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**ALPSTEIN ACADEMY**  
Continuous Professional Development

**Seminars & Webinars**

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*willkommen  
welcome  
sönd wölkomm  
bienvenue  
benvenuto*

*Greetings from Appenzeller Land ...*

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ALPSTEIN**CLINIC**

*WHO WE ARE...*



ALPSTEIN**CLINIC**  
INTEGRATIVE BIOLOGICAL  
MEDICINE CENTER





INUSpheresis® Center  
ALPSTEIN CLINIC  
Appenzell - Switzerland





CENTER FOR  
INTEGRATIVE DENTISTRY





CHILDREN- AND FAMILY  
COMPREHENSIVE CENTER





ALPSTEIN**CLINIC**  
HYPERTHERMIA AND  
CANCER THERAPY CENTER



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Dr. Oettmeier, Alpstein Clinic, 2024

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# GRÜEZI!



The Alpstein Mountains in Appenzell



Market Place in Gais near Appenzell



Alpstein Clinic in Gais

## NEWS from Neuroinflammation


### as causative factor for different neurological diseases

Dr. Ralf Oettmeier und Team, Alpstein Clinic Gais / AR, Schweiz

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## What is Neuroinflammation?

- Neuroinflammation refers to the process whereby the brain's innate immune system is triggered following an inflammatory challenge such as those posed by injury, infection, exposure to a toxin, neurodegenerative disease, or aging.
- It involves the activation of immune cells in the central nervous system, primarily **microglia** and **astrocytes**, in response to injury, infection, toxins, or disease.



Source: Image Credit: Design\_Cells/Shutterstock.com

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## Followings of Neuroinflammation?

Excessive of chronic neuroinflammation can lead to damage of neurons and other brain cells and can contribute to a variety of neurological disorders and conditions, including:

- Alzheimer's disease,
- Parkinson's disease,
- Multiple sclerosis (MS),
- Cognitive problems and brain fog,
- Narcolepsy,
- Guillain-Barré-Syndrom,
- Chronic pain.



Source: Image Credit: Kateryna Kon / Shutterstock.com

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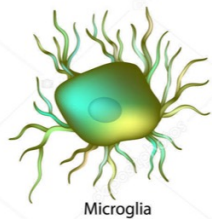
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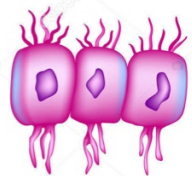


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## Our Brain Cells



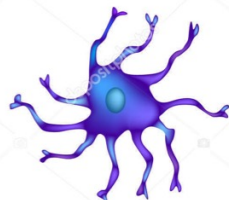
Microglia



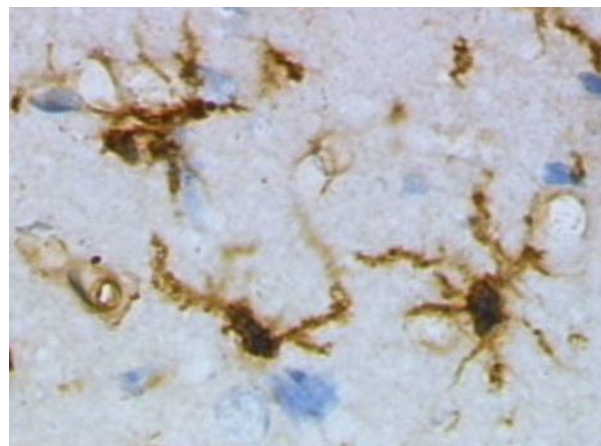
Ependymal cells



Oligodendrocytes



Astrocytes



Lektin-marked Gliacells

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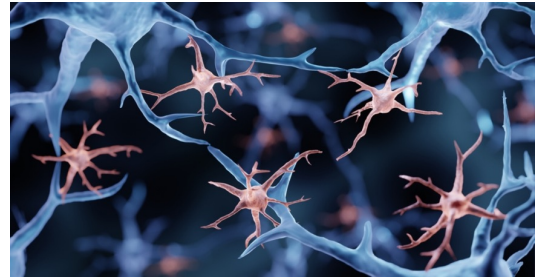
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## Microglia – the Immune System of the brain

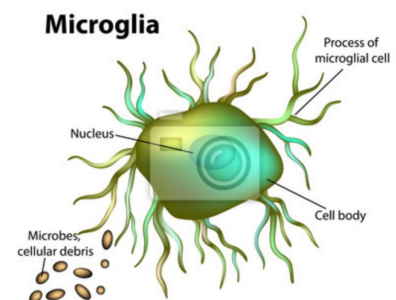
- **Microglia** are immune cells that live only in the brain.
- They are evenly distributed throughout the brain and spinal cord, making up around 10% of the total cells.
- Under healthy conditions, microglia have long branches that are used for moving and surveying the surrounding area for pathogens.




Source:  
<https://www.ataxia.org/scasourceposts/snapshot-what-are-microglia/>

## MIKROGLIA – The special Importance

- Represent the Link between the nervous and immune systems
- "Spider-like" probing of the environment, removing cell debris and waste products through phagocytosis and pinocytosis
- Important for neuroplasticity through **synapse phagocytosis**, especially during growth phases and puberty
- Fight pathogens similarly to granulocytes and present antigens like macrophages
- Interact with the immune system despite the blood-brain barrier through short-chain fatty acids and cytokines

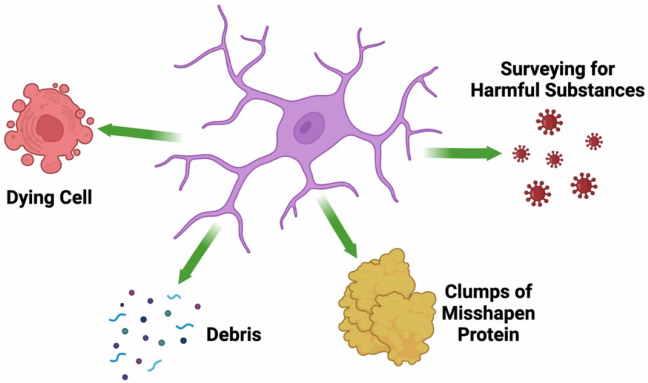




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## Microglia – the Guardians of the Brain

