



Ozone based solutions to fight pathogens and related epidemics

The International Ozone Association, European African, Asian, Australasian Group, invites professionals, academics, and students to participate the Webinar

Ozone in Medicine. Prevention and Convalescence in Virus Diseases inactivation of SARS-CoV-2 and other viruses.

As humanity faces COVID-19, a major public health crisis, this second webinar will share with all interested on the potentialities of medical application of ozone to fight the pandemic. The presentation will cover the global approach to address viral diseases and the related role of ozone as medical agent.

Register for this webinar

TYPE	Webinar
DURATION	90 min
START DATE	18 November 2021
START TIME	14:00 (Paris time)
LANGUAGE	English
FORMAT	Presentation, Q&A panel

Description

Viral diseases are a special challenge for medicine, as the corona virus disease COVID caused by the virus SARS-CoV-2. The in 2020 globally declared pandemic again fiercely manifests, and the current challenges for medical community.

Prevention

The best of all options is prevention, viral diseases must be avoided. The first priority is hygiene with effective treatment of wastewater, the disinfection of drinking and process water. This has often stopped and prevented epidemics in the past, and here ozone plays a key role. Unfortunately, antiviral effects of ozone don't come to fruition in virus diseases; they require direct contact with the viruses, most of which, however, hide intracellularly in order to be replicated there. And, in the different forms of medical ozone application, ozone reacts in less than a second with blood components, preferentially with unsaturated fatty acids (with isolated double bonds) of cell membranes.

Ozone as bioregulator

In addition to vaccines, whose development, effectiveness, benefits and risk assessments take many years, an intact immune system is one of the best prerequisites. And this is where Biological Medicine comes in, with its claim to regenerate and optimize the body's own biological functions: immune activation and immunomodulation, as well as the regulation of the oxidant/antioxidant balance, are the domain of medical ozone which can be used complementarily as Low-Dose Ozone Concept in prevention and convalescence.

Acute respiratory diseases as COVID-19 as well as post COVID conditions are always accompanied by high oxidative stress, associated with excessive immune reactions, cytokine production, inflammation, cell death, and other pathophysiological processes:

- High oxidative stress
- Imbalance oxidants / antioxidants
- Disturbed glutathione balance GSH / GSSG

The improvement of these clinical parameters will be followed and show the effectiveness of the low-dose ozone concept in a complementary treatment concept in convalescence of post COVID patients.



Speaker

Renate Viebahn-Hänsler, PhD in X-ray structure analysis in solid state chemistry at the Tübingen University, Germany.

Specialized in technology and pharmacology of medical ozone for 4 decades. Transfer of the Hänsler Ozonosan Company in 2020 to the next generation.

Executive Board Member of the "Medical Society for Ozone Application in Prevention and Therapy". Board Member of the International Ozone Association IOA and editorial board member of the scientific journal of the IOA: Ozone: Science & Engineering.

Registration category and fees in € (EUR)

	Rate		Rate
IOA Member* - Live webinar and Access to replay video	30 €	IOA Member* - Access to replay video only	20 €
Non-member** - Live webinar and Access to replay video	40 €	Non-member** - Access to replay video only	30 €
Student*** - Live webinar and Access to replay video			0 €
New IOA annual membership subscription + Webinar registration			190 €

*The membership status will be checked. If wrong, the registration will have to be changed. **IOA membership entitles discount on registration fees at all IOA events. Discover all benefits at www.ioa-ea3g.org ***Proof of student status will be asked.