

COSMOS AND BIOSPHERE 2025

<https://conference.cfuv.ru/conference/biospace/>
<https://www.vglobale.it/?s=COSMO+E+BIOSFERA>

Some Biotech Development on Biological Antennae for Electromagnetic Communication in Quantum Chemistry Regulation, Diagnostics and Therapy

Odoardo M. Calamai¹, Luigi Campanella², Svetlana Von Gratowski & Victor Koledov³ Madan Thangavelu⁴, Vincenzo I. Valenzi⁵.

¹ BEM Section CIRPS <https://www.cirps.it/en/bem-section/>

² Department of Chemistry Rome "La Sapienza" www.uniroma1.it

³ Institute of Radio Engineering and Electronics RAS Moscow

⁴ Molecular Genomics Mind Matter Unified Project Cambridge

⁵ Biomet Section CIRPS <https://www.cirps.it/en/biometeo-section>

Abstract

Pioneering research by OM Calamai in the 1980s in the aeronautical field on the suitability of military pilots for combat revealed how Evoked Potentials can be detected along with corresponding brain e.m. waves as manifestations of functional consciousness activity Fig 1. An underground international cooperation has developed Calamai's initial work, maturing technologies that today are capable of performing diagnostics and treatments. Numerous research groups have worked on the nature and sources of these brain waves, including the group led by Vescovi Pizzi, and Degli Antoni from the Department of Computer Science at Milan [1], Petri with its Neural Networks, Koroktov from St. Petersburg with the development of Kirlian, and V. Nesterov who, as Calamai states, has humanized his primitive algorithms into diagnostic manifestations, that connect various organs down to DNA with corresponding brain activations highlighted by Calamai 40 years ago.

An electrical system, well beyond the fundamental systems ECG, EEG, and EMG, seems to flow synergistically with the nervous system in the human body along those circuits, that Eastern traditions had identified as Meridians and Nadis, which have been studied theoretically in a recent work by Vitiello Brithz and colleagues [2], following the pioneering works of the German engineer Reinold Voll that have recently been revisited in a review by the Scalia and Valenzi Group [3].

The origin of these biological electromagnetic fields has been extensively studied at the Crimean Magnetobiology Center by Natalia Temuriansky, and in the last 20 years by Allan Widom and colleagues, who in a paper published in the International Journal of Quantum Chemistry explained with numbers how a biological wireless system can exist and how it can orient homeostatic processes along the body's electrical circuits similar to superconductive systems that are regulated by the Josephson effect, as he has elaborated more extensively in a posthumous paper currently in press [3-4].

The contribution of Giuliano Preparata and Emilio Del Giudice with their School has enlightened us on how variations in coherent states in both inanimate and animate matter, can be influenced not only by high and low intensity electromagnetic fields, but also by the Vector Potential, which, without transporting energy but only information, can vary the phase of present coherent systems with superconductive or resistive electrical implications [5]. This conditions the life and efficiency of powered systems (from the heart to the brain, to the television remote control), just as it does in traditional electrical appliances from remote controls to old tape recorders.

If theoretical, experimental, and technological developments in the last forty years have made great strides, thanks to the contributions of leaders like Brian Josephson, Jacques Benveniste, Luc Montagnier [7], Edward Trukan [8], Mikhail Zhadin, and John Eccles, there remains an objective difficulty in interpreting how these electromagnetic and quantum phenomena interfere and regulate biochemical and biological processes. This fact brings us back to the necessity of a superior interdisciplinary quantum chemical effort, essential for deciphering and implementing the industrial and agri-food processes that see us as victims of rampant industrial development with its multiple allergic variants that are easy to decipher and predict in some ways, such as for celiacs and lactose, and far more widespread and enigmatic pseudo-allergies that erode the quality of industrial products from wines to foods, from cosmetics to textiles, till drug [9-10-11] leading to the rampant development of allergies and pseudoallergies that threaten the quality of life and the health of the populations themselves.