- Microglia cells remove dead or dying brain cells, debris, and clumps of misshapen protein.
- When microglia detect a nearby injury or threat in their environment, they “activate” to deal with the problem.
- Activated cells release specific inflammatory chemicals that alert other nearby cells to the presence of a problem and serve as a “come help!” signal to other microglia.
- Microglia can eliminate the threat by eating, or “phagocytosing”, the materials causing the threat.




https://www.ataxia.org/scasourceposts/snapshot-what-are-microglia/

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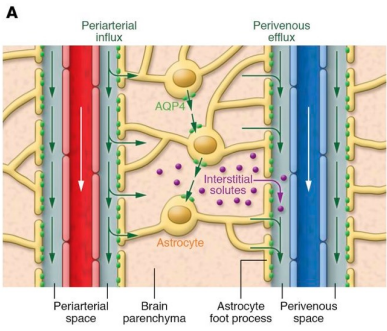
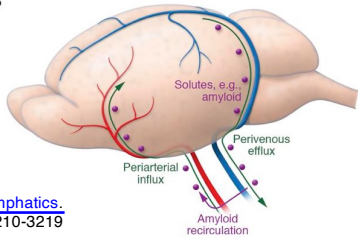
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## Glymphic / Glymphatic System (I)

- The Italian anatomist Paolo Mascagni discovered as early as 1816 parts of the lymphatic system in the brain
- 2012-2015 "new" discovered  
<https://youtu.be/d5YV-dCLvW8>
- can only be observed in the intact brain of living animals
- 500 ml of fluid are produced from the blood daily and transported away via the glymphatic system
- is especially active in sleep
- works like a hydraulic system (pumping function of astrocytes)





From: Louveau et al. [Understanding the functions and relationships of the glymphatic system and meningeal lymphatics.](#)  
*J Clin Invest.* 2017;**127**(9):3210-3219

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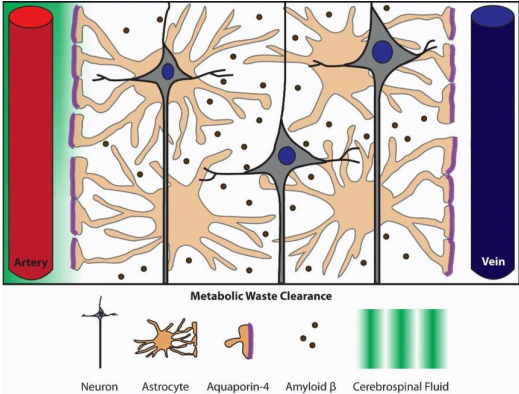
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## Glymph / Glymphatic System (II)

- the fluid flowing through the parenchyma absorbs pollutants, including beta-amyloids (accumulated in Alzheimer's)
- The function of the glymphatic system is the disposal of pollutants from the brain.




Quelle:

kevinbinz.files.wordpress.com

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## Neuroinflammation


### Typical causative Factors

- Virus infections:** Covid-19, EBV, CMV, Zoster V.
- Lyme infections:** Borrelia, Babesia, Bartonella, Anaplasma, Ehrlichia, Rickettsia, Francisella
- Parasites:** Toxoplasma, Malaria
- Mold toxins:** f.e. Aflatoxin A
- Neurotoxins:** Heavy metals, organic toxins
- Other auto-immune diseases:** Collagenosis, Hashimoto, Crohn's disease
- Vaccination**

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Neuroinflammation


Typical Symptomatology

- **Cognitive deficiencies:** low concentration, word finding difficulties, impaired executive functions, perceptual changes, disorientation
- **Memory problems:** names, events, facts
- **Language problems:** difficulties to speak, understand and finding words
- **Brain fog**
- **Eye and vision problems**
- **Hypersensitivity:** temperature, noise, odors, people, electro smog and high frequency load
- **Worsening due to sunshine, hot weather**

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Most diseases are based on toxic loads!

ATSDR

Agency for Toxic Substances & Disease Registry

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Toxic Substances Portal

Substances List

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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)

Text size: S M L XL

Print page

Bookmark and share

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

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ATSDR  
AGENCY FOR TOXIC SUBSTANCES  
AND DISEASE REGISTRY

ATSDR  
Agency for Toxic Substances & Disease Registry

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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)

• Tetralin

• 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)

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Neuroinflammation

Status of Cytokines

Immunologie

TH1/TH2/TH17-Zytokin-Status:

TH1-Antwort:

Interleukin-2\*\*

152,5

pg/ml

30 - 350

Tumor-Nekrose-Faktor-alpha\*\*

1319,4

pg/ml

25 - 900

Interferon-gamma\*\*

356,9

pg/ml

65,0 - 800,0

TH2-Antwort:

Interleukin-4\*\*

23,7

pg/ml

5 - 25

Interleukin-10\*\*

507,3

pg/ml

10 - 60

TH17-Antwort:

Interleukin-6\*\*

>10000,0

pg/ml

300 - 1750

Interleukin-17a\*\*

0.0

pg/ml

0 - 30


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


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## Neuroinflammation

### Autoantibodies against brain receptors

Autoimmundiagnostik			
H	β1-adrenerge Rez.-AAk i.S. (ELISA)	30.5 U/ml	 < 15.0
H	β2-adrenerge Rez.-AAk i.S. (ELISA)	34.6 U/ml	 < 8.0
H	M3-muskarinerge AChR-AAk i.S. (ELISA)	12.9 U/ml	 < 6.0
H	M4-muskarinerge AChR-AAk i.S. (ELISA)	15.9 U/ml	 < 10.7

