Carnicom Institute Research

2023

Acknowledgements

Mission Statement

Carnicom Institute is a non-profit organization working solely for the benefit of humanity. Our goal is to provide the public with beneficial and responsible information through scientific, educational, environmental, and health research for the public welfare. The Institute has devoted significant effort to the important issues of geoengineering and bioengineering.

Disclaimer

The Carnicom Institute is a non-profit health and environmental educational and research organization serving the public welfare. CI is not a clinic and does not perform any medical diagnosis, medical treatment, or prescription of therapy. We do not advocate any proprietary products, protocols, or therapies. All studies conducted by the Institute are for research purposes only. Our purpose is to provide information and education to the public.

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Altered Blood Research – Interview of Clifford Carnicom by Harry Blazer

carnicominstitute.org/altered-blood-research-interview-of-clifford-carnicom-by-harry-blazer-jan-2023/

Altered Blood Research – Interview of Clifford Carnicom by Harry Blazer

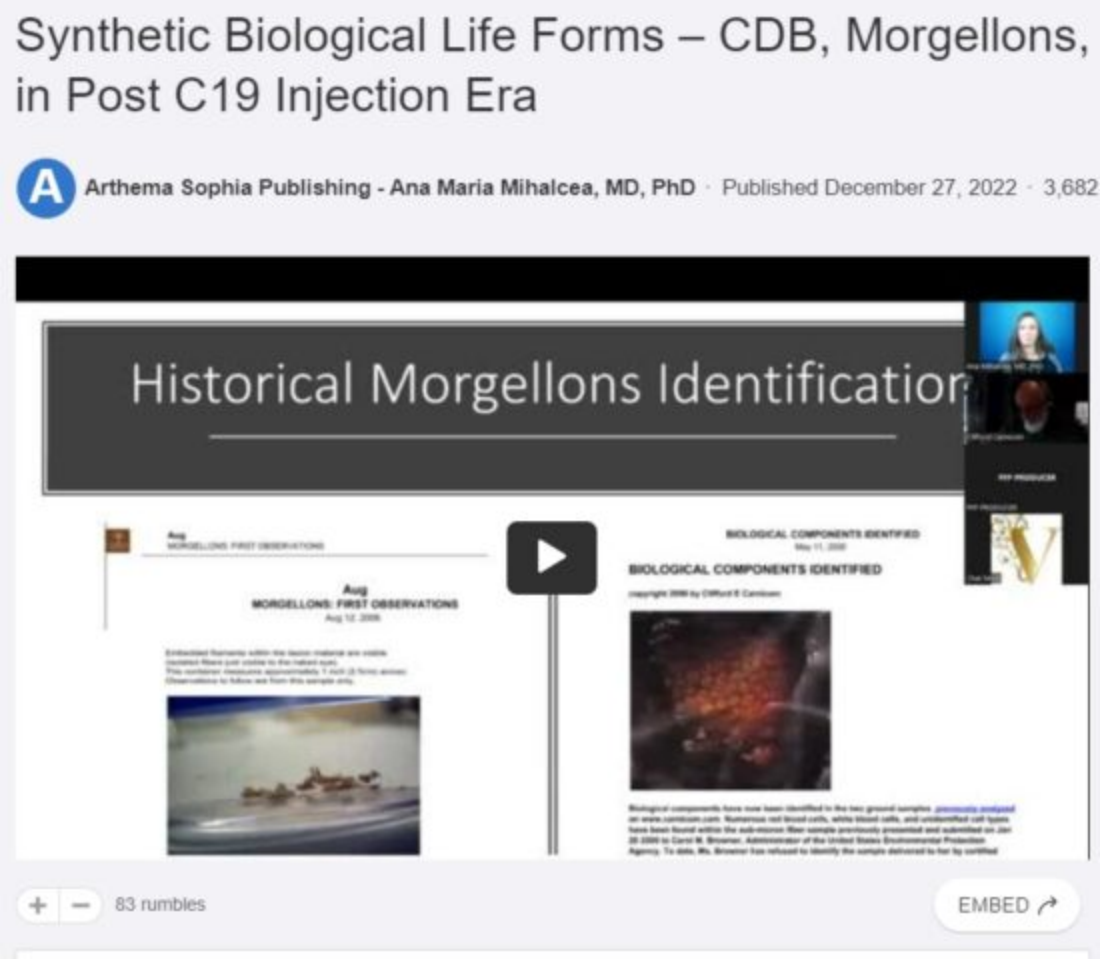
Altered Blood Research – Interview of Clifford Carnicom by Harry Blazer

Interview conducted Nov 2022.
Interview posted on Jan 11 2023.

Interview with Dr. Ana Mihalcea, MD, PhD.

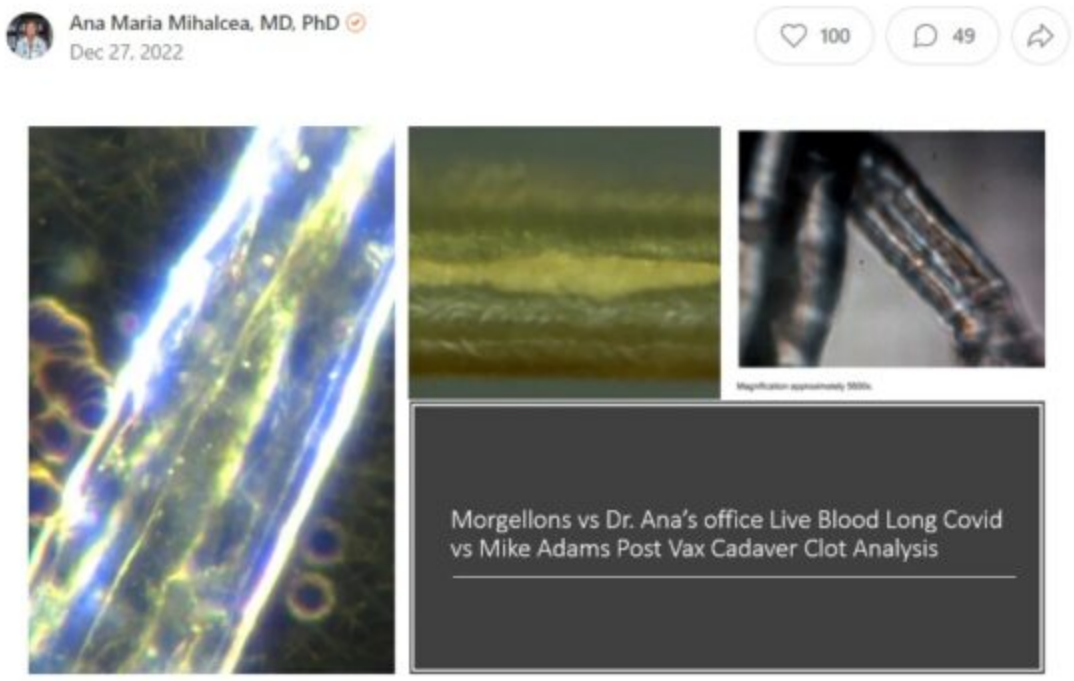
carnicominstitute.org/interview-with-dr-ana-mihalcea-mdphd-dec-2022/

Dr. Ana Mihalcea, MD, PhD. interviewed Clifford Carnicom of the Carnicom Institute. The record of the interview is available below:



Dr. Ana Mihalcia Interviews Clifford E Carnicom, Carnicom Institute, Dec 2022 – Video

Synthetic Biological Life Forms – Cross Domain Bacteria, Morgellons, and Correlation to Current Live Blood Findings in Post C19 Injection Era - My Conversation with Clifford Carnicom



Dr. Ana Mihalcia Interviews Clifford E Carnicom, Carnicom Institute, Dec 2022 – Article

This interview was conducted on Dec 26 2022.

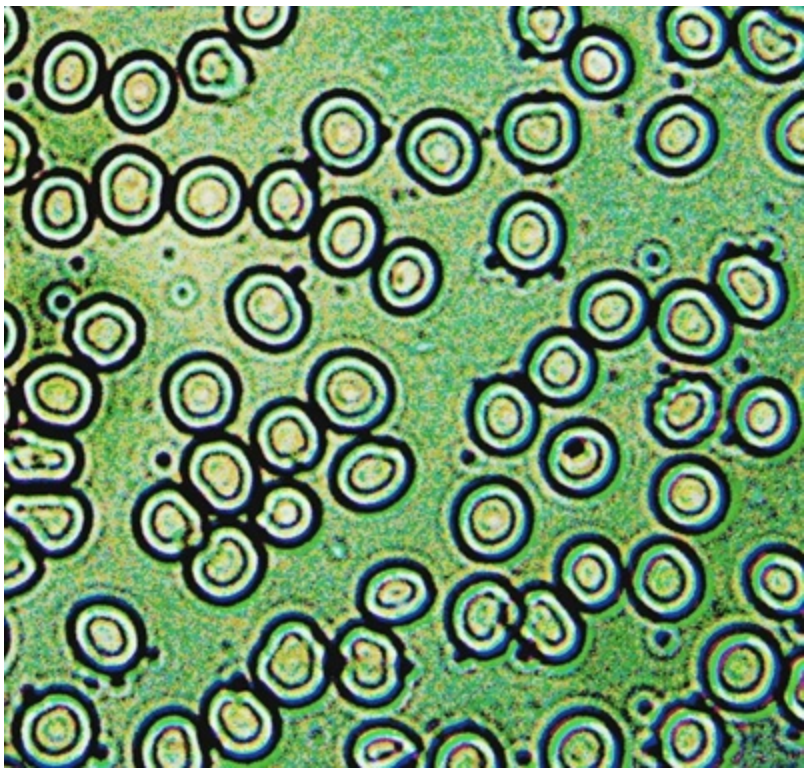
Clifford E Carnicom
Jan 04 2023

Born Clifford Bruce Stewart, Jan 19 1953

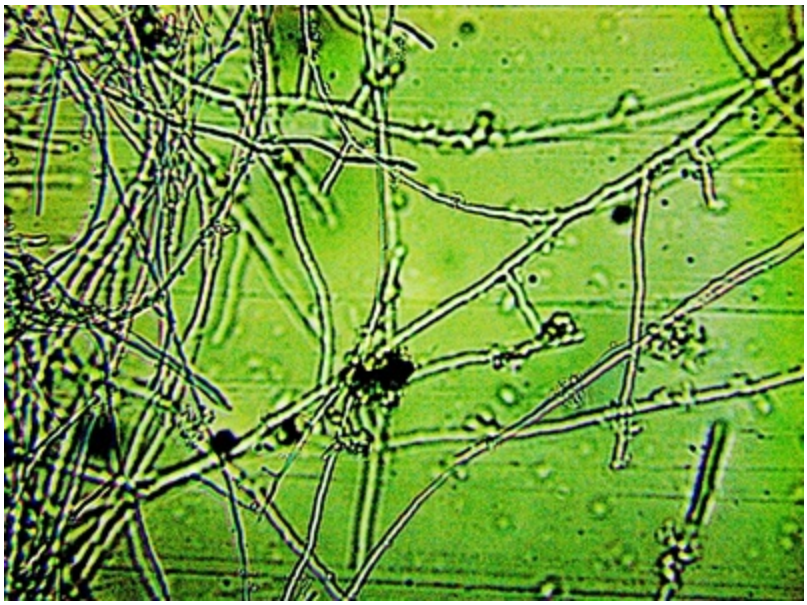
Blood Research : Dr Ana Mihalcea MD, PhD with Carnicom Institute

carnicominstitute.org/blood-research-dr-ana-mihalcea-md-with-carnicom-institute/

Unvaccinated Blood:
Recurrent New Proof of (CDB) Filaments Growing
Under Exposure of Extremely Low Electrical Currents:
Ana Maria Mihalcea, MD, PhD in conjunction with Clifford Carnicom



