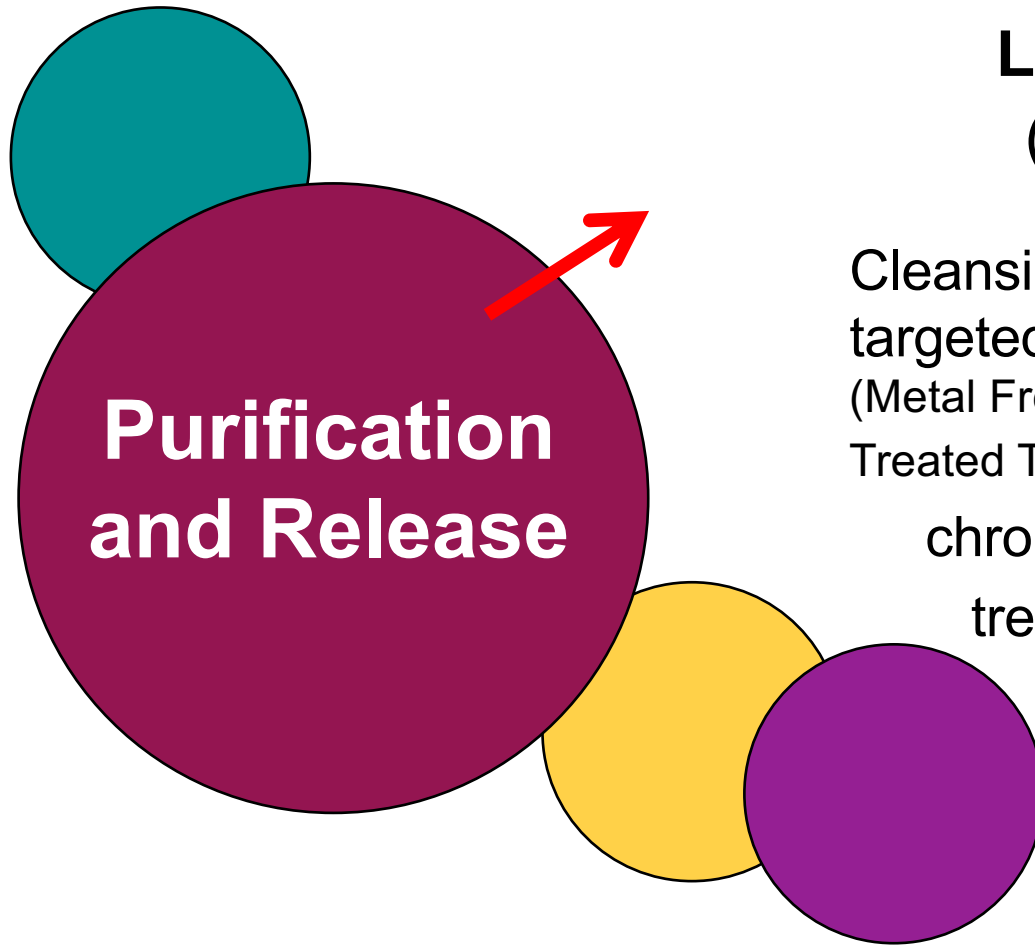
protective  
flora



excessive  
negative  
stress leads to  
crash of the  
BIO-computer



after R. Melzer



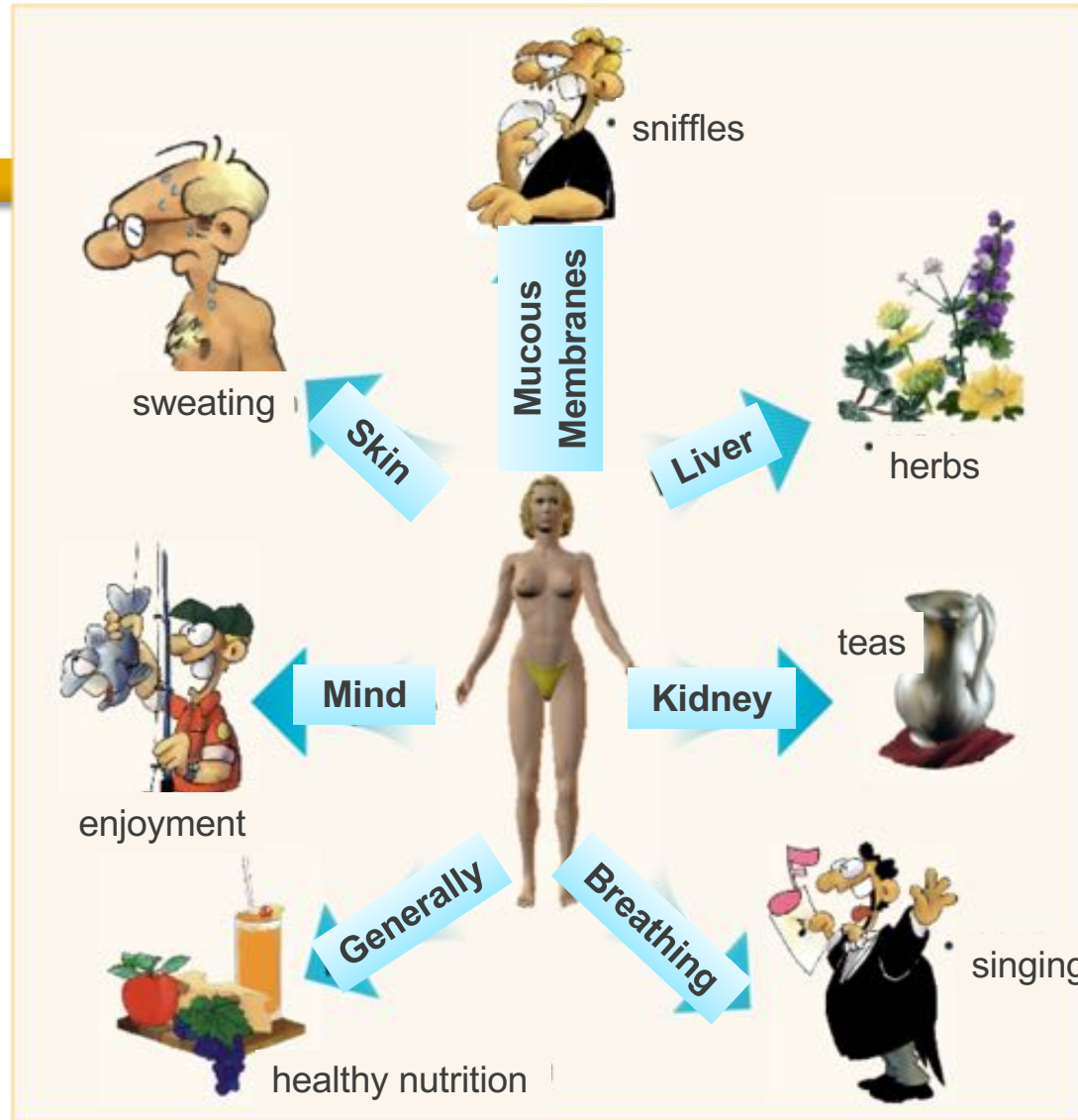
## **Let loose all inner waste** (of body, mind and soul)

Cleansing of inner organs and intestines, targeted detoxification and tooth sanitation (Metal Free Restoration, Removal of Root Canal Treated Teeth & Jaw Cavitations), removal of chronic inflammations, holistic pain treatment, BIO-IN<sup>2</sup> neural therapy, psycho-mental detox and emotional relief ...

- **Testing of toxic load and intestinal situation** (dark field microscopy, stool analysis, DMPS mobilization test, Oligoscan, hair multielemental analysis)
- **General Detox Measures**
- **Specific Removal and Detox Techniques**
  - Liver cleansing, fasting, diet, colonics
  - Detox with biological remedies (plants, homotoxicologics, homeopathic remedies, Spagyric, anthroposophic and isopathic remedies)
  - Whole body hyperthermia, Sauna, IR-cabine
- **„psycho-mental detox“ and Selfcare**



# Detoxification



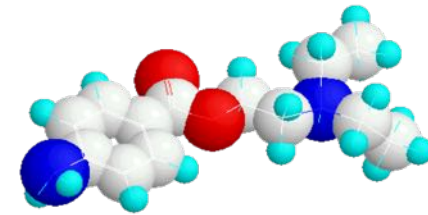
Simple ways of elimination and detoxification

- Algae (Chlorella, 3x3-6)
- Antioxidants (Vitamin C 1-2g, Zinc 15-30 mg, 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, Actovomin, Regulat Niemeyer, Paracelsus diet)
- Chelation (Dimaval caps., Pleo-Chelate drops)
- Specific nervous system detox with Coriandrum and Allium ursinum

# BIO-IN<sup>2</sup> Neural Therapy



Words have the power to heal.