**Interpretation**


Erhöhte Konzentrationen von Antikörpern (Ak) gegen G-Protein gekoppelte Rezeptoren (GPCR) können auf das Vorliegen eines Post-COVID-Syndroms oder eines ME/CFS (Myalgische Enzephalomyelitis/Chronic Fatigue Syndrome) hinweisen, sind aber nicht beweisend für die Diagnose. Erhöhte funktionelle GPCR-Ak können auch im Rahmen anderer physiologischer aber auch pathophysiologischer Prozesse vorkommen. Daher sollte die Beurteilung immer im klinischen Kontext erfolgen. Es empfiehlt sich eine Verlaufskontrolle der Ak nach ca. 3-6 Monaten.

➔

Elevated concentrations of antibodies (AK) against G-protein linked receptors (GPCR) are typical for presence of post-Covid syndrome or ME/CFS (**myalgic Encephalomyelitis/chronic fatigue syndrome**), can be caused also from other infections and toxicity

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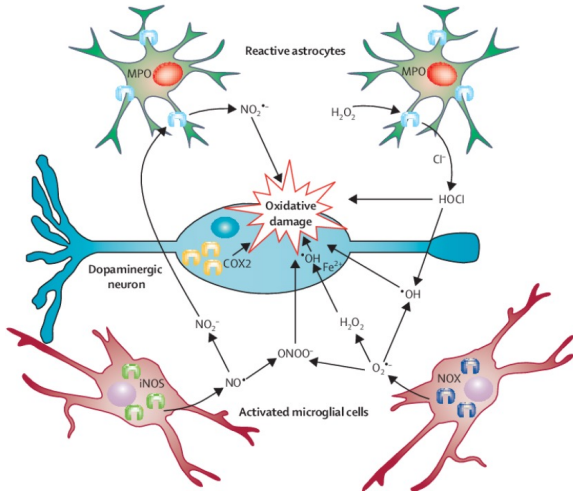


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## Biological Therapy

### against neuroinflammation


- **Antioxidants** (Vit. C, E, Q10, Zinc, Selenium, OPC)
- **Frankincense** (Olibanum)
- **Alpha-lipoic acid** (600 to 1.200 mg)
- **Omega-3-Fatty acids**
- **Secondary Plant substances** (Curcuma, Resveratrol, Quercetin)
- **Galactose** (plus Glycoplan®)
- **Procaine / ProcCluster®**
- **Perfect bedroom protection** (see *sh Wohngesundheit*, Austria)
- **INUSpheres®**



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Glycoplan®

according Dr. Mosetter


Vegetables			
Artichokes	Carrots	Potato*	*cook> 3t
Asparagus	Pumpkin	Sweet potato	
Aubergine			
Avocado			*technically a fruit
Bell peppers			
Broccoli			
Cabbage/kale			
Cauliflower			
Cucumber			
Ginger			
Herbs/Spices			*organic
Lettuce/salads			
Mushroom*			*not in glass
Olives			
Onions, leek, garlic			
Root vegetables			
Selleri			
Spinnach			
Sprouts			
Squash/zucchini			
Tomatos*			*preferably cooked
Turmeric			

Fruits - before 2 pm		
Grape fruit	Apple	Banana
Lemon	Apricot	Grapes
Rhubarb	Honeydew melon	Watermelon
Papaya	Lime	
	Mandarine	
	Mango	
	Orange	
	Papaya, dried	
	Peach	
	Pear	
	Pineapple	
	Pomegranate	

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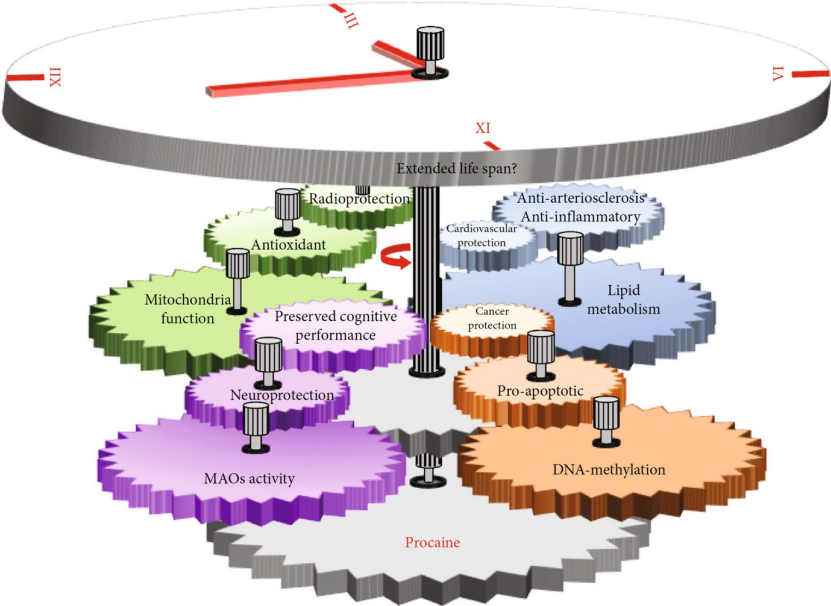
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PROCAINE – The Remedy No. ONE




*Biological and pharmacological Effects from Procaine*  
(Gradinaru et al. : Procaine – The Geroprotector Candidate: New Insights Regarding Its Molecular and Cellular Effects. Oxidative Medicine and Cellular Longevity, Volume 2021, Article ID 3617042,

