

# Nobel Prize Winner Discovers Quantum Field Effect of DNA

*Adding to the evidence base behind the NES Health Imprinting process*



*For centuries the door between conventional and frontier science has been closed, with each group of researchers isolated in their own domains, working with radically different models of biology and physics. The conventional domain focused on matter and biochemical processes. The frontier domain focused on energy and information fields. We at NES are happy to report that the door finally has been kicked wide open—and frontier scientists everywhere have reason to celebrate. The ‘ghostly’ energetic and informational signals of matter have been detected in a conventional laboratory—and conventional scientists are in an uproar as their beliefs and paradigms are being shaken to their very foundations.*

Over the last decade or more, NES research has championed the idea that reality is wave-based, that fields of energy and information underlie all matter, and that substances such as water and minerals can be encoded with field signals from matter that can be used by the body-field to correct distortions in the field and so enhance the body’s own self-healing capacities. We have been patiently awaiting the day when conventional scientists try their own experiments—and now they have.

## THE EXPERIMENT HEARD ‘ROUND THE WORLD’

What’s the experiment that has so many scientists in such an uproar? It was carried out by Nobel Prize-winning biologist Luc Montagnier and reported on in New Scientist (12 January 2011) and the popular press. Although Montagnier has not released details yet, and he is waiting to do so until his paper is accepted for publication in a juried academic journal, the gist of his work has been widely described and his conclusions are the subject of intense debate and scepticism. He claims that he and his colleagues have been able to ‘transmit’ the signature of DNA into water and that the electromagnetic imprint of the DNA molecule was detected by enzymes that were able to use it to replicate the DNA just as if they had been in contact with the real molecule.

Specifically, in one test tube Montagnier suspended a sample of DNA in liquid and then diluted it twelve times. In another test tube he put only purified water. The test tubes were then

subjected to a very weak extremely-low frequency electromagnetic field of 7 hz (similar to the natural frequency of the earth’s magnetic field) from a copper coil and left for eighteen hours. After the procedure, the energetic signature of the DNA was somehow ‘transmitted’ or its information ‘imprinted’ onto the pure water in the other test tube. Later, enzymes were able to use that electromagnetic signature to reconstruct the DNA. Montagnier claims that the only explanation for such information transfer is a quantum coherence effect.

It’s important to note that the effect was not found to work at high dilutions, so this experiment does not lend wholesale support to homeopathy, which tends to use extremely high dilutions. However, the experiment does lend credence to earlier experiments done by French researcher Jacques Benveniste, who showed how water can be imprinted with information from a substance, such that water appears to have a ‘memory’. His work was roundly dismissed by conventional science. In fact, Benveniste was hounded out of his laboratory and his reputation ruined. He died without his work being vindicated. It remains to be seen if Montagnier’s work will provide that vindication, as conventional scientists are raising a storm of scepticism about Montagnier’s experiment as well. Scientists say they will have to see replications by others and read the details of Montagnier’s experiment when they are published before they are willing to lend credence to his claims.

## MONTAGNIER'S BODY OF WORK

Professor Luc Montagnier is a French virologist and joint recipient with Françoise Barré-Sinoussi and Harald zur Hausen of the 2008 Nobel Prize in Physiology or Medicine for his discovery of the human immunodeficiency virus (HIV) and its link to acquired immune deficiency syndrome (AIDS). Despite his scientific pedigree, however, he is the subject of controversy because of claims he has been unprofessional in the past in sharing the credit for his team's HIV discoveries and that he might have even been unethical in his dealings with a colleague who developed technology to read the electromagnetic signals from matter.

Montagnier has been moving outside of the domain of conventional science slowly over the years. He has shifted from conventional biology to working in the area of 'field' biology investigating the electromagnetic properties of organisms and how these fields may be involved in health and in disease processes. In a previous paper published in 2009 entitled 'Electromagnetic signals are produced by aqueous nanostructures derived from bacterial DNA sequences', Montagnier and his colleague Lavalée made the observation that under certain conditions biological fluids containing microorganisms can cause infection even after they have undergone a procedure designed to kill the microorganisms themselves. In other words, some kind of energetic signature appears to have remained in the fluid that is active biologically. He discovered in his investigation of the sterilized solutions that if they were diluted and agitated in a specific way, they emitted reproducible low-frequency electromagnetic waves referred to as electromagnetic signals (EMS). It has been suggested that by the process of diluting and agitating the solution, new tiny 'structures' (ordered patterns within the fluid) are created by an interaction between the original biological material and the water it is mixed with. As the bacteria had been killed in the sterilisation process, it was assumed that the signal was being generated by the DNA molecules present in the solution. Montagnier also found that DNA fragments from most disease-causing bacteria were able to generate these electromagnetic signals. Interestingly, in this study, EMS only occurred when the sample could interact with 'background' electromagnetic waves given off by the measuring apparatus, suggesting that the EMS might be triggered by resonating with this electromagnetic 'background noise'. The team carried out further experiments showing that EMS (fields) are produced

