

**San Petersburg 3-4 October 2024**

**IX International Congress**

“Low and super-low fields and radiation in biology and medicine”.

<https://www.agrophys.ru/en/node/630>

## **Some Observations and Consideration on a Quantum Chemistry approach to Personalized Therapy**

Vincenzo I. Valenzi, Luigi Campanella, Pasquale Avino, Odoardo M. Calamai, Madan Thangavelu

BEM Section CIRPS <https://www.cirps.it/en/bem-section/> <https://www.cimb.me/dipartimenti.html>

Department of Chemistry Rome University “La Sapienza”

Chair of Analytical Chemistry Molise University

LNF-INFN Frascati

Mind Matter Unification Project Cambridge University <https://www.tcm.phy.cam.ac.uk/~bdj10/mm/top.html>

### **Abstract**

In the last 60 years many scientists developed technologies and models that could help us to overcome drug and BAS resistance easily with the choice of drug based on superconductive coherent effect measurable directly with Ohm device, Kinesiology-dynamometry, Biomagnetic sensor, that inform us that human body seems an electric system that governs physiopathological and therapeutic processes in all organs and Systems, beyond ECG, EEG and EMG, like all other electrical and electronic utilities (1-2)

A large and long LOOK and SEE has been made in the last 25 years starting with the researches in Military area in Rome in 1999-2000 discussed in the frame of Seminar of Giuliano Preparata on The role of Quantum Electrodynamics in Medicina (3),

Highlighting great progress in the treatment of acute and chronic diseases from fractures to surgical wounds, acute and chronic osteoarticular pain, acute and chronic cardiovascular and respiratory disorders, up to vertiginous disorders and diplopia vision, with interesting results on asthenic and depressive states. A new line of care and rehabilitation that operates in the bioelectromagnetic and quantum chemistry regulation of systems and organs (see here some cases reported on <https://www.cimb.me/casi-clinici.html> and also in the Lugano Conference on Benveniste Archive by Mario Tiengo, [http://www.siaecm.org/dolore/17\\_03\\_10\\_M\\_TIENGO\\_Dolore\\_Percezione\\_del\\_.htm](http://www.siaecm.org/dolore/17_03_10_M_TIENGO_Dolore_Percezione_del_.htm) Luc Montagnier, and others (4-5) .

A great enigma surrounds these strange non-linear phenomena, from high dilutions to weak and ultra-weak electromagnetic fields, up to the remote interactions that characterize, among other things, transdermal therapies far from the minimum effective concentrations of drugs provided for by pharmacokinetics.

To clear these enigmas Allan Widom ten years ago, introduced the BENVENISTE MONTAGNIER EFFECT, a biological manifestation of the Aharonov-Bohm effect. Two works by Widom et al. in recent years have placed the subject of molecular signalling and biological memories on a solid scientific basis, but as can be read in the conclusions of Widom's latest article of Widom et al. That show as a lot of work needs to be done again

In this line of R&D in the last 20 years new developments in biotechnologies inspired by physicist Odoardo M. Calamai in aerospace research, produced some giant innovations in diagnostics and therapy between others we have the fourth generation of Technologies :

---

1) Quantum Resonance Magnetic Analyzer to collect the weak magnetic field of human cells for biochemical analysis, thereby analyzing and determining the tested person's health status and main problems and putting forward standard nutritional and prevention recommendations

2) Non linear diagnostics and Coherent therapy that integrate with pharmacoelectrodynamics and some psychoenergetics approach using Indian technics on the Mind Brain Body Axis, are able to improve therapy of main part of internal diseases, in pre-surgery and some cases delay or avoid surgery.

Matter for strategic interest for public Health, that suggest a higher attention to basic researches in Anatomophysiology, Electrophysiology, Quantum Chemistry and large and deep controlled RCT studies, in order to verified and make available to the Governments, Medical Community and Patients these advances, in line with the ECOLOGICAL TRANSITION ALSO IN MEDICAL CARE, victims of friendly fire of drug and air pollution (8-9 o) of the gigantic advances of industrialization and in particular drug that must be personalized in a coherent way.

## References

1. **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>
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. **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>
4. **Luc MONTAGNIER, Jamal ÄISSA Stéphanie 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
5. 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
6. **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> .
7. **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](https://www.iimb.me/files/Widom_2021_IOP_Conf_Ser_Earth_Environ_Sci_853_012024.pdf)
8. **Lazarou et al.** *On side effect of drug.* *JAMA*1998; 279:1200–1205
9. **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.
10. **others materials** <https://www.cimb.me/materiali.htm>  
<https://www.iimb.me/coherence-21-22-23-24.html>