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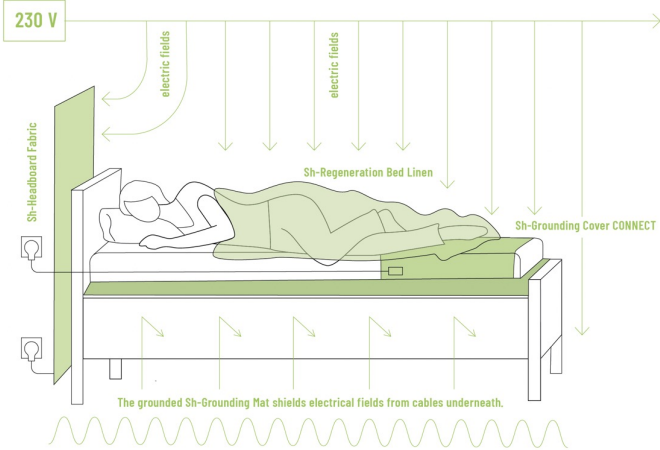


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## Perfect Bedroom Protection

from E- and HF-smog, EM fields etc.

The electric field lines are conducted directly to the grounding Sh-Bed Headboard Fabric which significantly reduces the strain on the head area.  
The Sh-Regeneration Duvet shields against harmful high-frequency radiation.



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### POSITIVE EFFECTS

- Shielding of electric fields**  
Effectively protects against electrical fields from in-house electrical installations.
- Protection against electromagnetic waves**  
Blocks high-frequency electromagnetic waves (WLAN, radio, Bluetooth).
- Improves the quality of sleep**  
The reduction of electromagnetic radiation can help to improve the quality of sleep.
- Faster regeneration**  
Relaxed sleep improves performance and well-being during the day.
- Sustainable quality**  
High-quality materials: durable and effective in shielding.
- Naturally grounded**  
The grounding prevents static body charges and dissipates electrical fields.

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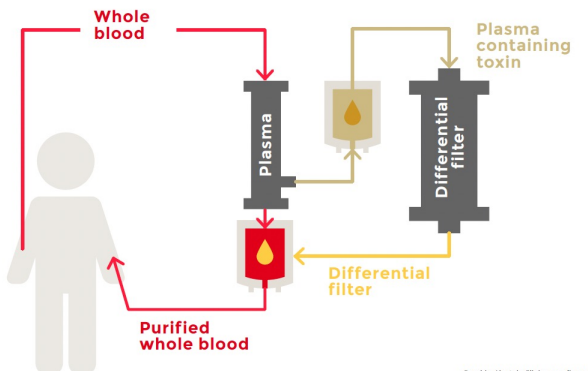
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## Functional Scheme of INUSpheresis®

How INUSpheresis® works at the Alpstein Clinic



Graphic: Alpstein Clinic, own diagram



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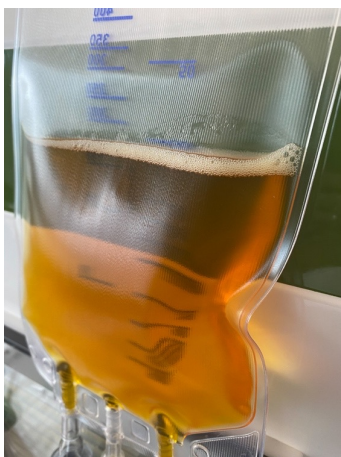
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## INUSpheresis® this components were filtrated out