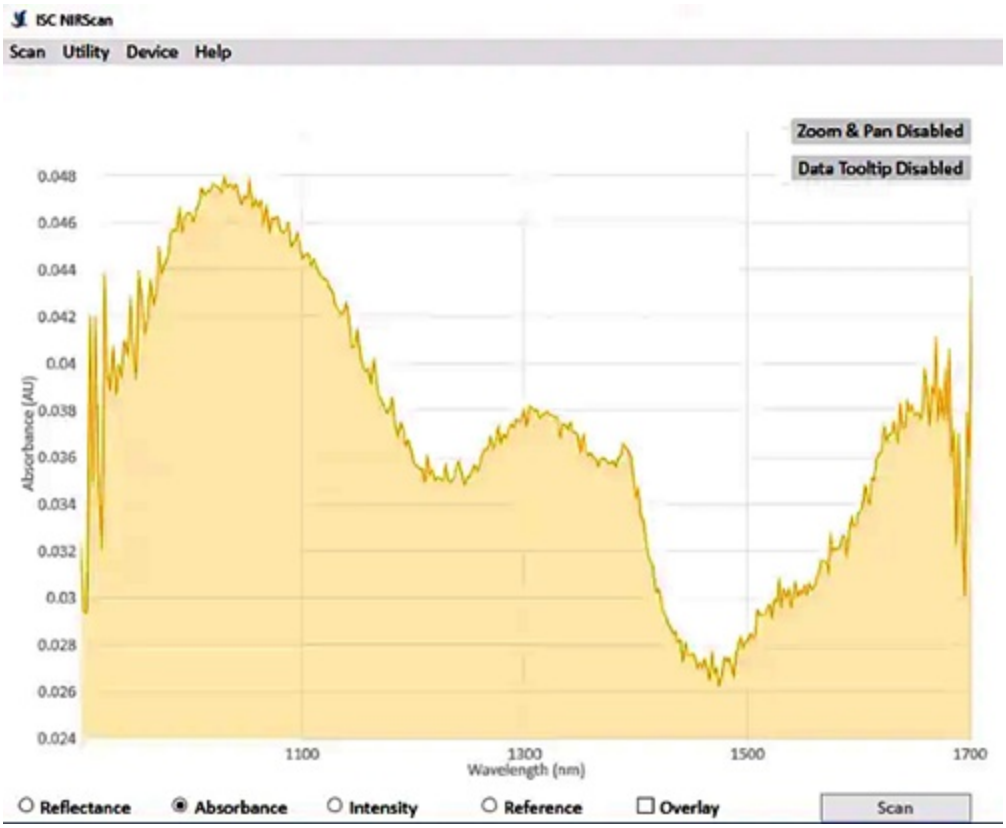
Link to article here



Blood Comparisons : Dr. Ana Mihalcea MD, PhD with Carnicom Institute

carnicominstitute.org/blood-comparisons-ana-mihalcea-md-phd-w-carnicom-institute/

Unvaccinated vs Vaccinated Blood Comparison
Infrared Spectroscopy and Electrical Conductivity Studies
Ana Mihalcea, MD, PhD In Conjunction with Clifford Carnicom



Link to Article

Infrared Spectroscopy Unvaccinated

History of mild to moderate Covid, no long Covid, N=5

Nanometer Peaks	Associated Chemical Groups
934nm	CH, ROH
1386nm	CH3, ArOH
1524nm	RNH2

1 out of 5 samples had a very weak peak of 1648 nm which is why we describe it as a secondary result

History of severe Covid with respiratory failure and long Covid, N=1

Nanometer Peaks	Associated Chemical Groups
1315nm	SH bond
1100nm	ArCH
1648nm	ArCH
1386nm	CH3, ArOH
1035nm	RNH2

CH = carbon hydrogen bond. ROH= hydroxyl group. CH3= methyl group, ArOH= aromatic alcohol, RNH2=monoamine. SH=disulfide bond. ArCH=aromatic ring with carbon hydrogen

Carnicom Institute : Mirror Sites Available

carnicominstitute.org/carnicom-institute-mirror-sites-available/

Carnicom Institute : Mirror Sites Available

Two mirror sites for Carnicom Institute research are now available. The first is located at:

Carnicom Institute Mirror Site – First Mirror Site

https://carnicominstitute2.org/

The second one is located at:

Carnicom Institute Mirror Site – Second Mirror Site

https://mirror.carnicom.com/

Additional Note:

The longevity of the Carnicom Institute website remains uncertain. It is recommended, as a minimum, that global users download and archive the primary research information of Carnicom Institute. This exists in PDF format and is located at:

CARNICOM INSTITUTE LIBRARY

DOWNLOAD PORTAL

https://library.carnicominstitute.org/

There should be no assumption made as to the future existence of the Carnicom Institute website. My opinion and assessment is that foresight and preparation should be extended to the next century. I have no confidence, for a variety of reasons, that the majority of the current population is aware of or comprehends the breadth of change that is in place. The future existence of life as we know it is not guaranteed. I would also be aware of the following statement that has been made within recent research papers:

"There is now a record of more than 400 research papers along with an estimated 5000 pages of laboratory notes that paints a completely consistent portrait of environmental and biological transformation of this planet. The record has been available for all to examine, repeat, refute or confirm. No formal process of those steps has taken place and we are left, together as a species, to frame our understanding of what has taken place and what shall take place in our future.

I am increasingly of a mindset that it will be left to future generations to determine if this retrospective will ever take place. It may or may not happen."

Altered Blood VI : Implications and Consequences (Oct 2022)

Appreciation is extended to those parties that have, over history, created Carnicom Institute mirror web sites. Currency of information is now in need on any CI mirror site. The development of additional CI mirror websites is eagerly encouraged and invited. A goal exists to have approximately a half dozen mirror sites operational in perpetuity across the

globe. Any reports of archiving the CI Library information from the download portal linked above, along with the location of your country, are also very helpful. Correspondence to that effect can be directed to [info@carnicominstitute.org].

Clifford E Carnicom
Feb 22, 2023

Born Clifford Bruce Stewart Jan 19 1953

Carnicom Institute : The Covid Connection

carnicominstitute.org/carnicom-institute-the-covid-connection/

Carnicom Institute : The Covid Connection

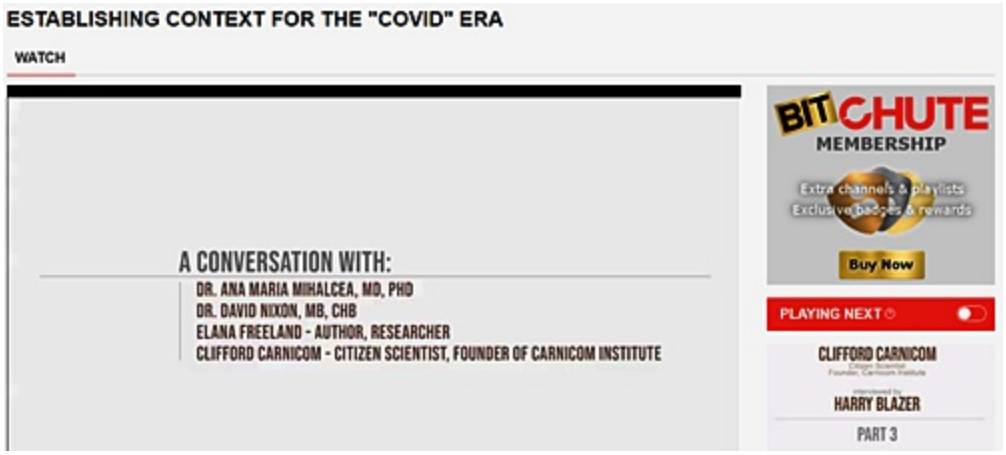
Link to Interview

Carnicom Institute : The Covid Connection

Carnicom Institute : Panel Discussion – Establishing Context for the “Covid” Era

carnicominstitute.org/carnicom-institute-panel-discussion-establishing-context-for-the-covid-era/

Carnicom Institute : Panel Discussion – Establishing Context for the “Covid” Era



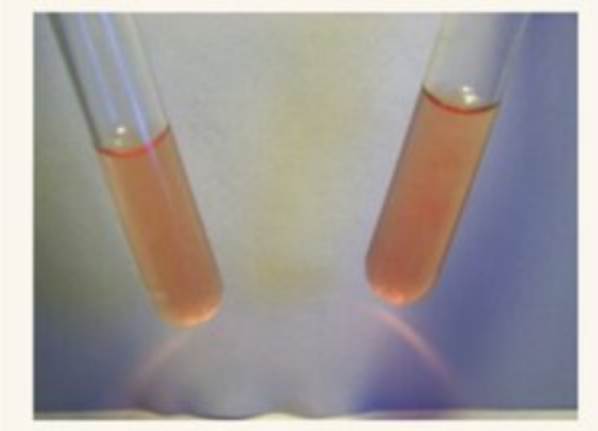
Link to Panel Discussion

Carnicom Institute : Panel Discussion – Establishing Context for the “Covid” Era

Evidence Of Impaired Electrical Blood Conductivity : Dr. Ana Mihalcea, MD, PhD with Carnicom Institute

carnicominstitute.org/evidence-of-impaired-electrical-blood-conductivity-dr-ana-mihalcea-md-phd-with-carnicom-institute/

Evidence Of Impaired Electrical Blood Conductivity, Iron Oxidation
and Reduced Oxygen Transport Capacity In The Post C19 Injection Era:
Ana Mihalcea, MD, PhD In Conjunction With Clifford Carnicom

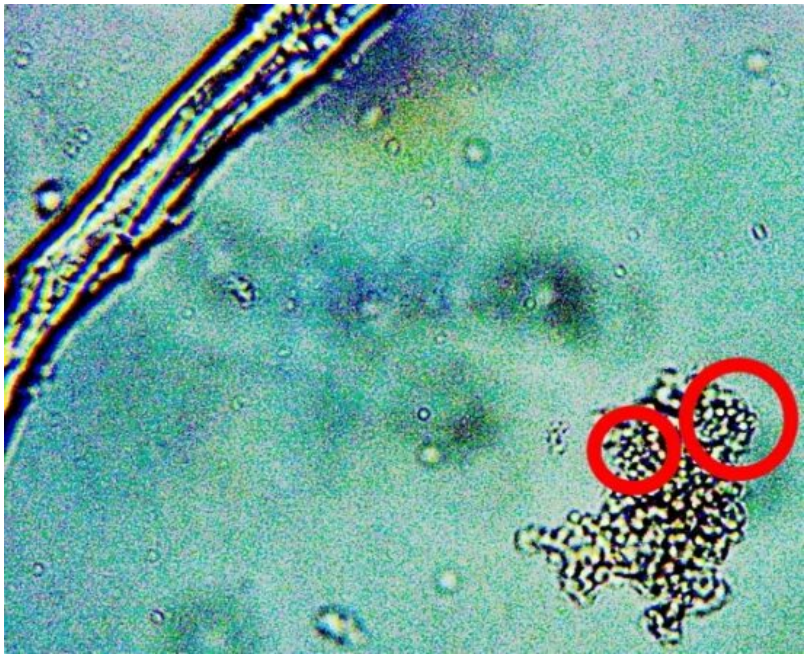


Link to Article Here

Replication of Electrical Transformation of Blood – Ana Mihalcea, MD, PhD in Conjunction with Clifford Carnicom

carnicominstitute.org/replication-of-electrical-transformation-of-blood/

Replication of Electrical Transformation of Unvaccinated Blood
Filament Growth Documented – CDB Extraction and Isolation
Ana Mihalcea, MD, PhD in Conjunction with Clifford Carnicom