**natural | njectables** + **healing | nformation** + **neural therapy**  
(Procaine)

# PROCAINE

**The „Polycrest“ of Anesthetics or  
the royal  
Remedy ...**



Prof. Aslan, 1954



## Overview of the most important pharmacological and clinical features

- Poor of side effects
- Low half life period
- Low toxicity
- Local anesthesia
- Endo anesthesia
- sympathico-lytic
- vascular Dilatation
- Broncho-spasmolytic
- Increase of coronary perfusion
- negative inotrop and anti-arrhythmic
- Anti-inflammatory
- Anti-rheumatic
- Anti-cancerous
- Vitalization



Acceptance

Neural Therapy  
Pain Therapy  
RR - Regulation  
Lung Function

Heart function  
autoimmune  
Diseases, pcP,  
Tumor Therapy  
Well-Aging

- **Homeopathic Remedies** (single remedies, Homaccords, Injeels)
- **Homeopathic Komplexes** (e.g. HEEL, PASCOE, PFLÜGER)
- **Anthroposophic Remedies** (e.g. WALA, WELEDA)
- **Isopathic Remedies, organic Acids, Immuno therapeutics, Haptens** (e.g. Sanum-Kehlbeck)
- **Phytotherapeutics**
- **Organ-Cell-Extracts** (Organopeptides)
- **Orthomoleculars** (e.g. Selenium, DMPS)

- Bladder 23 (mainpoint 1)
  - 1,5 fingerbreadth beside lower margin processus spinosus L2
  - Action on adrenal gland, Hypophysis, bone
  - Anabolic point
- Important additives:
  - Gl. Suprarenalis (Injeel, WALA)
  - Hypophysis suis
  - Latensin (Bac. cereus) D6
  - Ubichinon comp.
  - ev. Deca Durabolin

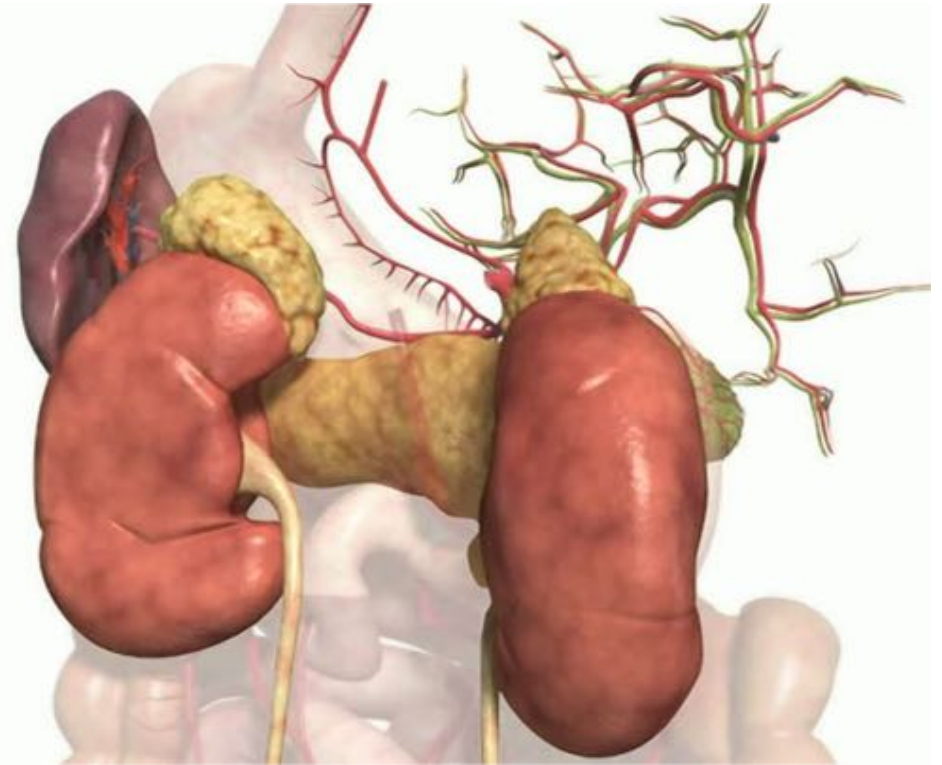
**Chronic  
fatigue,  
Burnout,  
Cancer,  
general  
Chronicity**



-  
**Stimulation  
of adrenal  
gland and  
kidneys**



- Healing Affirmation (with closed eyes)
  - *"With the stimulation of blood and lymph flow, all blockages and healing obstacles in this region are eradicated. The now improved kidney and adrenal function is soothing and energetically stimulating. The stress management is now significantly better"*
  - *Simultaneously with the stimulation of blood and lymphatic flow, all blockages and obstacles to healing as well as emotional traumas in the kidney area are removed. In particular, content that has something to do with insecurity, existential anxiety, congestion, and stress that have "gone to the kidneys" has a meaning. (often in cancer patients)*
  - Belongs to the third chakra (**Sustenance**)





## ! Interdisciplinary work between Doctor and Dentist !



Rubberdam & clean up suctioner



Oxygen



Na -Selenite



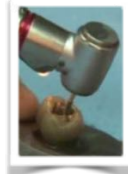
Solidago



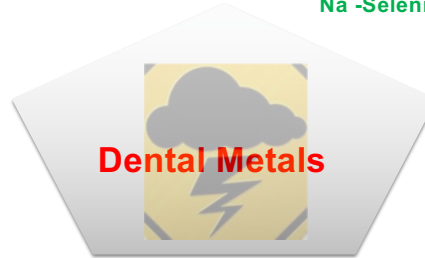
Na - Thiosulfate



Cilantro



Pear shaped rough diamond, water, low rpm (15-20)



**Dental Metals**



Protective gear



Holistic Detox and/or Build Up Infusions with Vitamins, Minerals and antioxidants, chelating agents for any dental intervention



