

**XXIV INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE  
REHABILITATION OF MILITARY CARDIOCEREBRAL LESIONS  
PREVENTION OF COMPLICATIONS  
MAY 18-19, 2023  
[on line]**

**Reactivation of biochemical memory:  
the case of alcohol abuse and treatment of drunk state.**

**Cosimo Loré 338-9063943**

[direttore@scienze-forensi.it](mailto:direttore@scienze-forensi.it)

[www.scienze-forensi.it](http://www.scienze-forensi.it)

A new nutraceutical line for the modulation of the response to alcoholic excesses and the risks for safety, efficiency and driving license from alcoholic excesses with potential pharmacological implications on the regulation of primary enzymatic and pathophysiological processes is emerging amidst surprise in the medical and scientific community, and the supervisory bodies themselves.

The enigmatic activation of alcohol dehydrogenase and acetaldehyde dehydrogenase could explain the accelerated reduction of blood alcohol levels which might convey easily the ethyl alcohol towards the aerobic metabolism with the production of ATP, water and carbon dioxide, reducing until the state of inebriation disappears.

Nutriceutical disorder by damage of biochemical memories, recent developments in the nutraceutical field have found out new ways to correct some dangerous “deviations” of the human nutritional process. A series of repetitive biochemical memories seems to be implied: they play a role in leading Krebs cycles of fats and the urea. If only one of these memories loses its function, some damages may occur. Some studies of computational biology are focusing their attention on the kind of biochemical memories and their role (memory “switch” in chemical reaction space by Naren Ramakrishnan and Upinder S. Bhalla ).

The reactivation of biochemical memories is possible?

A new line of nutraceutical to high concentration and rich of bioinformations, seems to enhance the reactivation of these memories with the aim of correcting the anomalies affecting any of the homeostatic cycle. A study on ethyl alcohol metabolism (in its different and deviated Dionysian manifestations as pointed out by recent governmental reports shows that these dietary supplements have achieved encouraging results in leading effectively the enzymatic activities, as in the case of ethyl alcohol pushed towards the Krebs cycle and the aerobic metabolism.

The mechanisms with which the ingredients of the dietary supplement would enable this enzymatic activation, need to be analyzed in a deeper way, but the reduction of the blood alcohol content and the recovery of the psycho-physical efficiency encourage to carry on the research both on the clinical and the cellular side in order to verify these results in the academic and institutional fields as well.

Other experiences in nutraceutical integrative approach to rehabilitation and wellness with reactivation of Biochemical memories:

- a) contrast side effect of drug,
- b) immune response stimulation against virus bacteria, etc.,
- c) improvement of lipid metabolism,
- d) improvement of performance status in normal people and in sportsmen,
- e) improvement of enzymatic activity in some genetic disease as leucodistrofia, duchenne, etc., with some clinical results observed,
- f) two important side effects was observed,
- g) increase in intestinal peristalsis and gas in the first days of intake,
- h) increase in uric acid from activation of the purine line with risk of gout attacks.

## REFERENCES

- Reduction of Breath Alcohol Levels in Healthy Subjects by Citoethyl Antonelli F., Ferorelli P., De Martino A., Beninati S. 196-199 Full PDF Paper | Paper in Html | DOI: 10.11648/j.ijnfs.20130204.16 <https://www.sciencepublishinggroup.com>
- Reduction in Fatigue Symptoms Following the Administration of Nutritional Supplements in Patients with Multiple Sclerosis, Pasquale Ferorelli<sup>1</sup>, Francesco Antonelli<sup>2</sup>, Anna Shevchenko<sup>3</sup>, Carlo Mischiati<sup>4</sup>, Manfred Doepp<sup>5</sup>, Stefano Lenzi<sup>6</sup>, Ilaria Borromeo<sup>7</sup>, Giordana Feriotto<sup>8</sup>, Simone Beninati<sup>9</sup> <https://pubmed.ncbi.nlm.nih.gov/34287336/>
- Torricelli P., Ferorelli P., De Martino A., Antonelli F and Beninati S. *The Influence of preventive multiple micronutrients supplementation on Liver Steatosis in High-Cholesterol Fed C57BL6/N mice.* American Journal of Life Sciences. 1, 2, 2013 <http://ajols.com/article/118/10.11648.j.ajls.20130102.16>
- Regression of Carotid Plaques in Individuals at Low-to-intermediate Cardiovascular Risk Treated with Citozym and Propulzym, European Journal of Preventive Medicine Volume 2, Issue 3, May 2014, Pages: 33-37 <https://www.sciencepublishinggroup.com/journal/paperinfo.aspx?journalid=651&doi=10.11648/j.ejpm.20140203.12>
- V. I Valenzi, B. Messina Proceedings meeting on: *The role of quantum electro dynamics in medicine.* Rivista di Biologia/Biology Forum 93 (2000) pp. 267-312. <http://web.tiscali.it/numedi/arc2002/0902/12.html>
- Allan Widom, Yogi Srivastava, Vincenzo Valenzi: *The Biophysical Basis of Water Memory.* International J. of Quantum Chemistry (Wiley and Sons), May 2009 <https://nutrizzioneantonelli.altervista.org/PubblicazioniScientifiche.html>