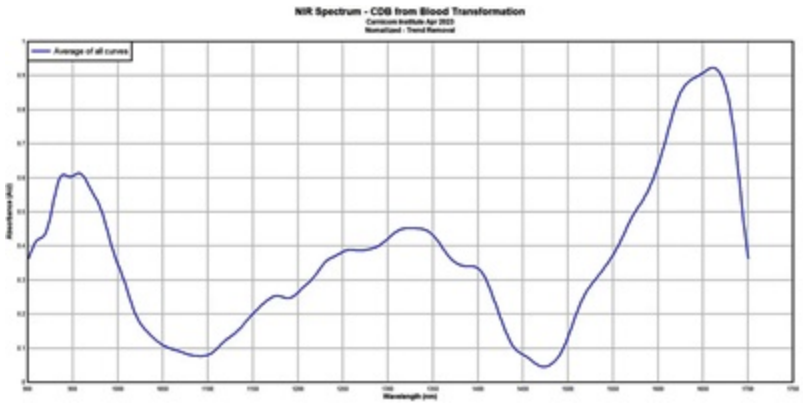


Link to Article

Anal sis Of Cross Domain Bacteria (CDB) Ana Mihalcea, MD, PhD In Conjunction With Clifford Carnicom

carnicominstitute.org/anal sis-of-cross-domain-bacteria-cdb-ana-mihalcea-md-phd-in-conjunction-with-clifford-carnicom/

Chemical Composition Anal sis Of S nthetic Biolog Cross Domain Bacteria (CDB) Ana Mihalcea, MD, PhD In Conjunction With Clifford Carnicom

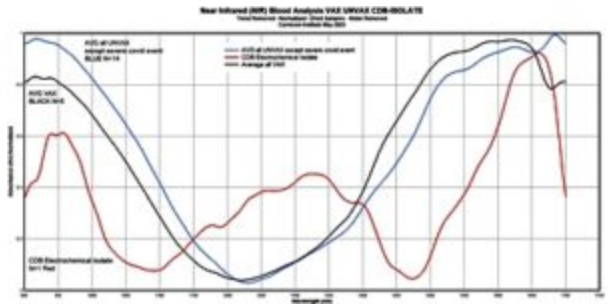


Link to Article

Cross Domain Bacteria (CDB) NIR Fingerprint Match Found In Human Blood – Ana Mihalcea, MD, PhD In Conjunction with Clifford Carnicom

carnicominstitute.org/cross-domain-bacteria-cdb-nir-fingerprint-match-found-in-human-blood-ana-mihalcea-md-phd-in-conjunction-with-clifford-carnicom/

Cross Domain Bacteria (CDB) NIR Fingerprint Match Found In Human Blood – Ana Mihalcea, MD, PhD In Conjunction with Clifford Carnicom

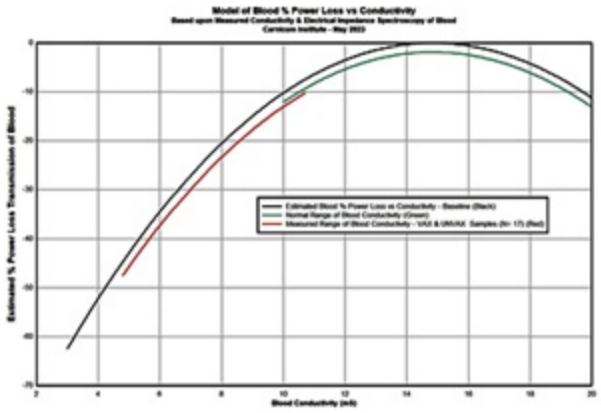


Link to Article

Blood Conductivity & Human Power Loss- Ana Mihalcea, MD, PhD and Clifford Carnicom

carnicominstitute.org/blood-conductivity-human-power-loss-ana-mihalcea-md-phd-and-clifford-carnicom/

Blood Conductivity & Human Power Loss- Ana Mihalcea, MD, PhD and Clifford Carnicom

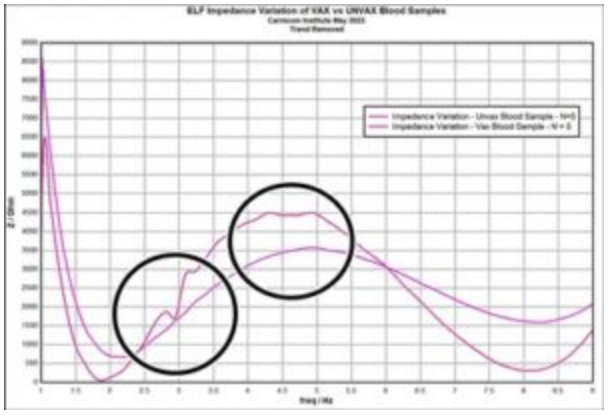


Link to Article

Prospective Difference Bet een C19 Vaccinated and Unvaccinated Blood Ana Mihalcea, MD, PhD and Clifford Carnicom

carnicominstitute.org/prospective-difference-between-c19-vaccinated-and-unvaccinated-blood-ana-mihalcea-md-phd-and-clifford-carnicom/

Prospective Difference Between C19 Vaccinated and Unvaccinated Blood Ana Mihalcea, MD, PhD and Clifford Carnicom



Link to Article

Blood Clot Anal sis: Pol meri ed Protein Part 1 of 3 Ana Mihalcea, MD, PhD and Clifford Carnicom

carnicominstitute.org/blood-clot-anal sis-from-living-deceased-individuals-a-rubber-like-pol meri ed-protein-ana-mihalcea-md-phd-and-clifford-carnicom/

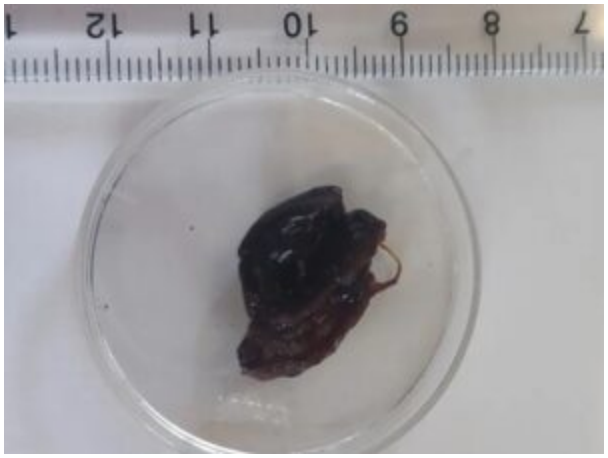
Blood Clot Anal sis: Pol meri ed Protein Part 1 of 3 Ana Mihalcea, MD, PhD and Cliffc Carnicom

Link to Article

Blood Clot Analysis From Living And Deceased Individuals w/ NIR – Part 2 of 3 – Ana Mihalcea, MD, PhD and Clifford Carnicom

carnicominstitute.org/blood-clot-analysis-from-living-and-deceased-individuals-w-nir-part-2-of-3-ana-mihalcea-md-phd-and-clifford-carnicom/

Blood Clot Analysis From Living And Deceased Individuals w/ NIR – Part 2 of 3 – Ana Mihalcea, MD, PhD and Clifford Carnicom



Link to Article

Blood Clot Anal sis Solubilit Testing Part 3 of 3 Ana Mihalcea With Clifford Carnicom

carnicominstitute.org/blood-clot-anal sis-solubilit -testing-part-3-of-3-dr-ana-mihalcea-with-clifford-carnicom/

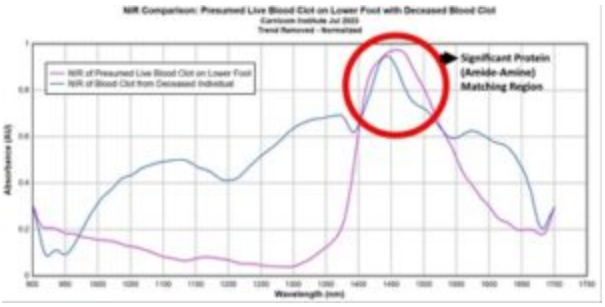
Blood Clot Anal sis Solubilit Testing Part 3 of 3 Dr. Ana Mihalcea With Clifford Carnicom

Link to Article

NIR Analysis Of Health Findings: Blood Clot Signatures Matched – Dr Ana Mihalcea and Clifford Carnicom

carnicominstitute.org/nir-analysis-of-health-findings-matching-chemical-blood-clot-signatures-dr-ana-mihalcea-and-clifford-carnicom/

NIR Analysis Of Health Findings: Blood Clot Signatures Matched – Dr Ana Mihalcea and Clifford Carnicom



Link to Article

The Source of Blood Coagulation: Cross Domain Bacteria (CDB)

carnicominstitute.org/the-source-of-blood-coagulation-cross-domain-bacteria-cdb/

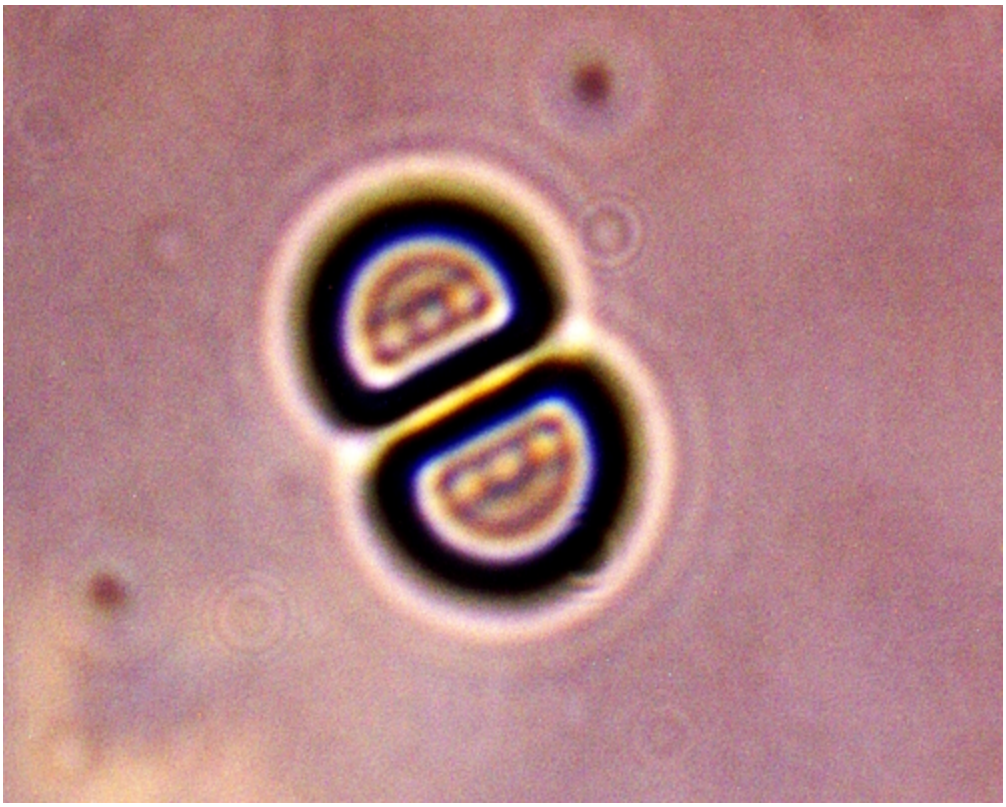
The Source of Blood Coagulation: The Cross Domain Bacteria (CDB)
Aug 26 2023
Clifford E Carnicom

The case can now be made that the primary mechanism causing the widespread increased coagulation of blood in the “Covid Era” is the Cross Domain Bacteria (CDB). This biological entity, synthetic or otherwise, is the subject of extensive inquiry at Carnicom Institute(CI) for many years.