Chlorella



Suctioning device



„Metall Free“ - Ceramics



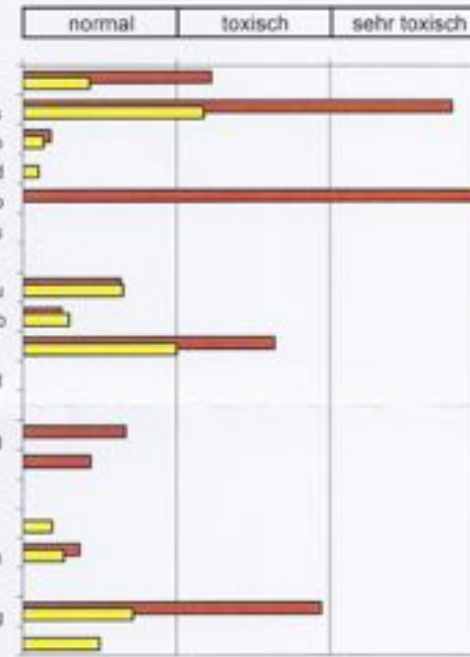
DMPS - Chelation Therapy

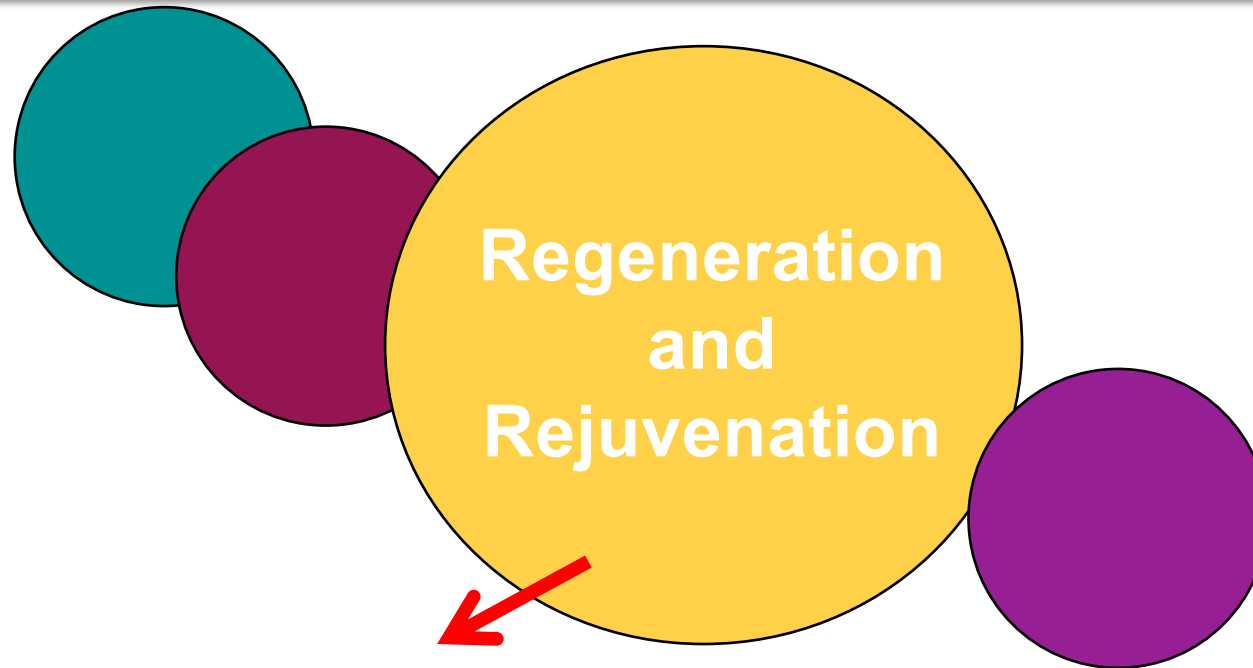
**Nachuntersuchung-B > Verlaufstabelle A+B <:** Analyse A Urin-2 und Analyse B Urin-2 nach DMPS i.v. Mobilisation

Durch den Bezug auf die Kreatinin-Konzentration werden Diureseeffekte berücksichtigt. Daraus ergibt sich eine eindeutigere Beurteilung der Analysenergebnisse

Kreatinin g/Liter	Referenzbereich	Analyse A	Analyse B
Kreatinin ♂	0,40 bis 2,60	0,33 g/l	0,65 g/l

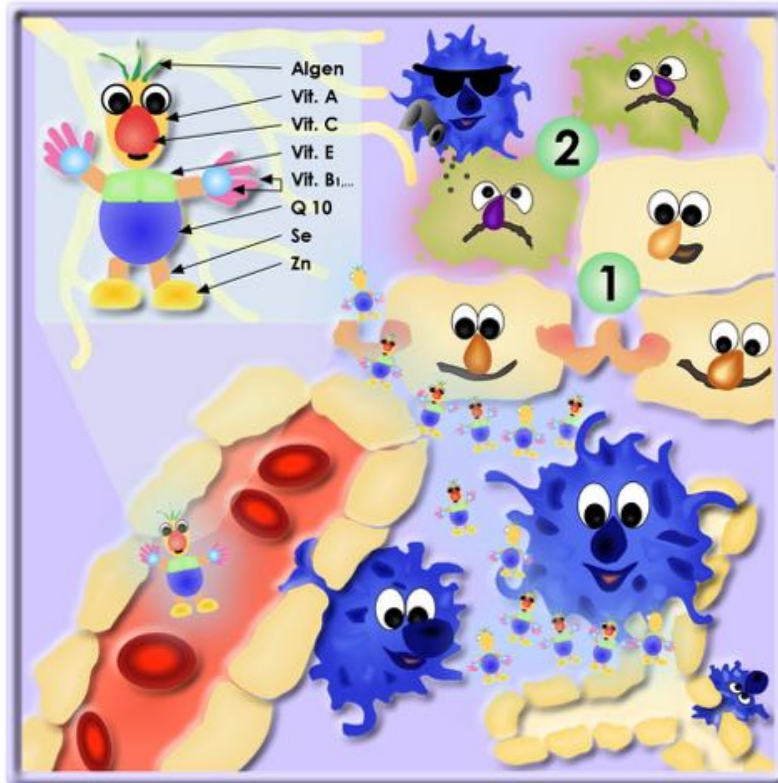
Toxische Elemente	Referenzbereich	Analyse A	Analyse B
Aluminium (Al)	< 20	24,50	8,60
Arsen (As)	< 38	106,10 *	44,60 *
Blei (Pb)	< 150	26,70	19,80
Cadmium (Cd)	< 5	u.v.Ng.	0,50
Cobalt (Co)	< 1	4,50	u.v.Ng.
Gold (Au)	< 0,6	u.v.Ng.	u.v.Ng.
Indium (In)	< 0,2	u.v.Ng.	u.v.Ng.
Kupfer (Cu)	< 1700	1082,00	1106,00
Molybdän (Mo)	< 180	44,80	53,70
Nickel (Ni)	< 2,2	3,60 *	2,20
Palladium (Pd)	< 0,042	u.v.Ng.	u.v.Ng.
Platin (Pt)	< 1	u.v.Ng.	u.v.Ng.
Silber (Ag)	< 0,9	0,60	u.v.Ng.
Strontium (Sr)	< 444	194,00	n.a.
Thallium (Tl)	< 0,7	u.v.Ng.	u.v.Ng.
Bismut (Bi)	< 1,8	u.v.Ng.	0,30
Zinn (Sn)	< 15	5,50	4,00
Zirkonium (Zr)	< 2	u.v.Ng.	u.v.Ng.
Quecksilber (Hg)	< 50	97,00 *	35,80
Kumulative TOX	< 2560,24	1589,30	1275,50





## **Biostimulation and –regulation by the use of natural remedies and methods**

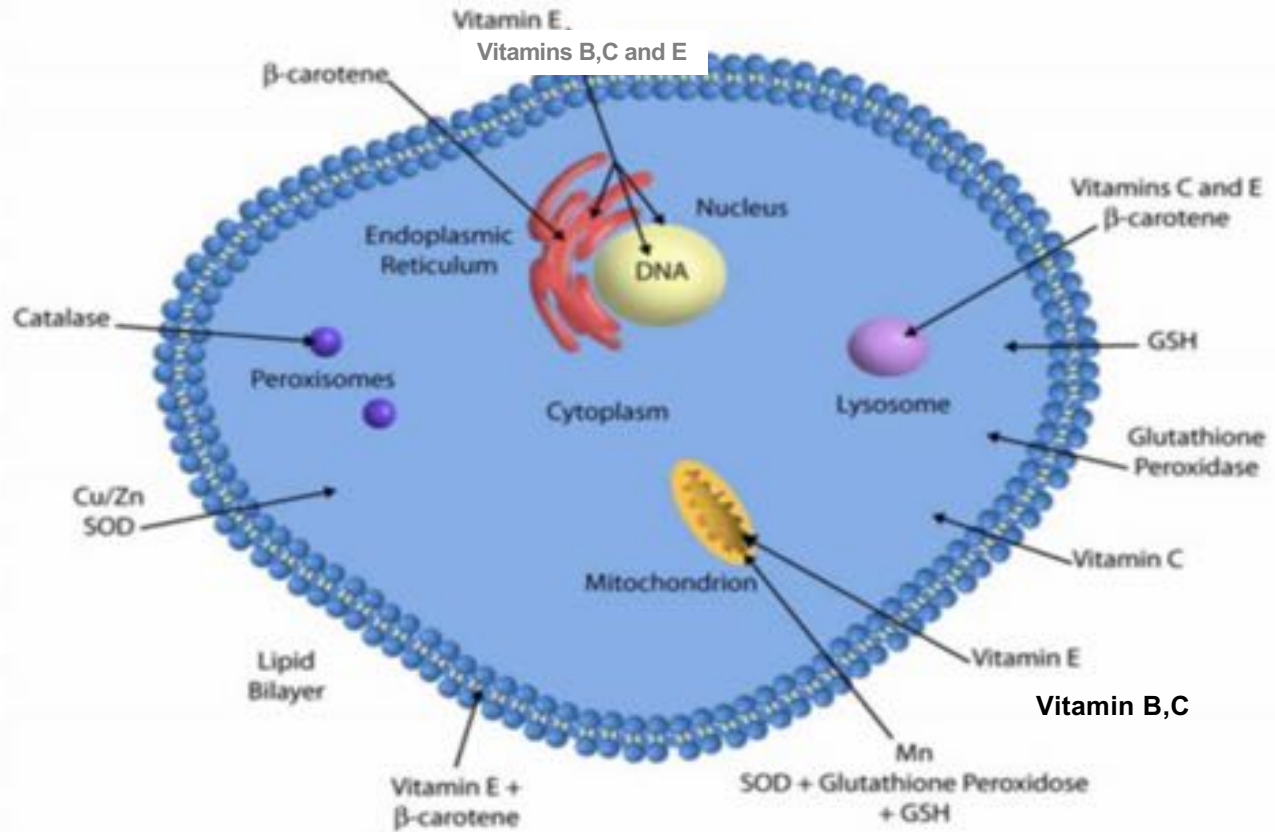
Intestinal Health by Pre- and Probiotics, Homeopathy, Isopathy, Spagyrics, Supplementation, Phytotherapy, Organ-cell-extracts, Hyperthermia, physical Treatments, bioidentical Hormons, BIO-IN<sup>2</sup> Injection Therapy, proper function of bite and mastication



