

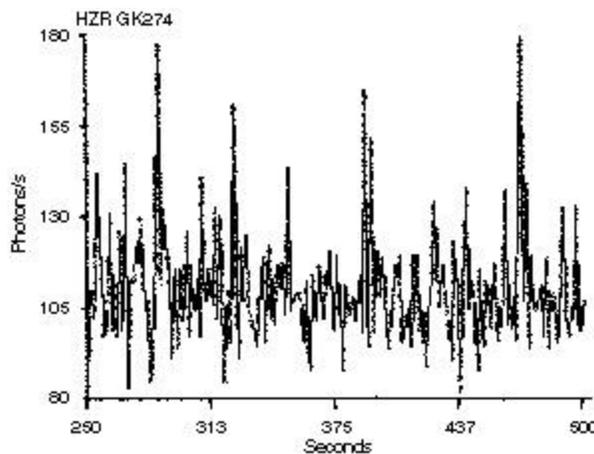
Scientists Replicate Mitogenetic Radiation

by Jonathan Tennenbaum

A heated debate recently erupted among biologists and physicists at Moscow State University, about a series of experiments by A.B. Burlakov and his collaborators, demonstrating nonlinear interactions between living organisms, ostensibly mediated by electromagnetic radiation alone. The results of the experiments were so striking and unexpected to many of the Moscow biologists, that they were initially dismissed as 'impossible.' A number of the skeptics tried the experiments themselves, and were astonished to find exactly the effects reported by Burlakov et al.

In fact, back in the 1920s, the famous Russian biophysicist Alexander Gurwitsch had already established beyond any reasonable doubt, that living cells and tissues generate an extremely weak, yet biologically active, form of electromagnetic radiation, in particular in the ultraviolet range; and that the presence of this radiation is somehow intimately connected with the nature of living processes themselves.

Gurwitsch was led to his experimental demonstration of what he called "mitogenetic radiation" in a lawful and rigorous way, as a by-product of his attempts to hypothesize a universal biophysical principle, the which (among other things) would encompass the paradoxical, but otherwise undeniable correlations between events of cell division (mitosis) and other events occurring in widely separated locations within a living organism.



*Doing the impossible:
Shown here is the low-level luminescence of cucumber seedlings, in photons per second, observed in the laboratory of Fritz Popp, between 250 and 500 seconds in the course of time.*

Source: Fritz Popp, 1985.
'Principles of Quantum Biology As Demonstrated by Ultraweak Photon Emission from Living Cells,' International Journal of Fusion Energy, Vol. 3, No. 4 (Oct.).

Gurwitsch's work, like that of his great Ukrainian-Russian scientific contemporary Vernadsky, was a direct outgrowth of the work of Louis Pasteur, and ultimately of Kepler and Leibniz. Exactly for that reason, it was systematically suppressed; both in the West—where the Rockefeller Foundation directly targetted Gurwitsch's and related work from the late 1920s on, as a threat to its promotion of reductionist "molecular biology"—and, to a somewhat lesser extent, in the Soviet Union itself.

The oligarchical effort to shut down Gurwitsch, and other branches of the

Leibnizian/Pasteurian thrust in biology and medicine in particular, went hand-in-hand with the promotion of fascist eugenics policies, both in the crude form of the Harriman-sponsored Nazi "race hygiene," and the retooled, purportedly more "objective" and "scientific" version, now being propagated under the cover of the "human genome project" and the marriage of molecular biology with the doctrines of information theory and so-called "computer science." In fact, there has been no interruption in two centuries of British-centered efforts to use "biological theories" as a prime vehicle for propagating fascist doctrines, policies, and movements. The swindle of "artificial intelligence" and the now-booming pseudo-scientific discipline of "artificial life," amount to the same thing: the attempt to eliminate human cognition, to eliminate the concept of Man in the living image of God, and to propagate a bestial concept of society. . . .

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Biophoton emission is a general phenomenon of living systems. It concerns a weak photon radiation from a few to some hundred photons per second, per square centimeter surface area, at least within the spectral region from 200 to 800 nm. The results indicate that biophoton emission can be assigned to a coherent field within living organisms, its functions being intra and intercellular regulation and communication. This review deals with some central results and their interpretation.

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