This conclusion can be reached with the suitable use of microscopy alone. This paper will depend primarily on imagery to make the case, but it will also include some of the historical framework that helps to interpret the coagulation problem within the context of the *Covid Era*. The change and increase in coagulation/clotting appears to result from an apparent attractive force (i.e., electromagnetic, chemical, etc.) induced, aggravated or enhanced within blood that does show itself to correlate with the advent of the Covid Era.

There are two methods of microscopy that will be of complement to one another. The first is that of a traditional dried blood smear(assuming the method remains viable), and the second is with the use of live blood microscopy. In one case, the blood is static and dry. In the other case, the blood is fluid (at least initially). The historical impact, of the CDB upon blood, observed and documented now over decades, is an important aspect of the understanding before us. Undoubtedly, the Covid Era added another dimension to the earlier problems recorded, and this will also be discussed within this paper.

I will provide an image early in this paper so that the reader may have an intuitive perception as to where this discussion is leading. It will take some time to establish an understanding of what follows below. I leave it to the reader whether they wish to engage at the level required, but all of us may immediately have a sense of how remarkable but problematic the image below is.



Blood Cell Coagulation Mechanism with CDB
Original Magnification ~8000x

I hope that you will bear with me, however, as our future as a species most likely does depend upon our “engaging”.

We must start with what motivated this examination to begin with, and *when* it arose and *why*.

In August through October of 2022 a six-part research paper series was written that spans roughly a year and a half of work. The paper set deals primarily with extraordinary findings that involve the application of electrical energy to blood (unfortunately, the end result is lethal). Beyond the broader perspective afforded by those papers, the opening paper of the series is especially relevant here as it reports on unusual coagulation behavior of blood. So much so that making proper slides for the viewing of blood was difficult if not impossible. The paper series is available here.

The following statement was made in the summary at the opening of this first paper, entitled “Blood Aterations I : Coagulation“:

> “The coagulation factors appear to associate with the presence and effects of the “cross-domain” bacteria (CDB); a unique microbial life form identified and studied by Carnicom Institute over the last 25 years.”

One might question how that perception was reached at that stage of research, but suffice it to say that it came from the changes in blood slide preparation and blood observations at the time this paper was written. Proper dried blood slides could no longer be made. The primary change over the preceding three years was the entry of the *Covid Era*. ***The essential problems with blood remained squarely resulting from the CDB***, as they had for twenty years prior. but something new was now on the horizon. This change was, is, and remains centered on unknown influences from the Covid Era upon the human population.

And thus the question has remained :

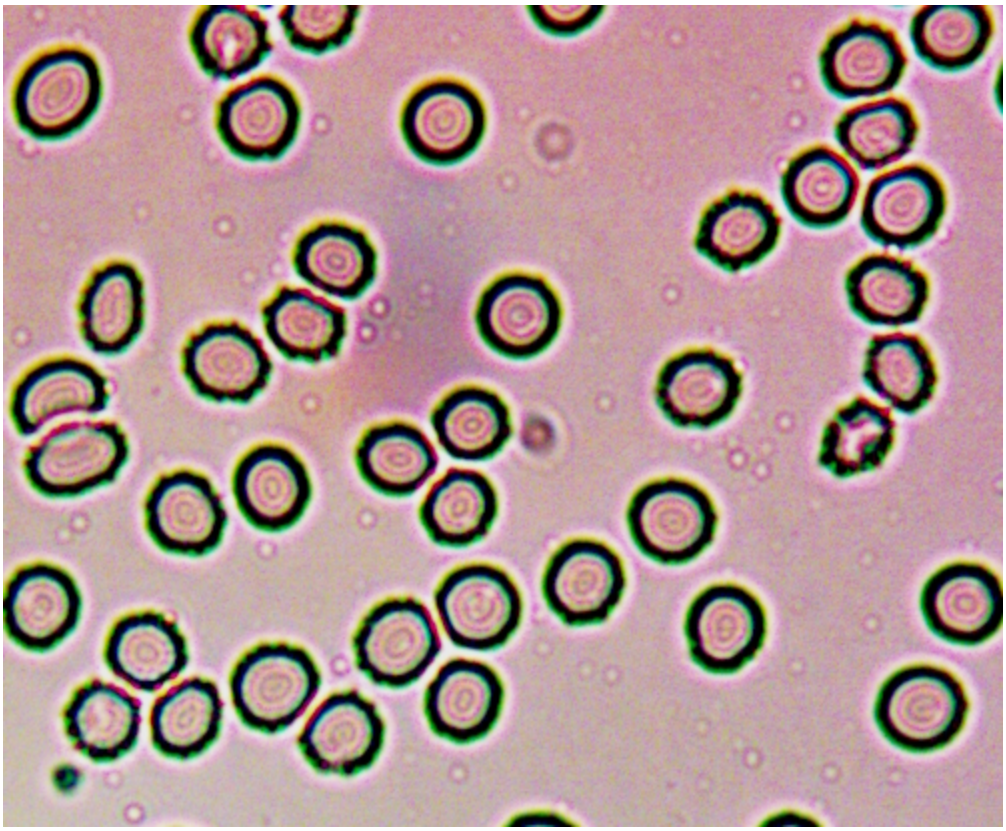
What agent, force, or mechanism is responsible for causing widespread, and now devastating, changes, especially coagulation and blood clotting, in human blood on a global scale?

Generalized answers, presumptions, conjectures, misinformation, discord, speculation, sensationalism, and plenty of maybe's are all woefully insufficient. There are plenty of all of these to surpass our all needs. When combined with the censorship and restrictions in place to access truthful information, we have generally been left to wallow in a state of confusion for the last 3 years or more (actually, more than 30). It is an absolute abhorrence at this stage that the SPECIFIC and DETAILED contents of mass worldwide injections to the population remain unknown and are perpetual fodder for the chaos just mentioned. This is not by accident, but by design.

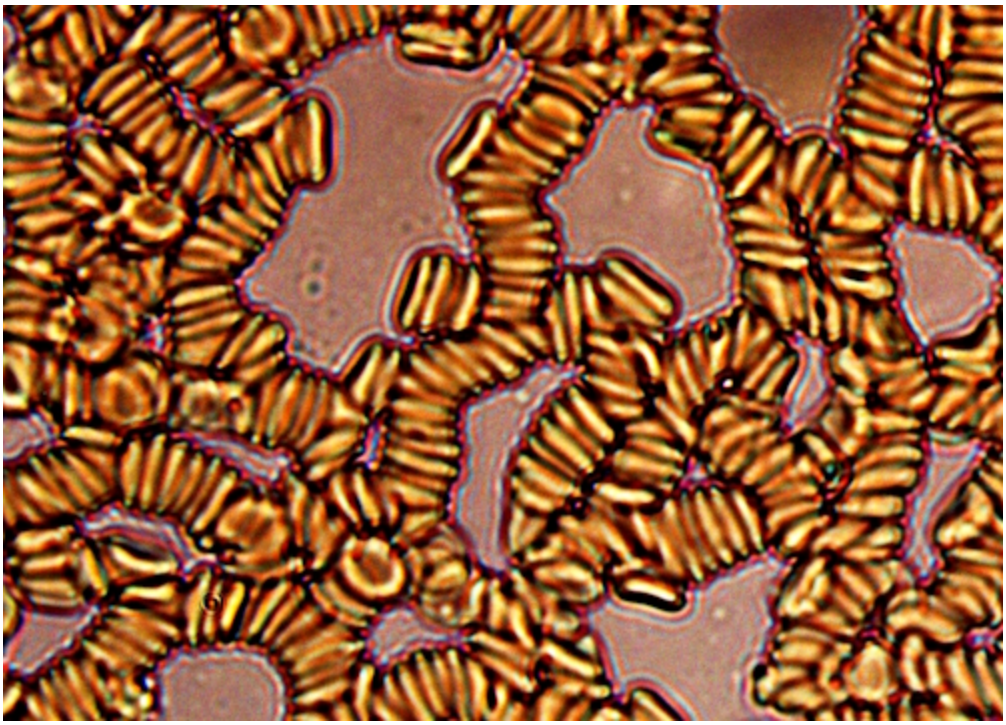
Unfortunately, the resources of CI have been relatively minimal, for a number of reasons, over this same time period. And as Stevie Nicks sings, "I'm getting older too…" Nevertheless, a chink in that armor has been opened with recently regained access to sufficient microscopy.

And so now we need to start looking at some images.

As mentioned, both a dried blood smear and a live blood capture can be used to complement one another in this inquiry. All photographs on this page come from the same individual (no Covid "vaccination") at the same point in time. Let's begin with one photo from each method:



Static Dried Blood Smear – Selection 1 – Original Magnification 3200x



Live Blood – Selection 2 – Original Magnification 3200x

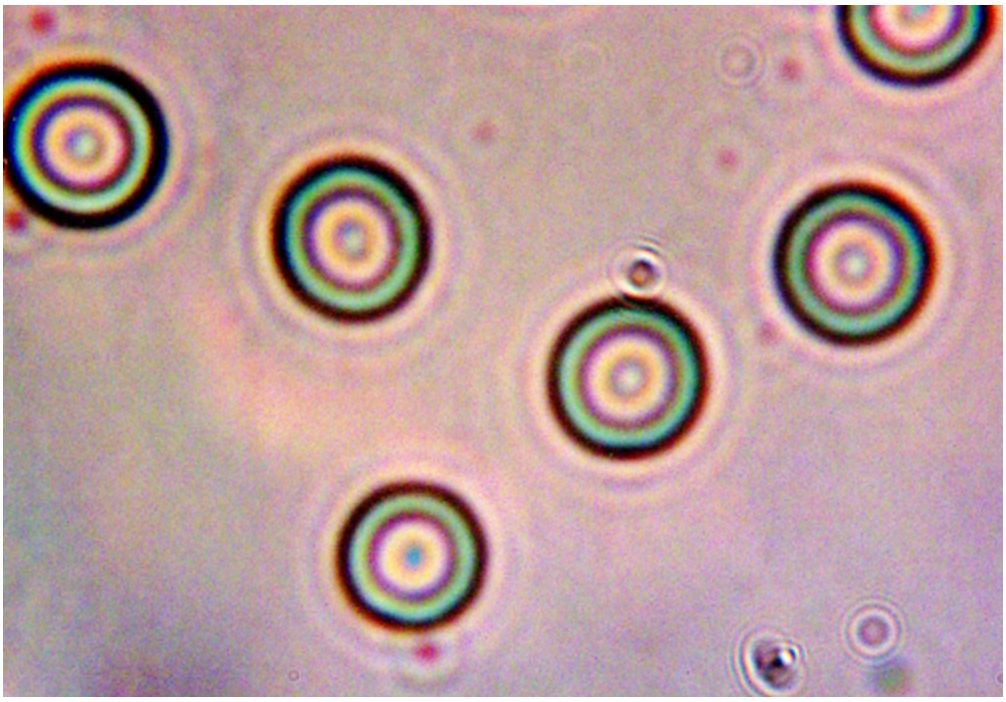
These photos clearly demonstrate the need for a comprehensive examination of blood under different circumstances. It may be difficult to accept that both photos come from the same individual at the same time, but this will be the case for all photos shown. What differs here are the conditions and method of view. As will be seen, there is much that can be learned from a more thorough study of the blood under various conditions and even location within the sample area.