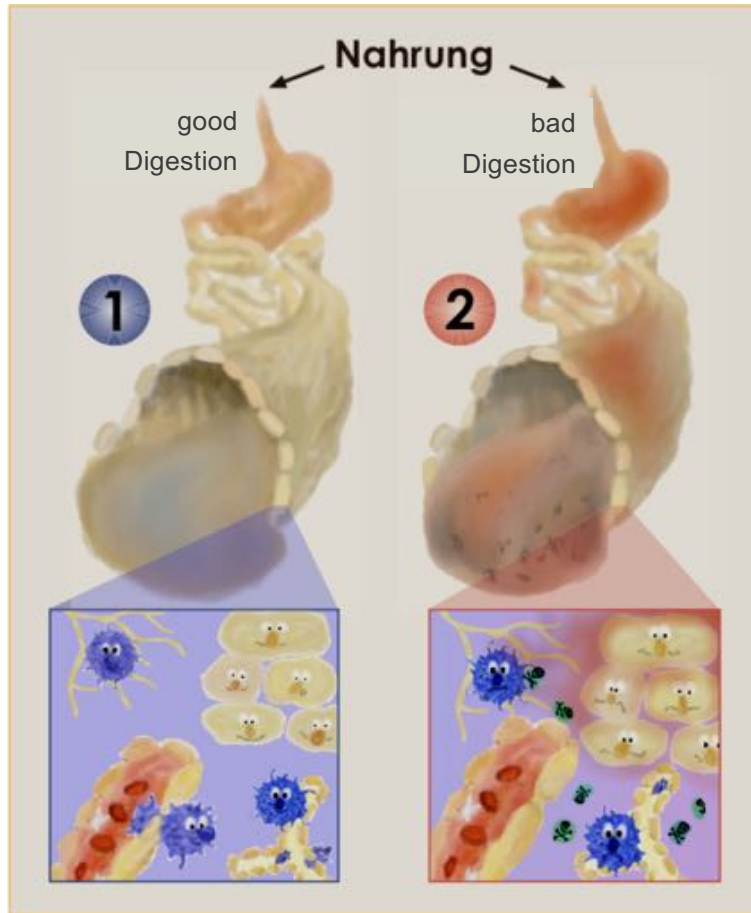
## Very important are:

- **Vitamin C**
- **Essential Amino Acids)**
- **Magnesium and Potassium**
- **Glutathion**
- **Zinc and Selenium**
- **Un-saturated Fatty Acids**
- **Probiotics**

# Anti-Aging / Regeneration / Rejuvenation







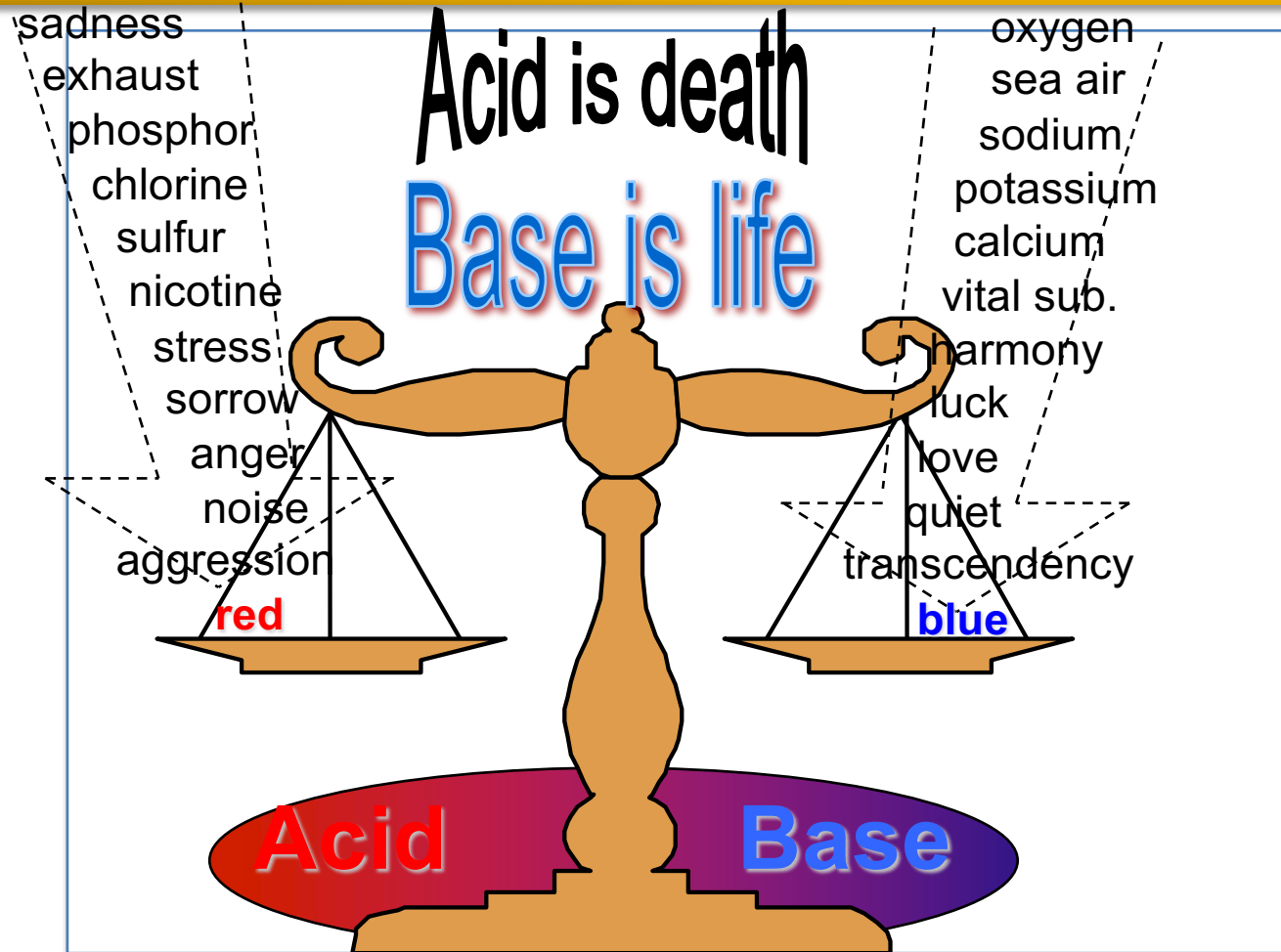
The Formula for healthy Nutrition:

**Nutrition = Power of  
Digestion + Food**

## Nutrition and Utilization of Food

1. „nutrient solution“ is derived from food
2. „disturbing solution“ is derived from food