References

- [1] Rita Pizzi, Andrea Fantasia, Fabrizio Gelain, Danilo Rossetti, Angelo Vescovi: *Nonlocal correlations between separated neural networks*.
https://scholar.google.com/citations?view_op=view_citation&hl=it&user=QR8Yay4AAAAJ&citation_for_view=QR8Yay4AAAAJ:u5HHmVD_uO8C
- [2] Larissa Brizhik, Enrico Chiappini, Patrizia Stefanini, Giuseppe Vitiello: Modeling Meridians Within the Quantum Field Theory. <https://doi.org/10.1016/j.jams.2018.06.009>
- [3] M. Scalia, P. Avino, M. Sperini, V. Viccaro, A. Pisani, V.I. Valenzi: “Some Observations on the role of water states for biological and therapeutic effects”. *Innovative Biosystems and Bioengineering*, vol. 2, no. 3, 149–162, 2018
<http://ibb.kpi.ua/article/view/140255>
- [4] Allan Widom, Yogi Srivastava, Vincenzo Valenzi: *The Biophysical Basis of Water Memory*. *International Journal of Quantum Chemistry* (Wiley and Sons), Published on line May 19, 2009[DOI: 22140]
<https://onlinelibrary.wiley.com/doi/abs/10.1002/qua.22140>
- [5] Allan Widom, Jhon Swain, V.I. Valenzi: *Extremely Low Frequency Ion Cyclotron Resonances on the Surface Boundaries of Coherent Water Domains*. XIV International Conference "Space and Biosphere" (Space and Biosphere 2021) IOP Conf. Series: Earth and Environmental Science 853 (2021) 012024 IOP Publishing doi:10.1088/1755-1315/853/1/012024 https://www.iimb.me/files/Widom_2021_IOP_Conf_Ser_Earth_Environ_Sci_853_012024.pdf
- [6] 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 <https://www.uniglobus.it/files/01-centro-studi-biometeorologia.pdf>
- [7] Luc MONTAGNIER, Jamal AÏSSA Stéphane FERRIS1Jean-Luc MONTAGNIER1, Claude LAVALL . *Electromagnetic Signals Are Produced by Aqueous Nanostructures derived from Bacterial DNA Sequences* *Interdiscip Sci Comput Life Sci* (2009)DOI: 10.1007/s12539-009-0036-7
- [8] INFLUENCE OF A VECTOR POTENTIAL ON A HIV REPRODUCTION IN T-LYMPHOCYTES IN VITRO by Pokidysheva L.N., Trukhan E.M., Titova I.V., Miller G.G. presented by Edward Trukan in Yalta in 2008
- [9] Lazarou et al. *On side effect of drug*. *JAMA*1998; 279:1200–1205
- [10] V. I. Valenzi, V. Berezovsky, A. Pisani, Marashi, P. Avino, M.V. Russo, M. Sperini, M. Scalia: “Climate and Health Safety: between meteoropaties, multiple chemical sensitivity and climatotherapy”; V International Scientific Practical Conference "Technogenic and environmental safety" SAFETY-2019, April 24 2019 Saratov, Russia.
- [11] V.I Valenzi e alt. On the Enigma of Human Intelligence and its regulation in Psychon Eccles Teory and in Chakra
<https://www.cimb.me/files/ON-ENIGMA-OF-HUMAN-INTELLIGENCE.pdf>
- others materials <https://www.cimb.me/materiali.htm>

oi leggerme un nepilogo.

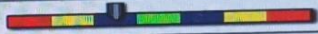

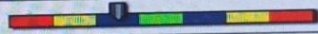
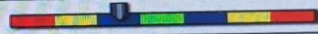



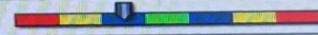









(Human Consciousness Level) Analysis Report Card

Name: BART FRANCO
Figure: 174cm, 90kg


Sex: Male


Age: 68
Testing Time: 17/11/2024 18:43


Actual Testing Results

Testing Item	Normal Range	Actual Measurement Value	Testing Result
Shame	2.214 - 3.925	1.443	
Guilt	2.154 - 3.478	2.653	
Apathy	2.343 - 4.089	1.742	
Grief	1.845 - 3.241	1.61	
Fear	2.155 - 4.031	1.358	
Desire	1.484 - 2.485	2.088	
Anger	1.256 - 2.529	2.029	
Pride	1.378 - 2.489	1.121	
Courage	1.727 - 3.315	1.984	
Neutrality	2.471 - 3.892	3.571	
Willingness	2.216 - 4.094	1.806	
Acceptance	1.668 - 4.053	1.187	
Reason	1.352 - 3.436	1.508	
Love	2.138 - 3.754	2.119	
Joy	2.129 - 4.021	3.404	
Peace	2.243 - 4.022	2.101	
Enlightenment	2.225 - 3.822	2.311	

Reference Standard:

 Normal(-)

 Moderately Abnormal(++)

 Mildly Abnormal(+)

 Severely Abnormal(+++)

States of consciousness measured with CALAMAI DEVICE QRMA