Let us speak about the differences in this first photo set in more detail. Given the state of serious and drastic degradation of blood by the CDB that has been chronicled by CI over the years, the first photograph might be regarded as somewhat “normal”. The cell membranes have decent integrity, the cells have fairly even geometry, and the cells are distributed evenly across the sample region. But as will unfold, this blood is anything but “normal”, and the clue to that awareness is the widespread presence of the CDB within the blood, and those same CDB on surrounding the perimeter of the majority of cell membranes. There is a bit of a war taking place here. But in a superficial sense, we can start this paper by saying it has a mildly conventional appearance of blood, at least relative to what can be seen if we were to open this discussion further.

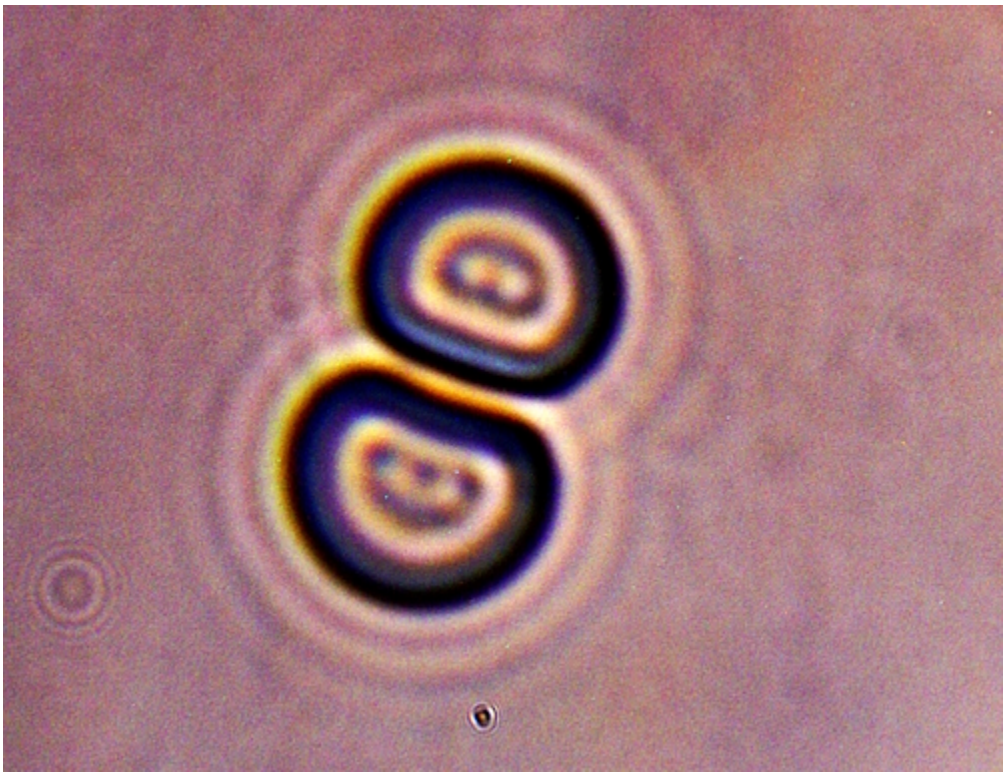
The second photograph shows the same blood from the same individual in the same time period, however it shows the state reached by the blood literally within seconds of being placed upon the slide in a *live view* mode. Suffice it say as it has been witnessed in times far past, a live blood view should be akin to throwing a bushel of ping bong balls in a lake. It is actually a marvelous thing to see the under microscope, and it is a dynamic and vibrant view of the marvel of healthy human blood. Unfortunately this is no longer as easy or as common to see. What we see is total and complete congregation (rouleaux) of blood on the slide immediately upon being placed upon the slide with a cover slip; this is far, far and everything away from “normal”. It is most certainly a dangerous situation, and serves as a harbinger to the widespread clotting of blood that is now reported in open scientific and health communities. It relates directly to the increased mortality that is now before us.

Now it is sensible to ask, how can this be? Why would two blood samples from the same individual at the same time look and behave so differently from one another, even within a matter of seconds?

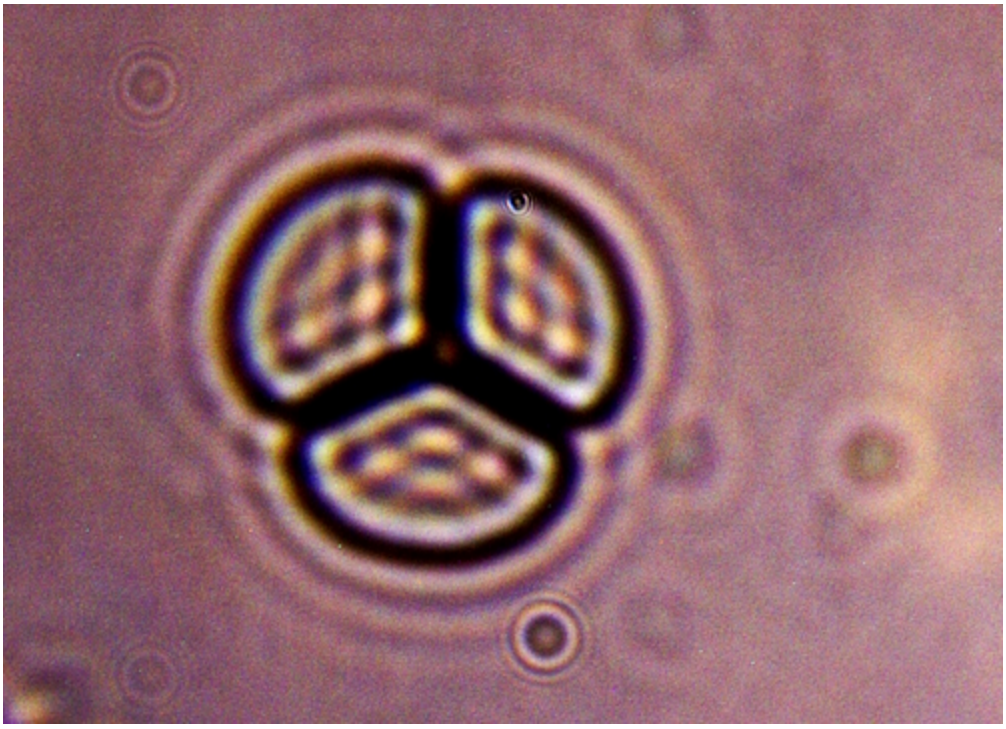
The answer is to be found from a broader as well as a closer study of variation of cells upon the slides. Let’s begin the progression.



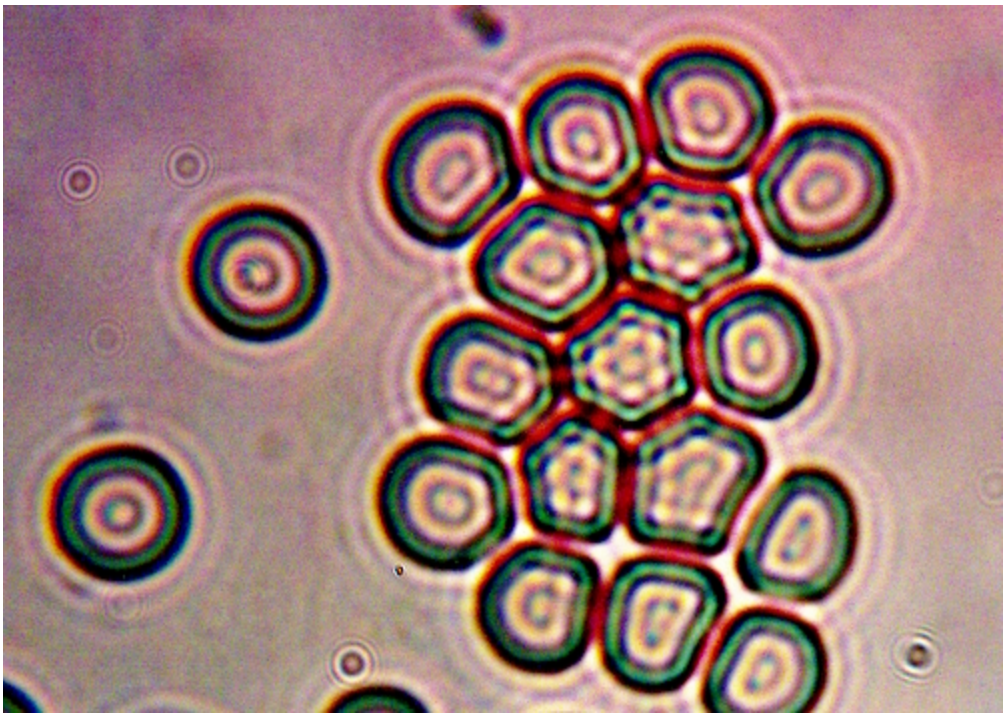
Blood Cell Microphotograph – Static Slide – Selection 3
Central CDB visible in cells (not “bulls eye” blood condition)
Original Magnification 8000x



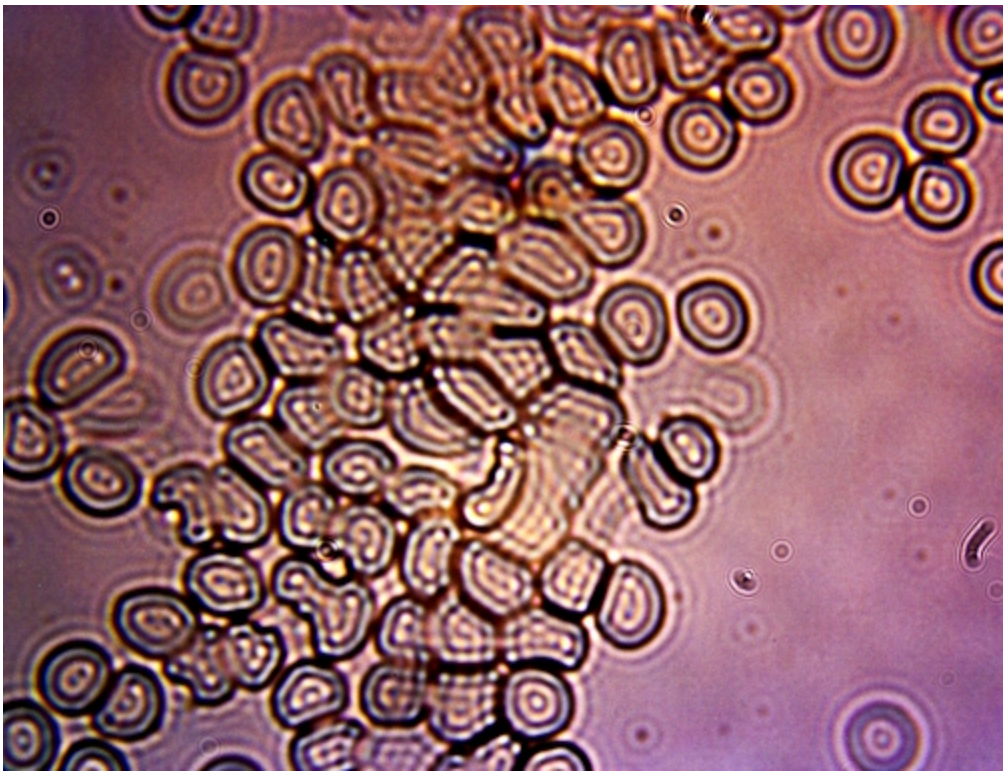
Blood Cell Microphotograph – Live Blood Slide – Selection 4
Double CDB Visible in Cells
Original Magnification 8000x