- **Food and nutrition**
  - From organic sources
  - Avoid carbohydrates (glycaemic index (GI)) and gluten containing products
  - Rich in alkaline elements (K and Mg – the cellular soft maker)
  - Reduction of sodium intake (sodium makes the cell wall stiff, disturbances membrane potential, pro cancerogenic)
- **Protein restriction** (red meat, cow's milk & –products, egg white)
- **Probiotic bacteria**
  - Lactobacillus, E. coli biovare, Bifidobac., Bacteroides, Enterococcus
- **Lactic acid drinks and enzymatic drinks**
  - Sauerkraut juice
  - Cider & lemon vinegar, Kefir, Sour cream, BIO-Yoghurt
  - Vita-Biosa, Rechtsregulat, Regulate
- **Fruits and Smoothies** ( low GI-like Raspberry, Blueberry, Green Leaves)

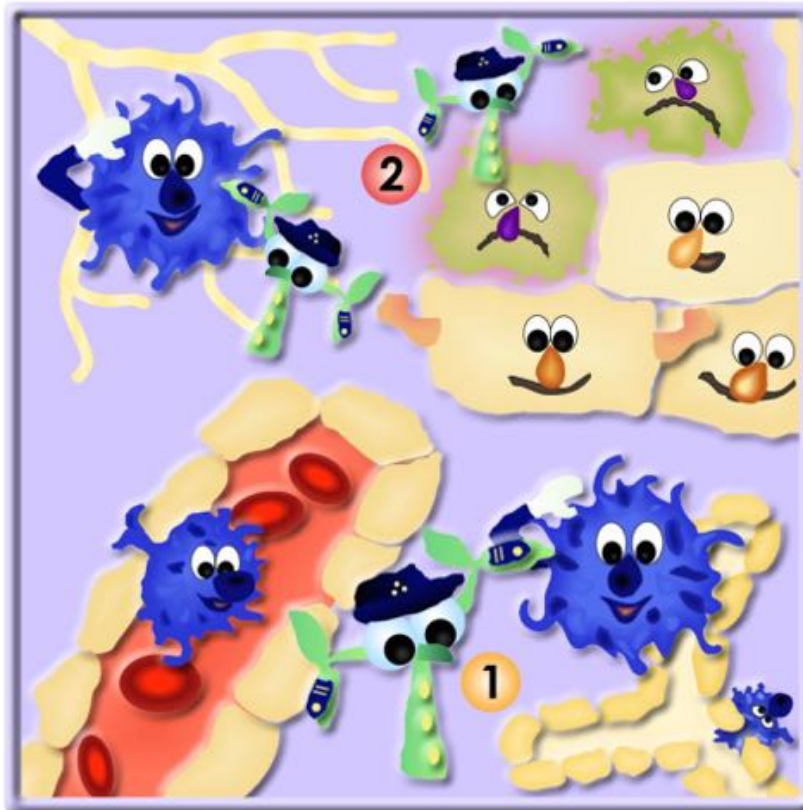


after Dr. Beck



## Specific Stimulation

- high-dosed Vitamin C and Selenium
  - Curcuma, green tea extract
    - Mistletoe
  - Thymus- and Organopeptides
- Hyperthermia and active fever therapy
  - Specific plant remedies

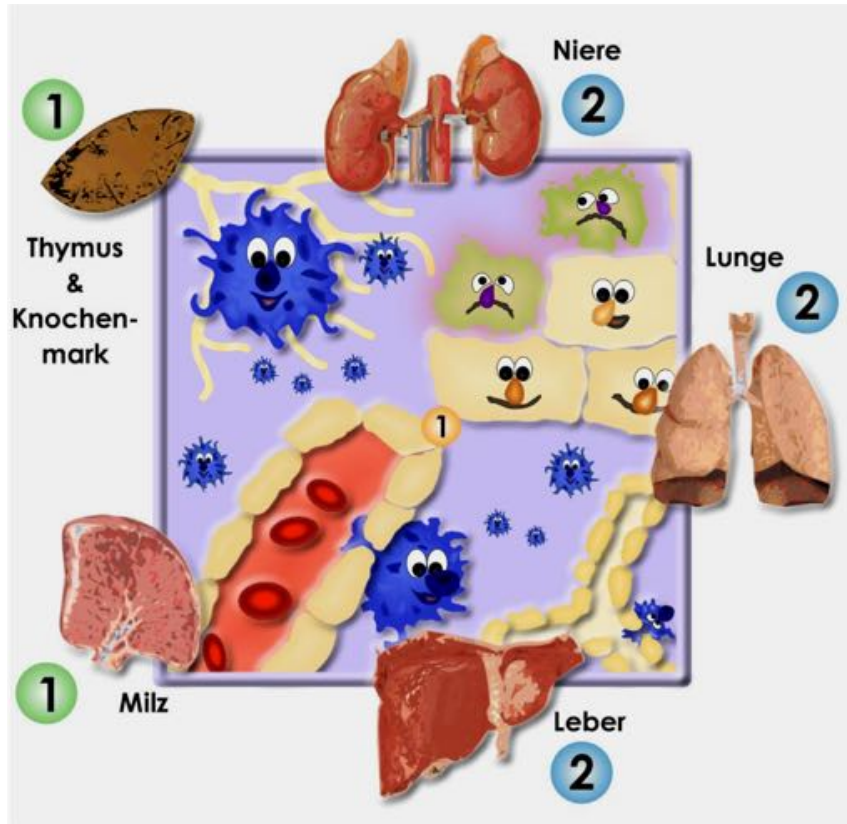


## Mistel activates the defence

- 1 – mistletoe as a guide and trainer for immune cells
- 2 – activates the NK-cell activity

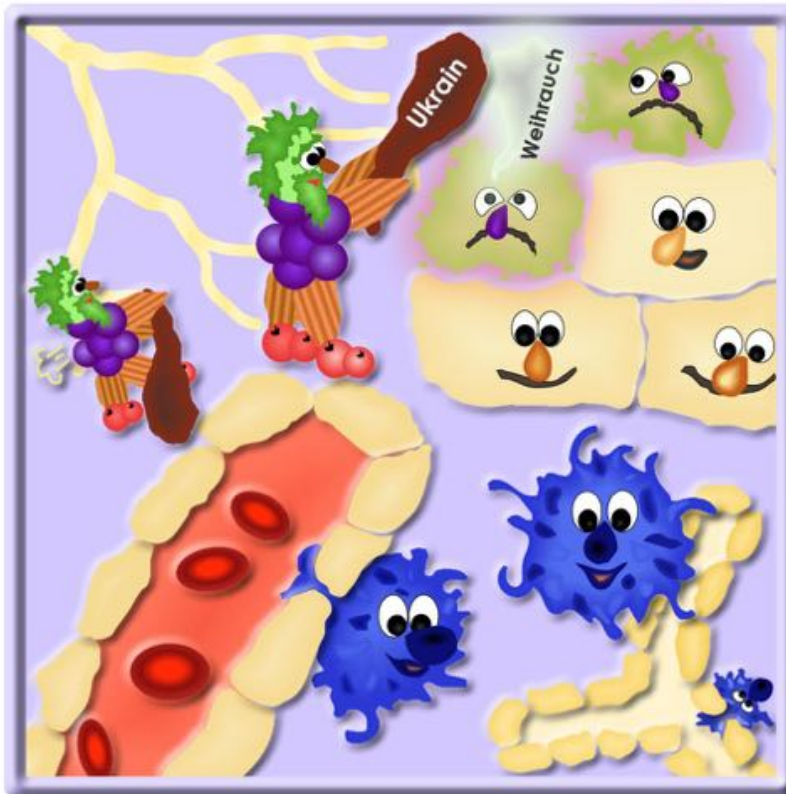
aus Reuter & Oettmeier: Biologische Krebstherapie heute. ProLeben-Fachverlag 2005





Organ extracts activate the new formation and maturation of defence cells (1) and support the function of inner organs (2)

aus Reuter & Oettmeier: Biologische Krebstherapie heute. ProLeben-Fachverlag 2005



- Echinacea
- Amygdalin
- Curcuma
- Artemisin
- Resveratrol
- Isopathic Immune stimulators (Utilin, Utilin S, Recarcin)
- and some more

aus Reuter & Oettmeier: Biologische Krebstherapie heute. ProLeben-Fachverlag 2005

## If possible: use natural Remedies!

**Phytotherapy:** to activate inner organs, support of regeneration, strengthening of the nerves

**Homeopathic Single-remedies and Complexes:** to activate inner organs, support of regeneration, distinct selection according repertorisation

**Isopathy:** terrain treatment, intestinal up-building, immuno modulation

**Spagyric and homotoxic Remedies:** to activate drainage and detoxification

**Biological Pain- and anti-inflammatory Medication:** Frankincense, Enzymes, Procain, extracts from willow and ash bark

**Organcell Extracts:** regeneration and rejuvenetaion accordind „Homing Effect“ Nobelprize 1999, Prof. Blobel (New York)

**Probiotics:** Bacterial cultures, Humin preparations, Zeolithe, pickled cabbage

**Immuno-stimulation:** Mistleroe, secondary plant substances (Curcumin, Quercetin, Broccoli-Extract, Artemisin, Wormwood)

## Evidence based research „Titanium Hypersensitivity Reaction“

The risk of corrosion of titanium implants is evidence based and proved....