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

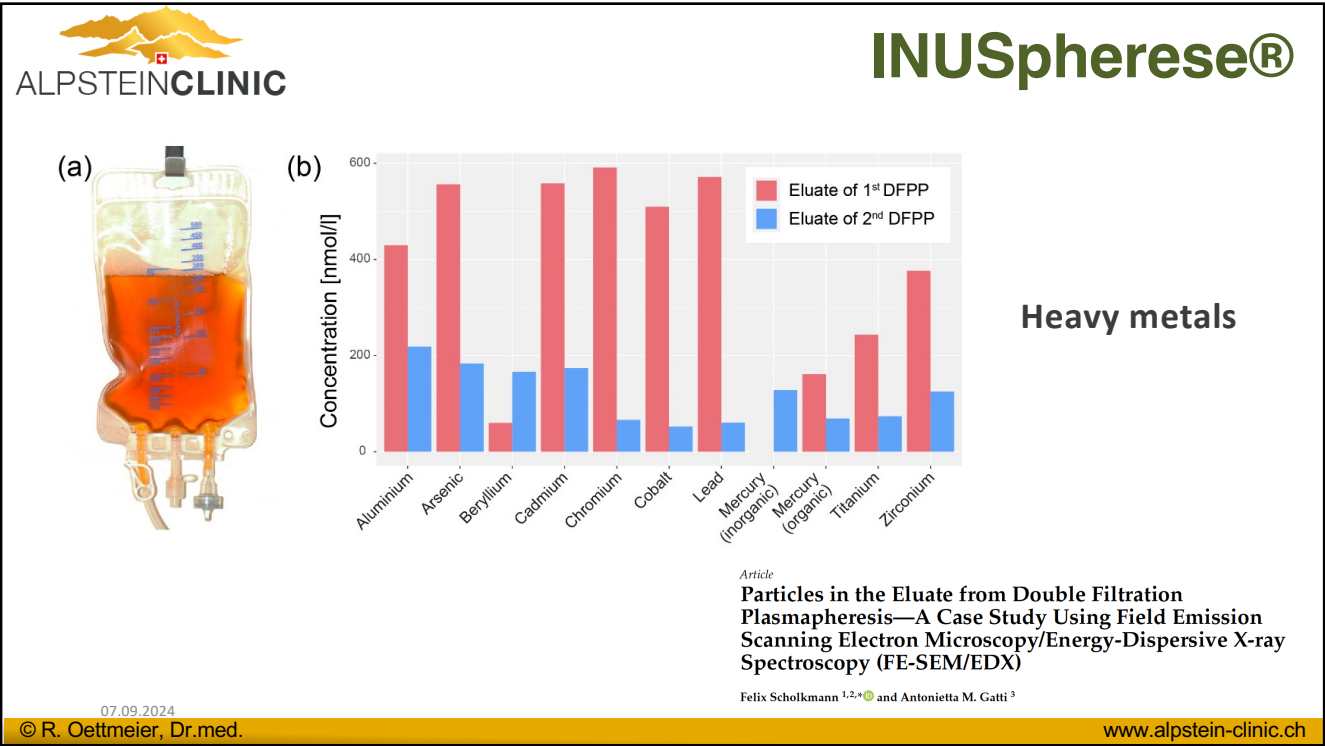


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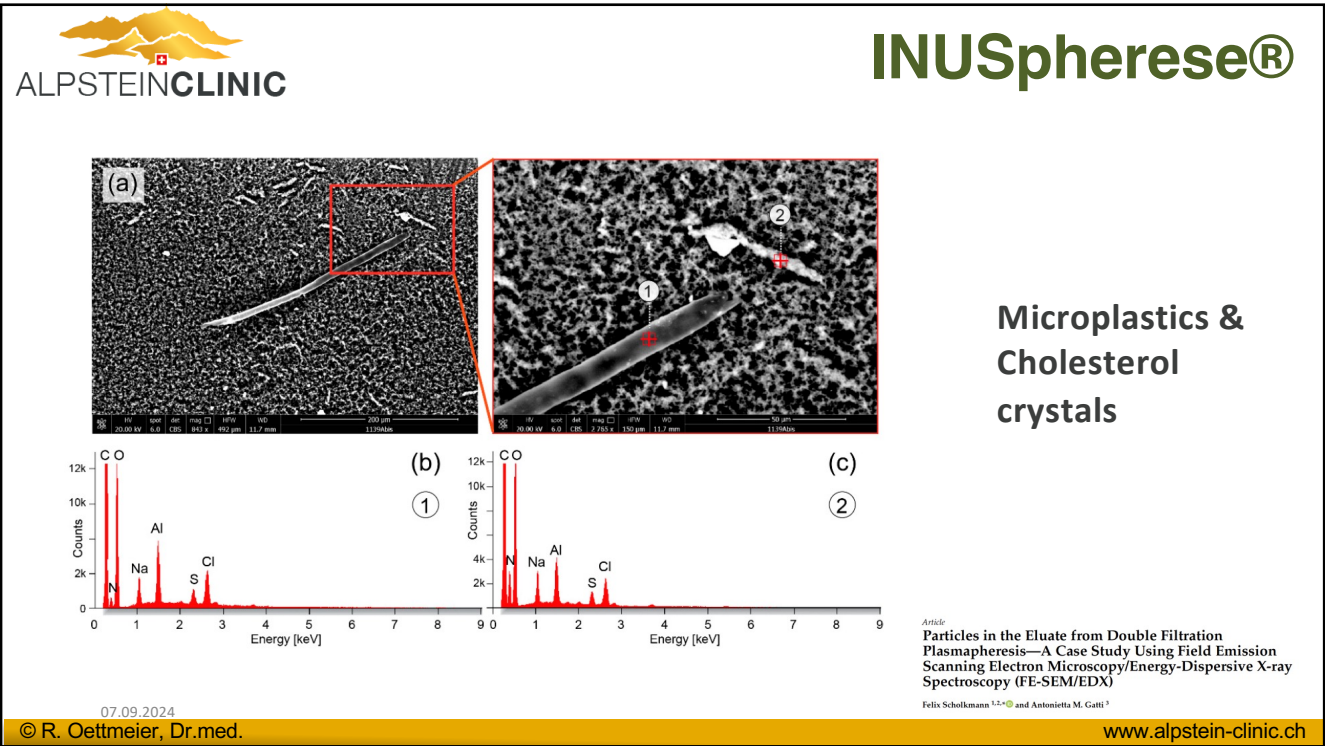
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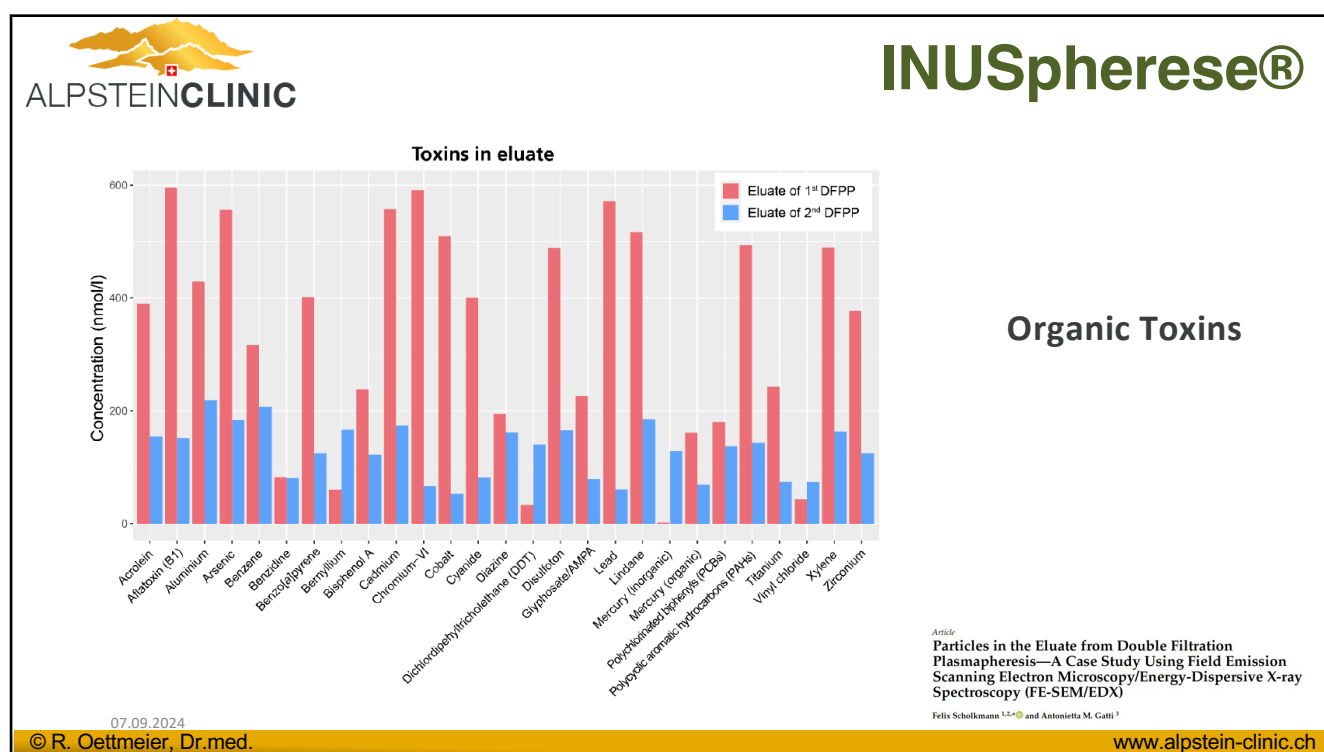