Blood Cell Microphotograph – Live Blood Slide – Selection 5
CDB Multiple Grouping Visible in Each Cell
Original Magnification 8000x

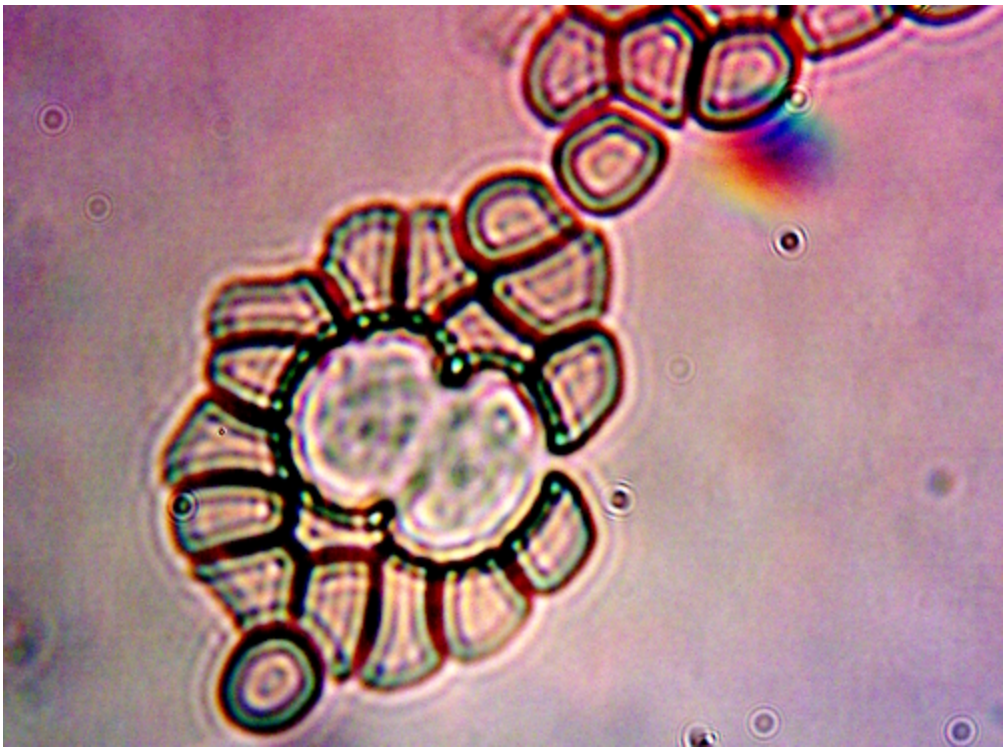


Blood Cell Microphotograph – Static Slide – Selection 6
Early Stages of Blood Coagulation
Increases Directly and Proportional to Abundance of CDB Intrusion
Notice Isolated Cells to Left with Singular Internal CDB
Original Magnification 8000x

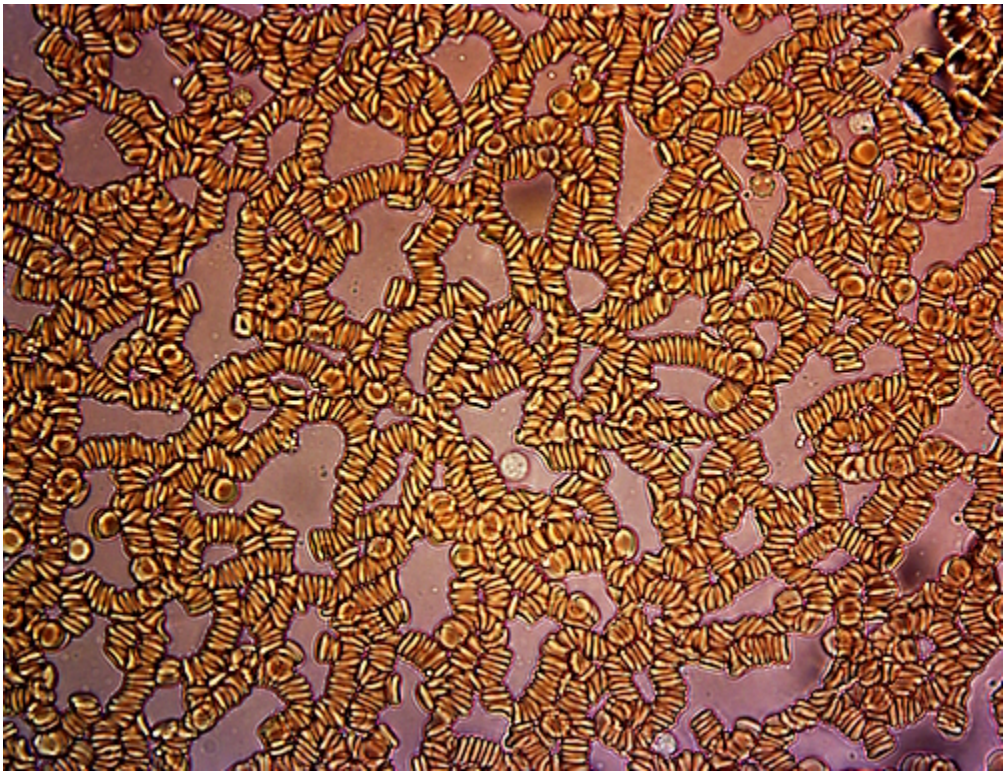


Blood Cell Microphotograph – Static Slide – Selection 7
Progressed Stage of Blood Coagulation
Directly Proportional to Severe CDB Intrusion
Original Magnification 8000x

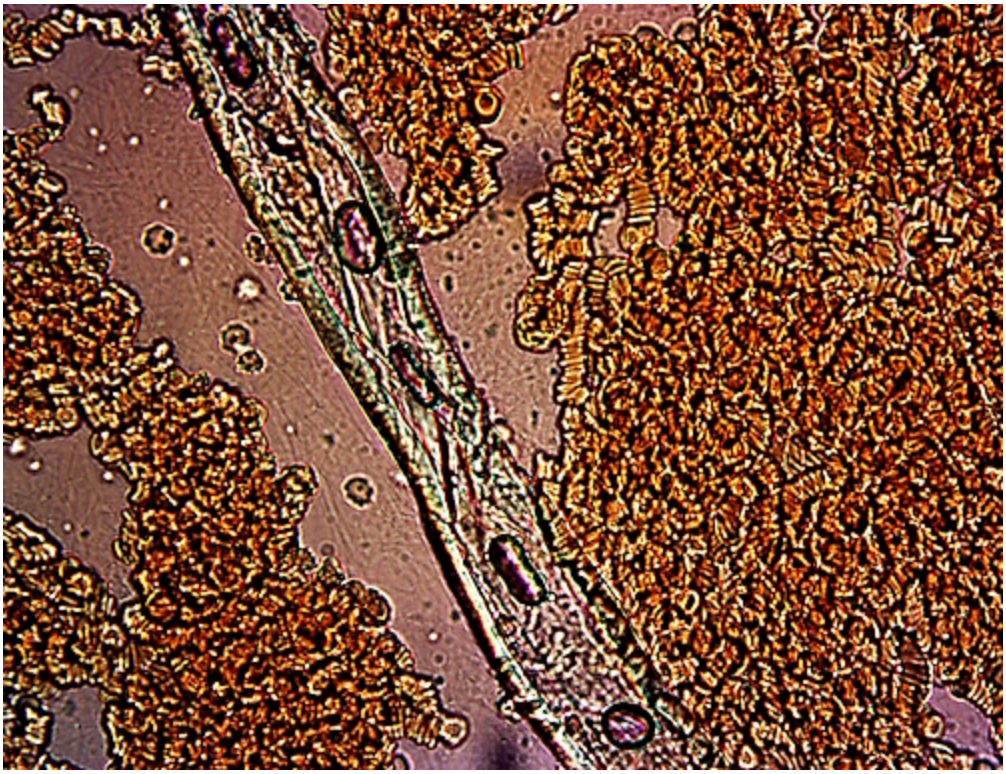
To broaden the perspective even further, here are a few images that depict additional severe consequences of CDB impact:



Blood Cell Microphotograph – Static Slide – Selection 8
White Blood Cell Infused with CDB Attempting to Serve Immune Functions
Overwhelmed by CDB
Original Magnification 8000x



Blood Cell Microphotograph – Live Blood Slide – Selection 9
Complete Rouleaux Taking Place Essentially Instantaneously
During Preparation of Live Blood Slide Preparation
Original Magnification 8000x



Blood Cell Microphotograph – Live Blood Slide – Selection 10
Classic Example of CDB Filament within Extensive Rouleaux Formation
Original Magnification 8000x

One would think that these photographs would spawn a great deal of discussion. Even further, one might expect the top minds in the world to immediately, collectively and aggressively put themselves to work. Based on our performance as a species as a whole, this can not be assured or expected. We are behind the curve seeking three decades now, and our future as a species must be admitted to be under threat or siege. The photographs shown are not an aberration, they are representative of the state of affairs.

I do think the focus and priority of required effort before us is quite clear, as it has been. The appeals are embodied throughout the entire history of research at CI over these same decades. Carnicom Institute will proceed to the best of its capability but that history is inevitably finite. Godspeed, as it is said.

Clifford E Carnicom
Aug 26 2023

Born Clifford Bruce Stewart, Jan 19 1953.

A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins

carnicominstitute.org/a-source-of-global-harm-the-cross-domain-bacteria-cdb-proteins/

A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins
Sep 02 2023
Clifford E Carnicom

The assessment by Carnicom Institute (CI) is that the proteins created by the Cross Domain Bacteria (CDB), a subject of extended study here, are responsible for a vast majority of the health ills imposed upon the global population, including the more recent tragedies involving blood coagulation and clotting of the “Covid Era”.

The starter for the cultures is human blood. Culturing of this biological entity has a long history within CI. One major advantage of the culturing process is that it allows for the study of biological growth (synthetic or otherwise, as the case may be) in a controlled environment. This provides for many studies and discoveries that would simply be impossible otherwise. Recent advances and refinements in CDB culture practices have been used to isolate four separate proteins from this organism; this has major ramifications for human health now and in the future.

One of Four Protein Forms Isolated From CDB Cultures

This paper will simply establish the existence of the various protein forms, along with a brief discussion of their character. These proteins serve as a window to great understanding of what has transpired, what is currently happening, and what will continue to degrade human health and threaten existence unless “engagement” (as mentioned in the previous paper, The Source of Blood Coagulation: Cross Domain Bacteria (CDB)) commences at the highest level possible. The broader demands and requirements here far exceed the capabilities of CI.