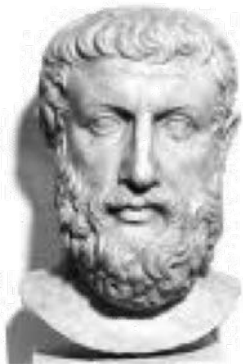
In vitro studies (97-100)

In vivo studies (101,102)

**Corrosion of titanium: metallic taste (103), stress fracture (104), increase in osteoclastic activity (105,106), Titanium wear particles in close proximity (107)**

97) **Cortada M et al.**, Galvanic corrosion behavior of titanium implants coupled to dental alloys. J Mater Sci Mater Med 11, 287–293 (2000). 98) **Reclaru L et al.**, Study of corrosion between a titanium implant and dental alloys. J Dent. 1994 Jun 22, 159–168 (1994). 99) **Taher NM et al.**, Galvanic corrosion behavior of implant suprastructure dental alloys. Dent Mater 19, 54–59 (2003). 100) **Venugopalan R et al.**, Evaluation of restorative and implant alloys galvanically coupled to titanium. Dent Mater 14, 165–172 (1998). 101) **Foti B et al.**, Polymetallism and osseointegration in oral implantology: pilot study on primate. J Oral Rehab 26, 495–502 (1999). 102) **Fretwurst T et al.**, Metal elements in tissue with dental peri-implantitis: a pilot study. Clin Oral Implants Res. 2016 Sep;27(9):1178-86. 103) **Kappert HF.** Orale Galvanismus unter besonderer Berücksichtigung des Amalgams. Phillip J 5, 233–240 (1990). 104) **Tagger Green N et al.**, Fracture of dental implants: literature review and report of a case. Implant Dent 11, 137–143 (2002). 105) **Cadosch D et al.**, Titanium IV ions induced human osteoclast differentiation and enhanced bone resorption in vitro. J Biomed Mater Res A 91, 29–36 (2009). 106) **Cadosch D et al.**, Titanium uptake, induction of RANK-L expression, and enhanced proliferation of human T-lymphocytes. J Orthop Res 28, 341–347 (2010). 107) **Weingart D et al.**, Titanium deposition in regional lymph nodes after insertion of titanium screw implants in maxillofacial region. Int J Oral Maxillofac Surg 23, 450–452 (1994).

***“Provide me with a  
remedy to induce fever,  
and I heal every known  
disease.”***



(Parmenides, ca. 500 y BC.)



## Immune Modulation with Whole Body Hyperthermia



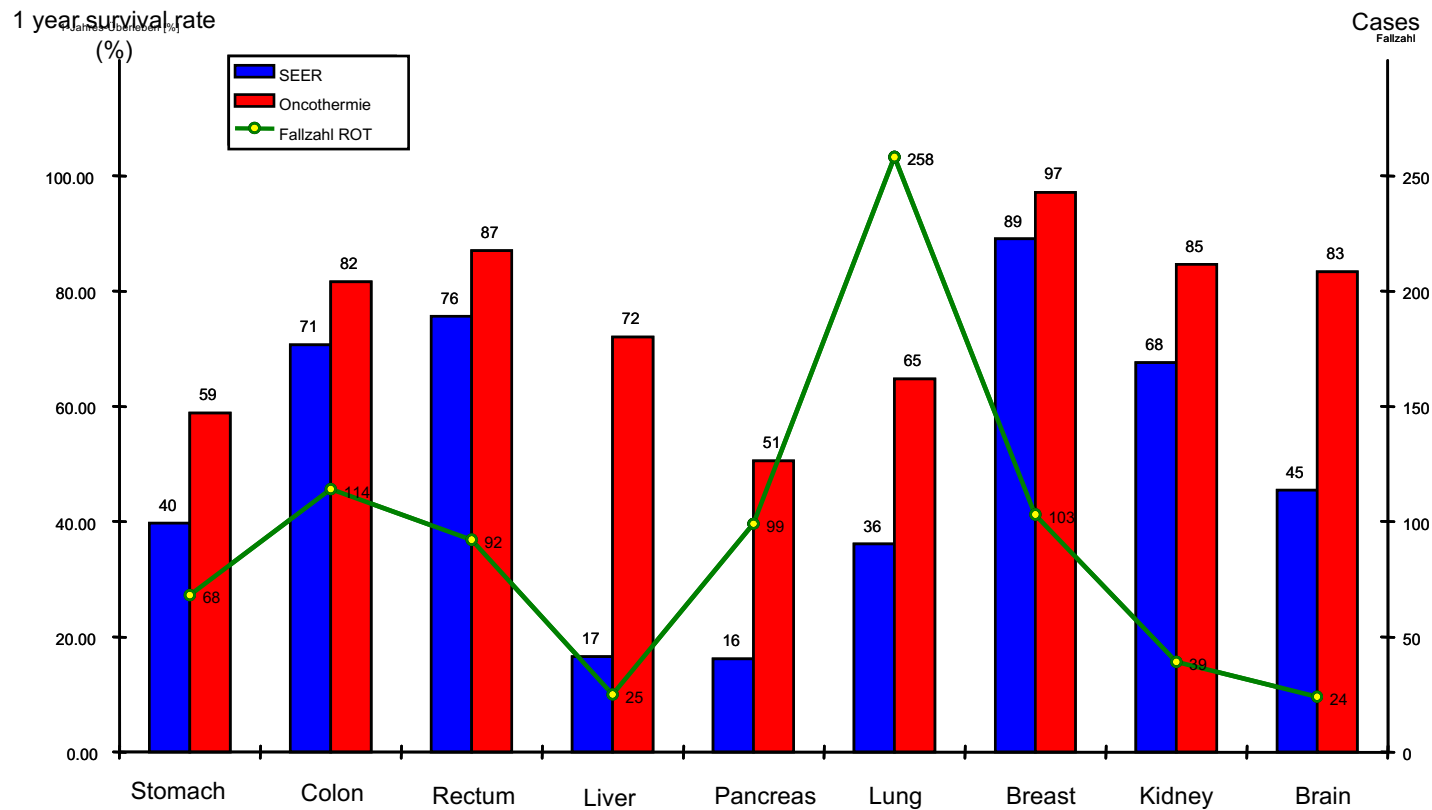
Whole Body Hyperthermia  
*Iratherm 1000*  
Von Ardenne Institute Germany



Local Deep Hyperthermia  
*Active CT 9*  
INDIBA Germany

# Efficacy (Local deep Hyperthermia)

Retrospective multi center study (n=500) Oncothermia EHY 2000 statistical significant health improvement



Reference: **Szasz A et al.**, Oncothermia: a new paradigm and promising method in cancer therapies. *Acupunct Electrother Res.* 2013;38(3-4):161-97. & Hyperthermia versus Oncothermia: Cellular Effects in Complementary Cancer Therapy. *Evid Based Complement Alternat Med.* 2013;2013:672873. & Oncothermia treatment of cancer: from the laboratory to clinic. *Electromagn Biol Med.* 2009;28(2):148-65.