by the human body. DNA was isolated from blood plasma taken from patients with various diseases. Results showed that both the plasma and the extracted DNA produced similar EMS. This effect was seen in samples taken from patients suffering from Alzheimer's disease, Parkinson's disease, multiple sclerosis and rheumatoid arthritis. The authors suggest that the EMS effect indicates the likelihood that bacterial infections may be at the root of these conditions (although it is also possible that the structural and biochemical changes seen with these conditions could somehow be altering the fields being emitted from the body).

NES theory, of course, has always maintained that the physical body is interdependent with an energetic body—the human body-field—and that symptoms and diseases arise as a result of uncorrected distortions in the energy and information fields that comprise the body-field. We have always maintained that DNA is not the master control system of the physical body—the body-field is. And that the body-field communicates with the physical body via quantum field effects. Some of what Montagnier's experiments have shown sounds a lot like the NES Energetic Integrators! While the devil is in the details, as they say, the bottom line is that Montagnier's previous experiments—and now his most recent one—appear to provide solid general evidence in support of NES theory.

## THE MOST RECENT EXPERIMENT CAUSES AN UPROAR

The phenomenon was very loosely described as 'teleportation' in the New Scientist article, however the experimental data suggested that the information from the molecule was imprinted across space rather than simply moving from one place to another. In fact physicists in Montagnier's team suggest that DNA emits low-frequency electromagnetic waves which imprint the structure of the molecule onto the water.

This is comparable with Peter Fraser's theory of imprinting across space via the 'matching' process. A process which also requires the presence of an electromagnetic field and the addition of kinetic energy.

### To read more:

<http://www.newscientist.com/articleimages/mg20927952.900/1-s-corn-over-claim-of-teleported-dna.htmlor:>

or [http://arxiv.org/PS\\_cache/arxiv/pdf/1012/1012.5166v1.pdf](http://arxiv.org/PS_cache/arxiv/pdf/1012/1012.5166v1.pdf)

## CONCLUSIONS:

In the abstract of the 2009 paper, the authors speculate on the possibility of 'the development of highly sensitive detection system for chronic bacterial infections in human and animal diseases'. At NES Health we love this idea – we have been working with a system for detecting distortions in the body's fields for a long time now –not on bacterial and viral infections, but to assess the state of the whole person. We call it NES Provision and coming soon - the NES miHealth.

It is an exciting time to be involved in energy/informational medicine, and we look forward to many more of these fundamental studies being carried out and repeated by others. In an interview for Science magazine 2009, Montagnier was asked whether or not his colleagues would think that he had now drifted into pseudoscience? He replied adamantly: "No, because it's not pseudoscience. It's not quackery. These are real phenomena which deserve further study". Here, here. Further study (and indeed better funding for this type of study) is exactly what we need to move this science forward.

## FINALLY TO QUOTE NEW SCIENTIST:

"If the results are correct," says theoretical chemist Jeff Reimers of the University of Sydney, Australia, "these would be the most significant experiments performed in the past 90 years, demanding re-evaluation of the whole conceptual framework of modern chemistry."

**Indeed!**

## SOURCES / FURTHER READING:

John E Dunn | Techworld | Published: 15:56 GMT, 13 January 11

<http://news.techworld.com/personal-tech/3256631/dna-molecules-can-teleport-nobel-prize-winner-claims/>

<http://www.newscientist.com/article/mg20927952.900-scorn-over-claim-of-teleported-dna.html?>

<http://www.newscientist.com/article/mg20927951.900-why-we-have-to-teleport-disbelief.html>

[http://en.wikipedia.org/wiki/Luc\\_Montagnier](http://en.wikipedia.org/wiki/Luc_Montagnier)

<http://www.i-sis.org.uk/electromagneticSignalsFromHIV.ph>

Luc Montagnier et al 'Electromagnetic signals are produced by aqueous nanostructures derived from bacterial DNA sequences'. Interdiscip Sci Comput Life Sci, 2009

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