A logical step in biological discovery begins with DNA analysis. Even the nomenclature given to this microorganism by necessity, and not desire, depends upon this initial information. The biological and genetic origin of this entity remains unknown, but the properties of its existence force upon us the issue of synthetic biology. Until that DNA information is acquired at a minimum to the “domain” level, we will remain in ambiguity. CI has successfully isolated DNA from this organism on three occasions over the decades.

Let it be disclosed at this time, however, that good faith efforts were made by CI to seek out this preliminary DNA analysis several years ago. Professional services were consulted and appropriate requests were made to seek domain level DNA identification. Those requests were denied with no rational or just cause from a scientific standpoint. It is fair to say that certain “filters” seemed to be operative within the discussions that took place, and that those

filters established a wall that has kept the populace in ignorance ever since. The atmosphere and tone of that meeting had similarities to those written years ago in the paper, Environmental Filament: False Lab Report (Jan 2013); this may also be of interest.

After DNA comes protein, which is where we are today. Proteins are the most abundant constituent of living organisms after water. They offer the most meaningful insight into the nature of biological existence. The same high level of laboratory expertise and resources are required for protein analysis as they are for DNA.

Nevertheless, despite obstruction or limitations, let us put our foot forward and begin to show what is available as a path of understanding in the future. The photos shown here are the evolution of decades of research. With this background, it still requires a couple of weeks of steady work to produce these results. The identification and separation of proteins of a living organism is not a trivial matter. This was also the case for DNA isolation along that same path.

Each of these proteins will be present in the human body if the CDB are present in the body. Thus far, there is no known exception in any observed case, although there is variability in the impact to human health. The focus of the CDB studies within CI research has been human blood, although all body systems show serious detriment. The Morgellons Research Project (Nov 2016) of CI will enumerate the problems in more detail.

A very few generalized comments will be made about each isolated protein.

CDB Isolated Protein No. 1

Protein No. 1 is a water soluble protein. Water solubility of a protein has major implications of distribution within a biological system. Given that more than 3/4 of the human body is water, it is not difficult to envision the prospects for harm from a foreign protein. The CI toxicology studies (numerous research papers 2017-2019) are directly associated with this particular protein form. All indications are that this protein is primarily of polymeric form, and it has a film or “liquid plastic” texture to it upon increased evaporation or drying.

CDB Isolated Protein No. 2

CDB Protein No. 2 varies in solubility depending upon the pH. The solid form of the protein is shown after precipitation is induced from an increase in alkalinity. The consistency of this protein is that of an adhesive paste upon evaporation or drying. Indications are that this protein is also of a polymeric nature.

CDB Isolated Proteins No. 1 & 2 Combined

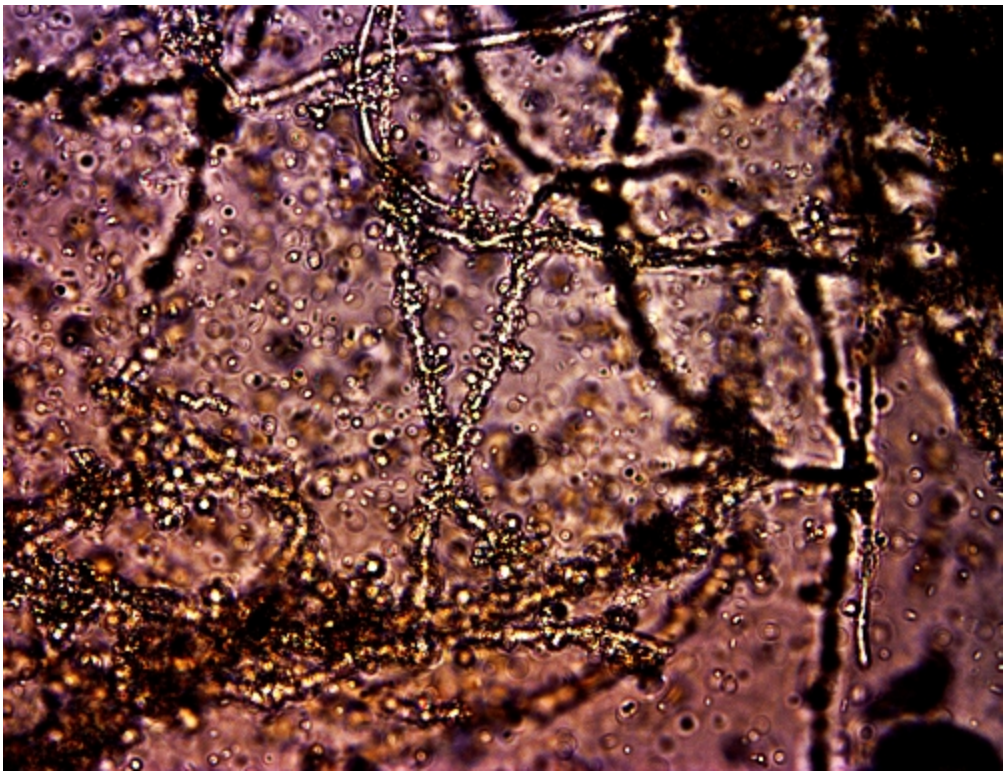
Protein Nos. 1 & 2 originally coexist in the culture solution. This photo shows both both forms after precipitation is induced for Protein No. 2 causing it to settle at the bottom of the solution.

CDB Isolated Protein No. 3

Protein No. 3 is a solid protein that settles out of culture. The protein has a paste like consistency upon evaporation and concentration. Polymeric aspects of this protein remain uninvestigated at this time.

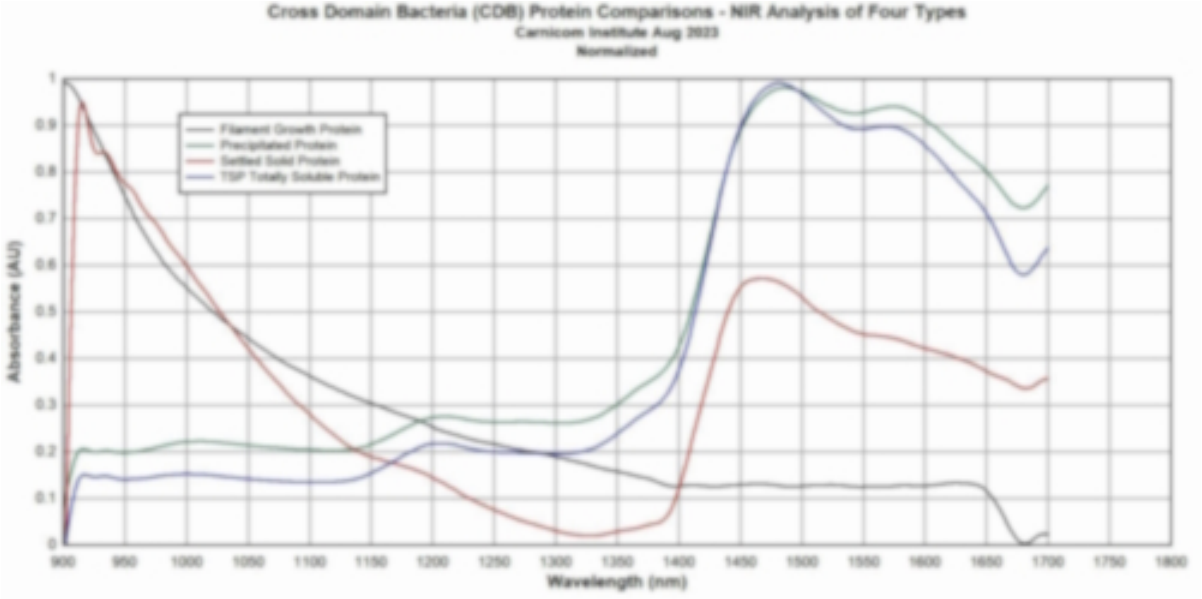
CDB Isolated Protein No. 4

Protein form No. 4 has been extensively examined over the years at CI. The earliest culture work generated this form and extensive research on that work is available on the CI site. The long history of equivalency between the “Environmental Filament”, human biological study (under the colloquial identity of “Morgellons”), and culture results is documented in excruciating detail on the CI site. The filament structure, especially as this protein form is known to share equivalency with the “Environmental Filament” of CI research, also strongly implicates polymeric formation.



CDB Isolated Protein No. 4 Under the Microscope
CDB in Large Numbers Enmeshed within Filament Network
Magnification 3200x

Above is a microscopic view of the filament protein form from the culture. This form is the most heavily observed and documented over the years. The additional proteins now identified from this most recent work provide a pathway to much greater understanding of how human health is impacted by the CDB.



Near Infrared (NIR) Plot of the Set of Four CDB Isolated Proteins

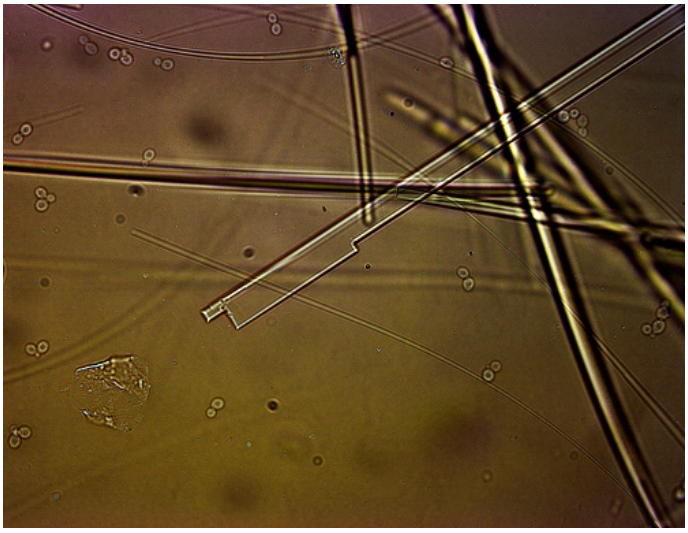
Initial NIR data for the four protein types has been acquired.

Future work will seek more detailed information on the chemical nature of the various proteins so that coarse and early stage biochemical interpretation can be made. This CI work, to the degree possible, will establish further connections between the environmental sciences, human biology, and the impact of the *Covid Era*. Potential further mitigation strategies, beyond those already discussed, will be explored or proposed. Without the greater “engagement” referred to earlier, this work will be a long term venture with limited accomplishment relative to what is required. Time is not in our favor (and never was) and the humans species does exist under an increased threat of extinction. Transformation of the species, which may ultimately be equivalent to extinction, exists as an additional alternative.

Cross Domain Bacteria (CDB) Protein : Exotic Crystal Biology

carnicominstitute.org/cross-domain-bacteria-cdb-protein-exotic-crystal-biology/

Cross Domain Bacteria (CDB) Protein : Exotic Crystal Biology
Clifford E Carnicom
Sep 18 2023



CDB Developed “Protein Crystal”
Magnification 3200x

This paper bears within important ramifications for the human race. Straight lines in nature are relatively rare. Right angles are even less common. There are a very few minerals that possess such characteristics, but even those express relatively simple geometry. Straight lines and right angles combined are a difficult challenge to find in the natural organic or biological world. The addition of interior parallel, grid and grid subdivisions combined with irregular geometry and unusual projections should sharpen our senses even further.