### Proven Indications of Hyperthermia with chronic infection and pain

- **Chronic ENT symptoms** (sinusitis)
- **Lyme's Disease** (known as Neuro Borreliosis)
- **Chronic viral load** (Herpes, EBV, CMV, Papilloma-V., Chlamydias)
- **Chronic Parasitosis** (Toxoplasmosis, Trichonomas)
- **Chronic pain of different origin**

- Self development of fever over 6-8 hours after bacterial vaccination
- The patient can reach fever range till 103° F – 104° F
- NOBEL prize in Medicine 1927 (Prof. Jauregg)
- Intensive immune stimulation due to release of many immune activators
- Additionally, emotional „reset“, more feeling inner freedom
- Only possible with well prepared and vital patients





## 1. Using Nerve Pathways and Reflexing Zones

- Manual therapy, special Massage

## 2. Using the vegetative Nervous System

- Heart-Sound Therapy
- Myoreflex Treatment, Breathing Techniques



## 3. Using Somatotopies and complex Connections

- Acupuncture / Acupressure, Laser Light
- „Reflexing Zone“-Massage, Osteopathy, Dorn and Breuss Technique

## 4. Using the large Intestine

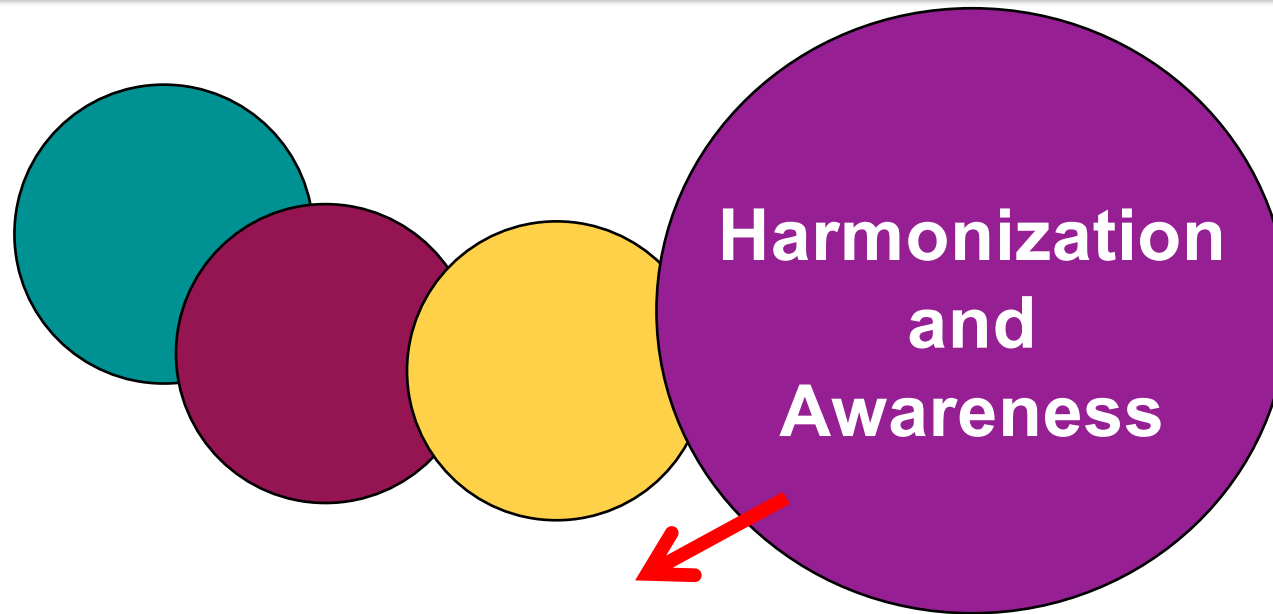
- Colon Hydro Therapy, Enema (with coffee or oil)



## 5. Using higher Temperature

- Whole Body Hyperthermia
- Local deep Hyperthermia (Indiba, I-therm)





## Body, Mind and Soul in Conformity with the Creation

**Say YES to LIFE**, Find the inner Sources of Energy, Bring the Family in Harmony, change Thinking Patterns, use the Power of own Trust and Believe Concept, synchronization of body. Mind and soul, develop an environmental Awareness for future Generations



*“The Soul of the  
Therapy is the Therapy  
of the Soul”*

*(Hildegard von Bingen)*

# Say YES to LIFE

Find out your inner Sources of  
Energy and Harmony ...

# Bring your Soul into harmony with Nature



by using the nature



refresh your body and soul



leave your  
sorrows behind,  
order your  
thoughts and  
find inner  
harmony.



## Being able to release “Legacy Issues”

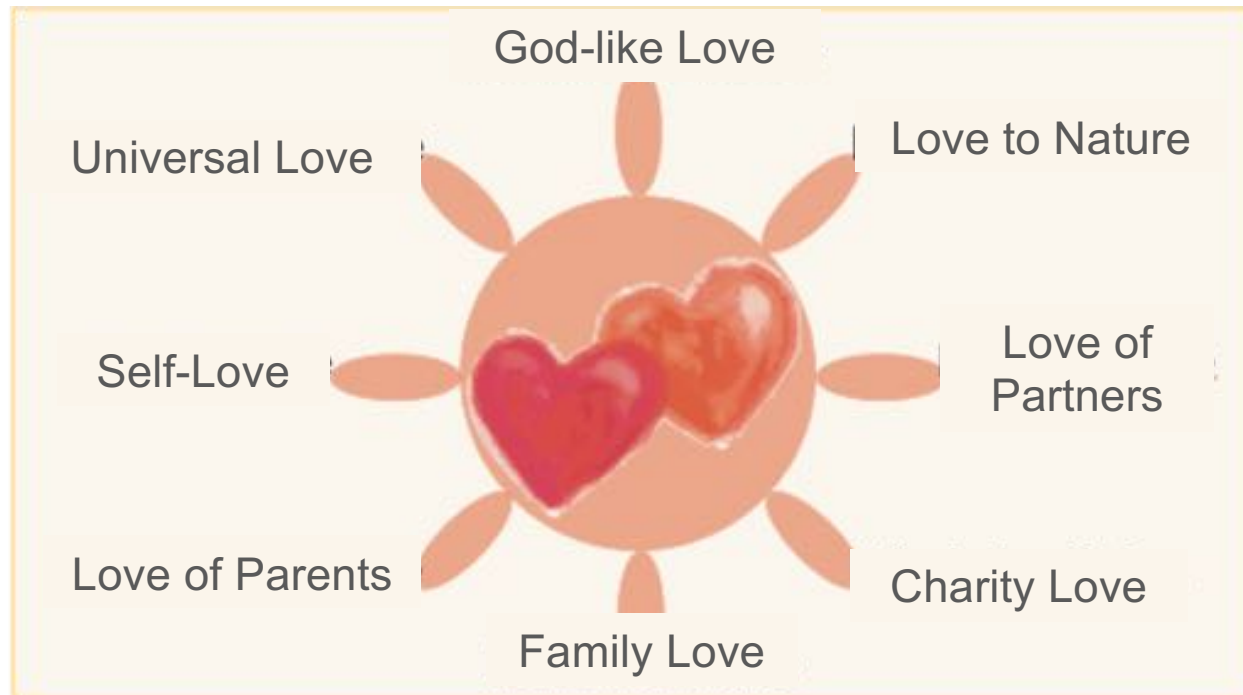


Get rid of  
“inner waste”  
and past  
issues.

## The special Role of Family



**Authenticity and self-Love** - an intact family provides support and love.



## The different Kinds of Love

# *What makes the Alpstein Clinic so unique?*

*Why should People come to us?*

**The Team of  
Doctors with  
practical  
Experience  
over 20 y. ago**



The Human in the center of focus.  
Excellence and harmony of body, mind  
and soul.