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# INUSphere®

IMMEDIATE COMMUNICATION

OPEN

Check for updates

## Clinical improvement of Long-COVID is associated with reduction in autoantibodies, lipids, and inflammation following therapeutic apheresis

85 % Success rate !

Martin Achleitner<sup>1,10</sup>, Charlotte Steenblock<sup>1,10,13</sup>, Juliane Dänhardt<sup>1</sup>, Natalia Jarzebska<sup>1</sup>, Romina Kardashi<sup>1</sup>, Waldemar Kanczkowski<sup>1</sup>, Richard Straube<sup>2</sup>, Roman N. Rodionov<sup>1</sup>, Nitzan Bornstein<sup>1</sup>, Sergey Tselmin<sup>1</sup>, Frank Kaiser<sup>3</sup>, Ronald Bucher<sup>1</sup>, Mahmoud Barbir<sup>5</sup>, Ma-Li Wong<sup>6,7</sup>, Karin Voit-Bak<sup>2</sup>, Julio Licinio<sup>6,7</sup> and Stefan R. Bornstein<sup>1,8,9</sup>

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In the aftermath of the COVID-19 pandemic, we are witnessing an unprecedented wave of post prominently, millions of patients with Long-Covid complain about chronic fatigue and severe post apheresis has been suggested as an efficient treatment option for alleviating and mitigating symptoms. However, little is known about the mechanisms and biomarkers correlating with treatment analyzed in different cohorts of Long-Covid patients specific biomarkers before and after treatment reported a significant improvement following two cycles of therapeutic apheresis, there was a neurotransmitter autoantibodies, lipids, and inflammatory markers. Furthermore, we observed a following apheresis, erythrocyte rouleaux formation and fibrin fibers largely disappeared as demonstrated. This is the first study demonstrating a pattern of specific biomarkers with clinical symptoms in treatment form the basis for a more objective monitoring and a clinical score for the treatment of Long-Covid syndromes.


Molecular Psychiatry; <https://doi.org/10.1038/s41380-023-02084-1>

07.09.2024

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## Case report: Migraine, Fatigue, chronic back pain

Patient H. [REDACTED]	Tagebuch-Nr. 0333283704	Geburtsdatum/Geschlecht 18.02.1971 / FR	IMD Berlin MVZ Telefon 030 770 01-322 Fax 030 770 01-332 E-Mail info@imd-berlin.de
Eingang 23.05.23	Ausgang 31.05.23	END-BEFUND	

Seite 1 von 1

**3 days after INUSphoresis®**

Material: Serum, Serum							
Untersuchung	Ergebnis	Einheit	Referenzbereich*				
<b>Autoimmundiagnostik</b>							
S1-adrenerge Rez.-AAk i.S. (ELISA)	16.7	U/ml	< 15.0				
S2-adrenerge Rez.-AAk i.S. (ELISA)	23.2	U/ml	< 8.0				
M3-muskarinerge AChR-AAk i.S. (ELISA)	13.4	U/ml	< 6.0				
M4-muskarinerge AChR-AAk i.S. (ELISA)	11.3	U/ml	< 10.7				


Patient H. [REDACTED]	Tagebuch-Nr. 0333284797	Geburtsdatum/Geschlecht 18.02.1971 / FR	IMD Berlin MVZ Telefon 030 770 01-322 Fax 030 770 01-332 E-Mail info@imd-berlin.de
Eingang 26.05.23	Ausgang 01.06.23	END-BEFUND	

Seite 1 von 1

Material: Vollblut							
Untersuchung	Ergebnis	Einheit	Referenzbereich*				
<b>Autoimmundiagnostik</b>							
S1-adrenerge Rez.-AAk i.S. (ELISA)	9.9	U/ml	< 15.0				
S2-adrenerge Rez.-AAk i.S. (ELISA)	14.9	U/ml	< 8.0				
M3-muskarinerge AChR-AAk i.S. (ELISA)	10.8	U/ml	< 6.0				
M4-muskarinerge AChR-AAk i.S. (ELISA)	8.3	U/ml	< 10.7				

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## Long COVID Syndrome:

Pat. W.K. 66 years

• **Anamnesis (19.01.22)**

- Jan. 2021 initially mild course of Covid-19 (took lots of vital substances and BRYONIA), initially improvement
- But after 10 days, folded up, like a total collapse, I could only sleep sitting up.. a lot of weakness, sweating, shortness of breath.. Developed full COVID symptomatology.., also total memory gaps..
- next cardiologist, complete check... among other things. MRI and cardiac catheterization ruled out myocarditis in summer '21,
- next cantonal hospital -> long Covid department, all possible. Did tests, didn't find anything, would be psychological
- Got inhaler for lungs and heart medication..
- next 4 weeks. Rehabilitation clinic... didn't help...
- stopped taking conventional medicine in the fall of '21 and only continued taking vital substances
- Brings a long list of complaints, affects all areas, weakness (approx. 20% energy) and cognitive disorders are particularly bad has a very poor quality of life..
- has already become a member of Exit.., Statement: "If what they offer doesn't help, I want to go to Exit... So life no longer has any meaning."