Dr. med.  
Ralf Oettmeier



Dr. med.  
Heiko Herzog



Med. pract.  
Birgit Kohl, MSc



Dr. med. Dr. med. dent.  
Josef Vizkelety



## The extraordinary Team of Alpstein Clinic

- Many years experience in Biological Medicine and Dentistry
- Highly comprehensive
- Working with Passion and Love







- High standard of equipment
- Connected with best laboratories in middle Europe
- New infusions
- All approved natural remedies available
- Medical board with the patient weekly
- Specialized for the whole family
- Super medical aesthetic programs
- Ready for co-operation with specialist and the doctors home

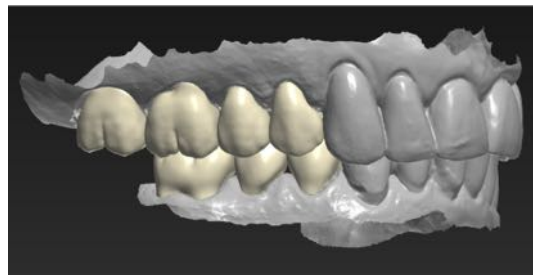


<- before  
after ->



<- pulsating  
magnetic field

PRGF (platelet  
rich growth  
factor) ->



<- 3 D imaging

Full ceramic  
implantology ->



### “Modern Diseases”

- Fibromyalgia
- Chronic fatigue and Burnout
- Attention deficit Disorder
- Hormonal Dysbalance
- Chronic pain with intolerance towards classic painkillers
- Restless legs
- Multiple hypersensitivity syndrome
- Eall kinds of chronic infections

### “Unclear Diseases”

- Autoimmune diseases (Hashimoto, rheumatoid arthritis, collagenosis)
- Intestinal bowl syndrome
- Chronic myositis and unclear paralysis
- Alzheimer´s and Parkinson´s disease
- Neuropathy and multiple Sclerosis
- Etc.

# Widely known Literature and Publications

**Safety of Therapeutic Fever Induction in Cancer Patients Using Approved PAMP Drugs**

Uwe Rudolf Max Reuter<sup>1</sup>, Ralf Oettmeier<sup>1</sup> and Uwe Hobohm<sup>2</sup>

<sup>1</sup>Uwe Rudolf Max Reuter (UR), Klinik-im-LEBEN, Gartenweg 5, 07973, Greiz, Germany; <sup>2</sup>Ralf Oettmeier (RO), ParacelsusKlinik, Battenhusstrasse 12, 9053 Teufen, Switzerland; <sup>3</sup>Uwe Hobohm (UH), THM University of Applied Sciences, Wissenschaftsstrasse 14, 35390 Giessen, Germany

Review Article

Medical - Clinical Research & Reviews

**The Procaine-Base-Infusion: a Review after twenty Years of Use**

Ralf Oettmeier, MD<sup>1</sup> and Uwe Reuter, MD<sup>2</sup>

<sup>1</sup>Paracelsus Clinic Lustmühle, Battenhusstrasse 12, CH-9062

<sup>2</sup>Correspondence: Ralf Oettmeier, Rieltli 736, CH-9056 Gais, Switzerland, E-mail: r.oettmeier@gmx.de

Review Article

Medical - Clinical Research & Reviews

**Basics and Examples of Successful Treatment of Uro-nephrological Diseases (In The Context of CAM)**

Ralf Oettmeier and Josef Vizkelely

<sup>1</sup>Paracelsus Clinic Lustmühle, Battenhusstrasse 12, CH-9062 Teufen, Switzerland.

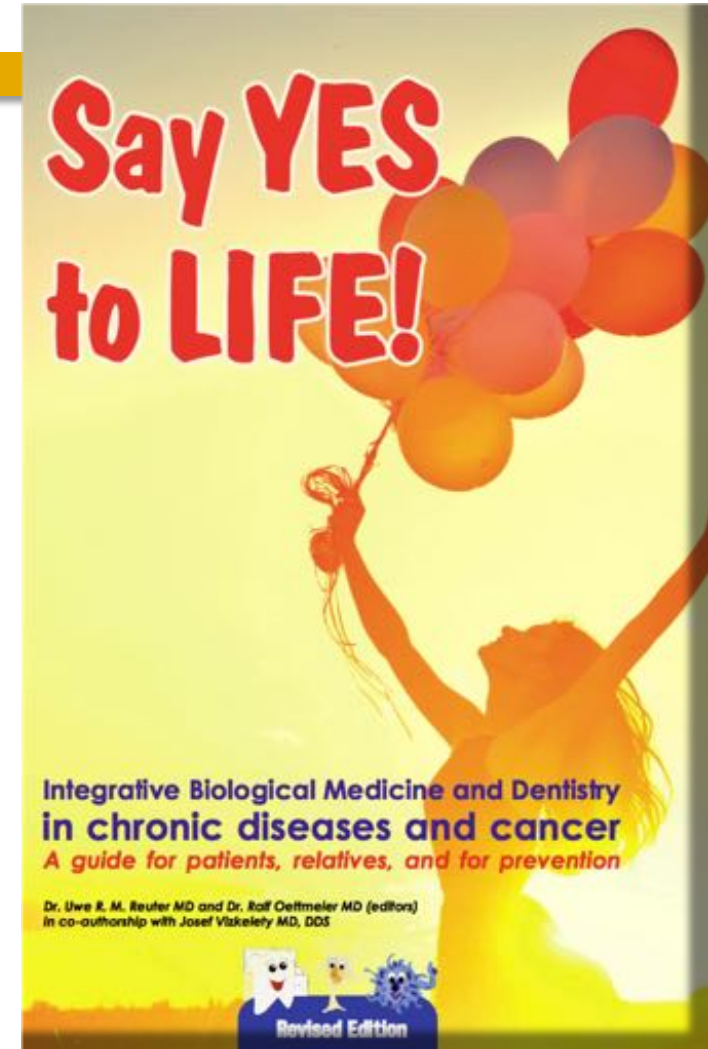
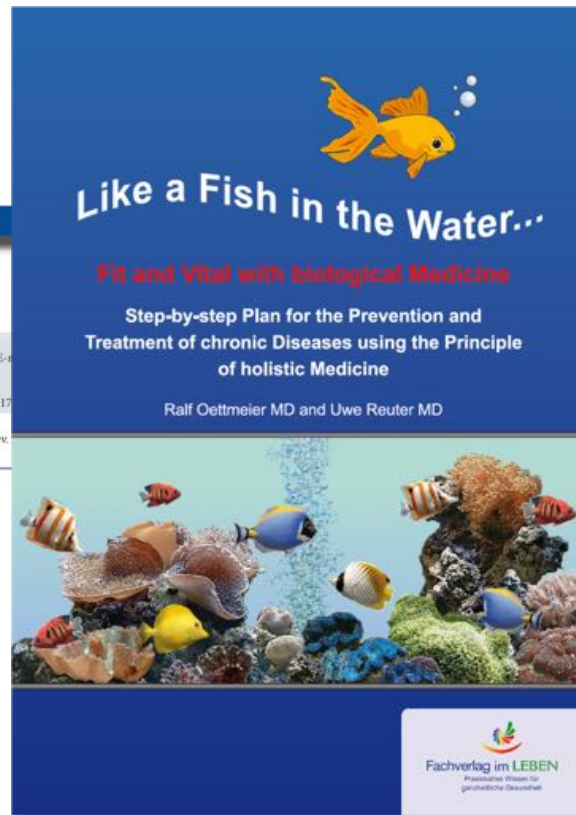
<sup>2</sup>Correspondence: Ralf Oettmeier, Rieltli 736, CH-9056 Gais, Switzerland, E-mail: Ralf.Oettmeier@gmx.de

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Citation: Ralf Oettmeier, Josef Vizkelely. Basics and Examples of Successful Treatment of Uro-nephrological Diseases (In The Context of CAM). Med - Clin Res & Rev. 2017; 1(3) 001: 1-6.

**ABSTRACT**

In regards to conventional diagnostic and treatment modalities of uro-nephrological diseases, complementary and alternative medicine (CAM) applies evidence-based aspects of environmental medicine (toxins, physical irritating fields), of vegetative nervous system (reflex zones, sympathicoparasympathetic balance, somatotopes, odontomas), of energetic medicine (acupuncture meridians of TCM, chakras from Ayurvedic medicine) as well as approved psycho-mentally and psycho-emotionally aspects. The uro-nephrological system is embedded in this holistic context, which enables a clear diagnostic strategy to develop an individual therapeutic concept. With these applications, it is possible to treat more precisely the complex reasons of the disease. As a primary measure, it is necessary to reduce the environmental toxic load, to optimize the dental situation (removal of dental foci) and to diminish chronic neuro-modulative triggers (foci) with the help of neural therapy. As a secondary measure we pay attention to the intestinal health and immune system. Last but not least, the patient's own healing forces need to be activated by using a vast spectrum of natural remedies and organ cell therapy. The examples of chronic cystitis, nephrotic syndrome and membrane-proliferative glomerulonephritis illustrate the successful application of CAM in this field.





*Many Thanks for  
Your Attention !*