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## Long COVID Syndrome:

Pat. W.K. 66 years

### • Therapy and follow up

- Carrying out 2x INUSpheres® (January 26th and 28th, 2022)
- 6x IHHT, 6x hyperbaric ozone therapy (with 25 µg/ml)
- Continuation of his own vital substances plus Galgantum plus Extract®
- Consultation on March 4, 2022:
  - clearly. better breathing, more zest for life,
  - energy at 80% also connected again with the divine world runs his own practice again (50%, is an osteopath)
  - Brain fog is completely gone..., significantly better memory and concentration do next where.

### • BACK IN LIFE

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## Clinical improvement of Long-COVID is associated with reduction in autoantibodies, lipids, and inflammation following therapeutic apheresis

Martin Achleitner<sup>1,10</sup>, Charlotte Steenblock<sup>1,10</sup>, Juliane Dänhardt<sup>1</sup>, Natalia Jarzebska<sup>1</sup>, Romina Kardashi<sup>1</sup>, Waldemar Kanczkowski<sup>1</sup>, Richard Straube<sup>2</sup>, Roman N. Rodionov<sup>1</sup>, Nitzan Bornstein<sup>1</sup>, Sergey Tselmin<sup>1</sup>, Frank Kaiser<sup>3</sup>, Ronald Bucher<sup>4</sup>, Mahmoud Barbir<sup>5</sup>, Ma-Li Wong<sup>6,7</sup>, Karin Voit-Bak<sup>2</sup>, Julio Licinio<sup>6,7</sup> and Stefan R. Bornstein<sup>1,8,9</sup>

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published:

Molecular

Psychiatry 20.5.23


In the aftermath of the COVID-19 pandemic, we are witnessing an unprecedented wave of post-infectious complications. Most prominently, millions of patients with Long-Covid complain about chronic fatigue and severe post-exertional malaise. Therapeutic apheresis has been suggested as an efficient treatment option for alleviating and mitigating symptoms in this desperate group of patients. However, little is known about the mechanisms and biomarkers correlating with treatment outcomes. Here, we have analyzed in different cohorts of Long-Covid patients specific biomarkers before and after therapeutic apheresis. In patients that reported a significant improvement following two cycles of therapeutic apheresis, there was a significant reduction in neurotransmitter autoantibodies, lipids, and inflammatory markers. Furthermore, we observed a 70% reduction in fibrinogen, and following apheresis, erythrocyte rouleaux formation and fibrin fibers largely disappeared as demonstrated by dark field microscopy. This is the first study demonstrating a pattern of specific biomarkers with clinical symptoms in this patient group. It may therefore form the basis for a more objective monitoring and a clinical score for the treatment of Long-Covid and other postinfectious syndromes.

*Molecular Psychiatry*; <https://doi.org/10.1038/s41380-023-02084-1>

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ALPSTEIN**CLINIC**

Case report

narcolepsy


- Medical doctor, female, age 29
- Narcolepsy for several years
- Up to 10 sleep attacks per day
- Temporal relationship to HPV vaccination
- Healthy lifestyle



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ALPSTEIN**CLINIC**

Eluate after the first Inuspheresis

Case report

narcolepsy

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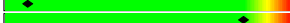



























Bachtobelstrasse 5

CH - 8810 Horgen

lab@inus.health

+41 61 383 70 33


Proben-Nr. 260 Patienten-Nr. 05559 Eluat 1. Behandlung

Dichlorfluorid		<0.1	µg/l	
Dieldrin	0.0 - 0.01	<0.01	µg/l	
gamma Hexachlorcyclohexan	0.0 - 0.10	<0.01	µg/l	
Heptachlorepoxid	0.0 - 0.01	<0.01	µg/l	
Hexachlorbenzol		<0.01	µg/l	
PCB 138	0.0 - 0.05	<0.01	µg/l	
PCB 153	0.0 - 0.05	<0.01	µg/l	
PCB 180	0.0 - 0.05	<0.01	µg/l	
Pentachloranilin		<0.1	µg/l	
Permethrin	0.0 - 0.2	<0.2	µg/l	
p-p-DDE		<0.01	µg/l	
p-p-DDT		<0.01	µg/l	
<b>Schwermetalle</b>				
Parameter	Grenzwerte	Messwert	Einheit	
Aluminium	0.0 - 8.0	303.1	µg/l	
Antimon	0.0 - 0.20	2.63	µg/l	
Arsen	0.0 - 2.1	0.2	µg/l	
Bismut	0.0 - 0.2	<0.1	µg/l	
Blei Frau	0.0 - 30.0	1.7	µg/l	
Cadmium	0.0 - 0.40	<0.05	µg/l	
Caesium	0.0 - 5.20	0.18	µg/l	
Chrom	0.0 - 0.50	1.30	µg/l	
Cobalt	0.0 - 0.40	3.04	µg/l	
Gallium	0.0 - 0.20	0.07	µg/l	
Gold	0.0 - 0.20	<0.05	µg/l	
Indium	0.0 - 0.20	<0.05	µg/l	
Iridium	0.0 - 0.20	<0.05	µg/l	
Kupfer	699 - 1397	1088	µg/l	
Mangan	0.3 - 0.9	1.0	µg/l	
Molybdän	0.3 - 1.2	0.4	µg/l	
Nickel	0.0 - 2.8	11.5	µg/l	

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ALPSTEINCLINIC

Eluate after the fourth Inuspheresis

Case report  
narcolepsy

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Bachtobelstrasse 5  
CH - 8810 Horgen  
lab@inus.health  
+41 61 383 70 33

Proben-Nr. 903, Patienten-Nr. 5559, Eluat 10. Behandlung

Hexachlorbenzol	10.00	0	ng/l	N.N.	+	
PCB 101	20.00	0	ng/l	N.N.	+	
PCB 138	10.00	0	ng/l	N.N.	+	
PCB 153	10.00	0	ng/l	N.N.	+	
PCB 180	10.00	0	ng/l	N.N.	+	
Pentachloranilin	100.0	0	ng/l	N.N.	+	
Permethrin	200.0	0	ng/l	N.N.	+	
p-p-DDE	20.00	0	ng/l	N.N.	+	
p-p-DDT	20.00	0	ng/l	N.N.	+	
Tolylfluorid	250.0	0	ng/l	N.N.	+	
α-Hexachlorcyclohexan	10.00	0	ng/l	N.N.	+	
β-Hexachlorcyclohexan	10.00	0	ng/l	N.N.	+	
Summe			ng/l			

Schwermetalle


Parameter	Referenzwert	Messwert	Einheit	Kommentar	Im Vergleich zum Referenzwert	
Aluminium	8.0 *	16.8	µg/l	Sehr hoch		+
Antimon	0.20 *	0.12	µg/l	Angemessen	+	
Arsen	1.00	0.71	µg/l	Angemessen		
Bismut	0.1	0	µg/l	N.N.	+	
Blei	30.0 *	0.2	µg/l	Angemessen	+	
Cadmium	0.05 *	0	µg/l	N.N.	+	
Caesium	5.20 *	0.36	µg/l	Angemessen	+	
Chrom	0.50 *	0.22	µg/l	Angemessen	+	
Cobalt	0.05	0.70	µg/l	Sehr hoch		+
Gadolinium	0.05 *	0	µg/l	N.N.	+	
Gallium	0.05	0	µg/l	N.N.	+	
Gold	0.05	0	µg/l	N.N.	+	
Indium	0.05	0.05	µg/l	Angemessen		
Iridium	0.05	0	µg/l	N.N.	+	
Kupfer	699 - 1397 *	1727	µg/l	Hoch		+
Mangan	0.3 - 0.9 *	2.5	µg/l	Sehr hoch		+
Molybdän	0.3 - 1.2 *	4.7	µg/l	Sehr hoch		+
Nickel	2.8 *	2.7	µg/l	Angemessen	+	
Palladium	0.05	0	µg/l	N.N.	+	
Platin	0.05	0	µg/l	N.N.	+	
Quecksilber	0.9	0.2	µg/l	Angemessen	+	
Rubidium	78 - 317 *	101	µg/l	Angemessen	+	
Ruthenium	0.05	0	µg/l	N.N.	+	

Dies ist eine Elementen/Umweltanalyse und stellt keinen medizinischen Befund dar.  
Die Relevanz der Ergebnisse im medizinischen Sinne und im Bezug auf eine Therapie bedingt der Einschätzung des behandelnden Arztes.

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ALPSTEINCLINIC

Case report  
narcolepsy

- After just 2 treatments, the frequency of attacks was reduced from 10 to 1 or 2 sleep attacks per day
- After 8 treatments, the patient is seizure-free.
- She is back in life and can pursue her chosen career.
- She has training in integrative medicine, but has not yet been able to practice due to her illness.

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## Case: Alzheimer Dementia, Patn. E.H., 83 years from Geneve

### E-Mail from Daughter of the patient:

- I WANT YOU ALL TO UNDERSTAND THAT MOST OF THE LAST 2 YEARS, WHEN I SHOWED YOUR WATCH OR PURSE, MOM DIDN'T KNOW WHAT YOU WERE.
- That afternoon, after we got back to the apartment, I followed Mama around the apartment in search of something.
- Walking back and forth is normal for her, so I followed her closely to prevent the possibility of passing out or losing her balance, while she spoke to me in clear sentences the entire time and her memory got a drastic improvement in her short-term memory revealed.
- When I asked her what she was looking for, imagine my astonishment when she replied, "Where is my watch, my wallet, my scarf and my keys!" Since I wasn't reacting so quickly to decipher what she was saying in German, she switched to French and repeated the request!
- She did this numerous times, frustrated when I didn't understand what she was saying in German, and repeated it in French in full, articulate sentences. Before the treatment, mom rarely got further than 3 words before she completely forgot what she said.
- Before treatment, Mom routinely walked up to chairs and stood next to the chair, confused, forgetting that she wanted to sit down.
- Incredible: Mom started laughing and cracking jokes. Ladies and gentlemen, Mom hasn't had a sense of humor or made a joke in the entire 16 years I've known her. Also, my sister and I, who have been on every type of detox for 30 years, saw significant amounts of toxins removed in both sessions that were apparently meant to circulate in our bodies for the rest of our lives.
- We continue to see significant increases in energy, alertness, and a great improvement in our mental abilities. We have seen less improvement in our mental abilities after 10 years of work.

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# Announcement

Fix the date ...

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ALPSTEINCLINIC



AN EVENING WITH  
**Dr. Ralf Oettmeier and Dr. Josef Vizkelety**  
Founders and Head Physicians/Dentist of Switzerland's Alpstein Clinic

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RSVP: 410.575.1200 • [lifemedinstitute.com](https://lifemedinstitute.com)

**THURSDAY**  
OCTOBER 24, 2024 • 6:30PM  
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Bel Air, MD 21014  
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