The act of a protein in nature producing a crystal structure alone is similarly a rare find, and it is at the forefront of the most advanced levels in biological research. It is not an easy situation to produce even within that branch of research. History and literature on the subject is generally scant, and pursuit of knowledge about it quickly involves higher level physics, particularly X-Ray Diffraction. X-Ray Diffraction is the method by which the structure of DNA was discovered.

As we see:

“Developing protein crystals is a difficult process influenced by many factors, including pH, temperature, ionic strength in the crystallization solution, and even gravity. Once formed, these crystals can be used in structural biology to study the molecular structure of the protein, particularly for various industrial or medical purposes”(Wikipedia).

[Wikipedia is heavily biased, manipulated and censored, however, it remains suitable for some basic technical needs-CEC]

Here are a couple of general readership articles that will introduce the subject of protein crystals:

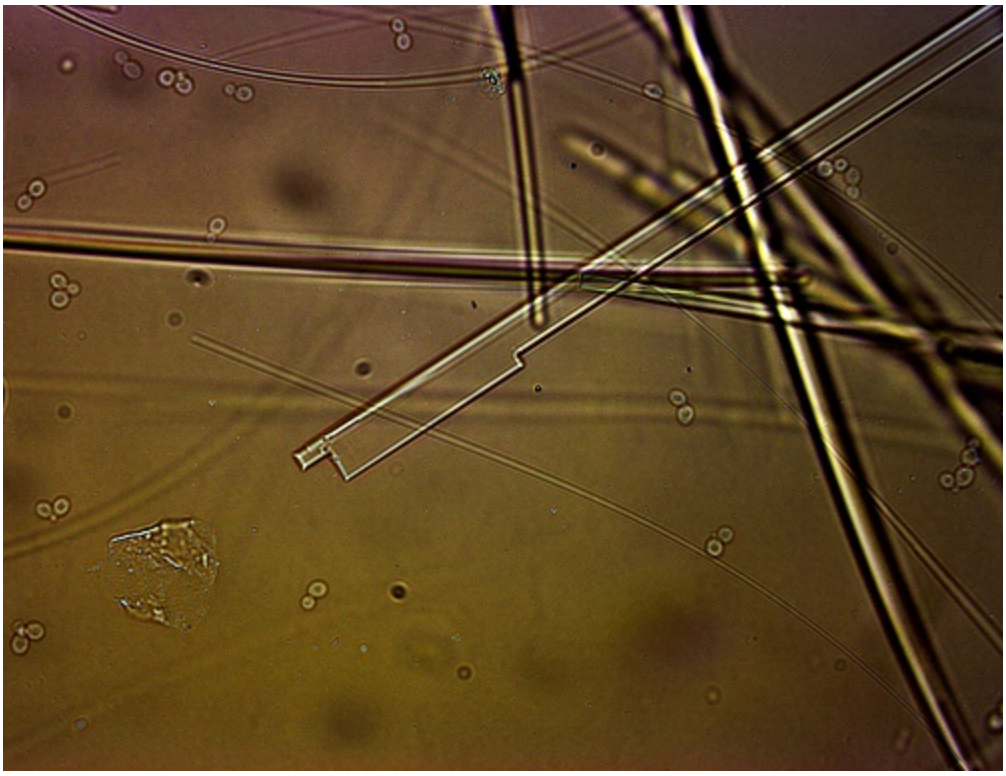
Biological crystals: at the interface between physics, chemistry and biology, Dominique Cornuéjols

Growing crystals from protein, Beat Blattmann, Patrick Sticher

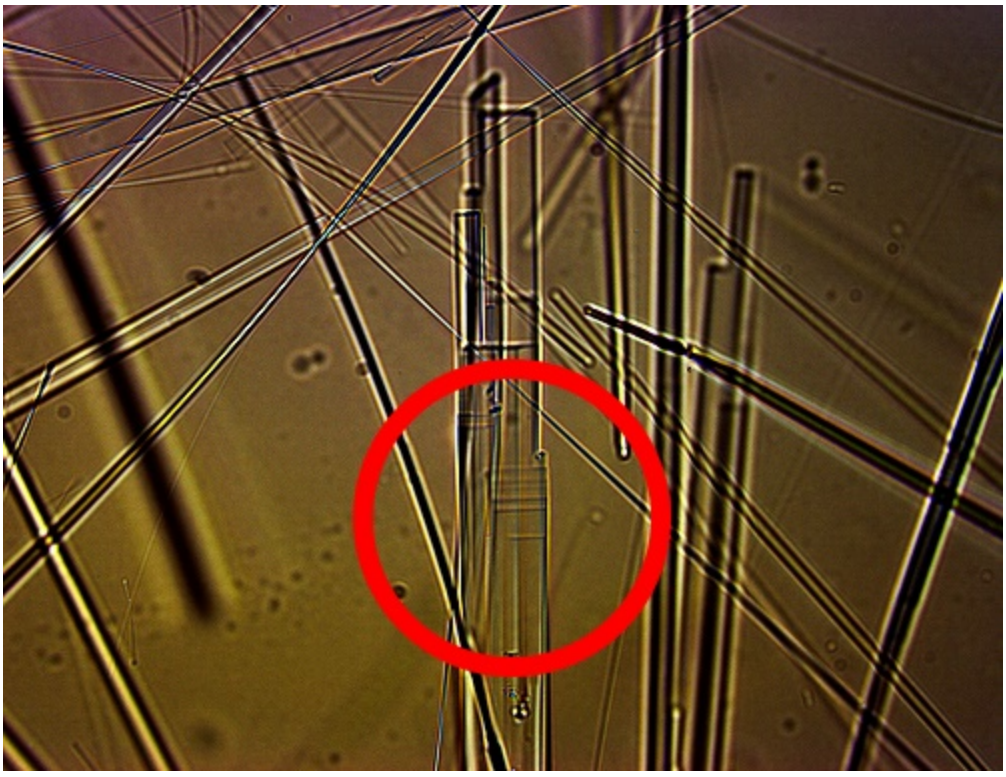
They are worthy of review, and a call to the European Synchrotron Radiation Facility in France may be appropriate under the circumstances.

Let us first discuss where these crystals come from. They arise as an outgrowth from the isolation of the water soluble protein of the Cross Domain Bacteria (CDB) as described in a previous paper, A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins, Sep 2023. There are several stages in the isolation process that takes place, and the crystals will begin to form and settle within 24 hours of final purification, and will subsequently mature. The process has now been repeated three times with identical results. It has already been established that this particular protein form is toxic.

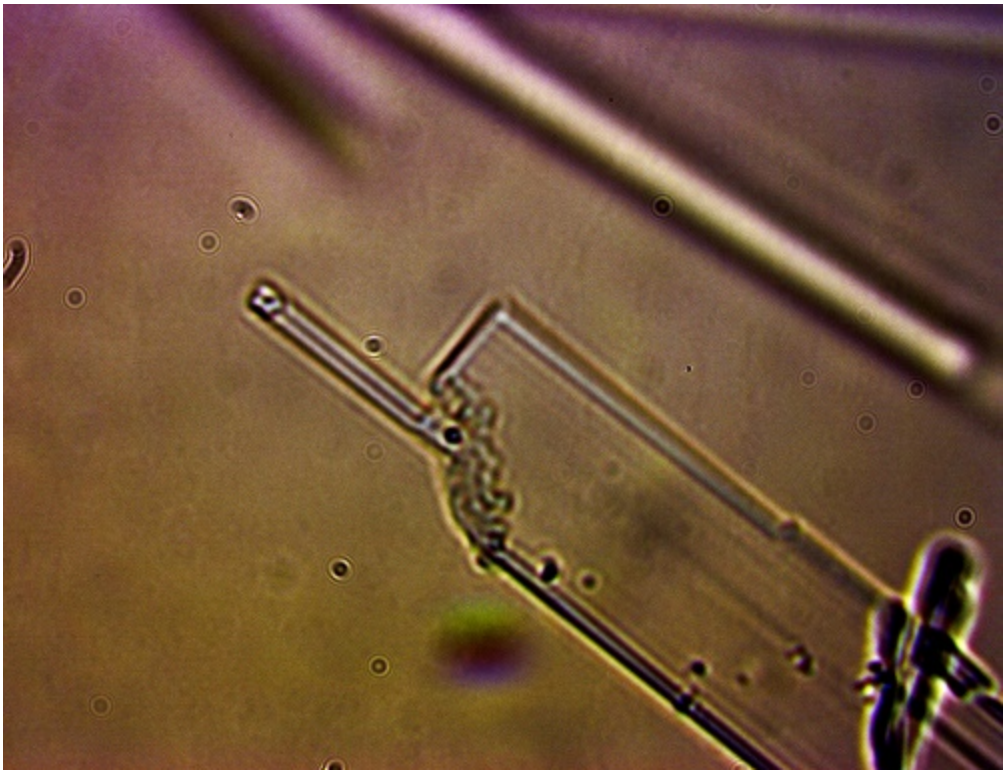
Let us take a look at a few representative images under the scope, along with a few parting comments.



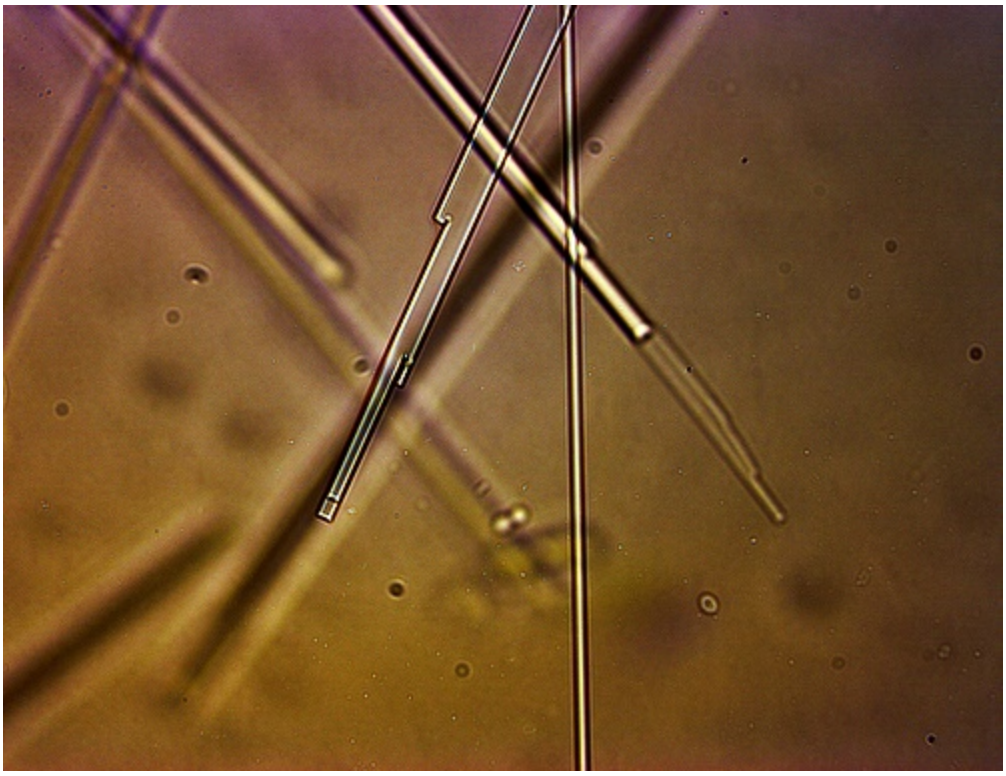
CDB “Protein Crystal”
Structured but irregular geometry, numerous right angles
combined with variable internal dimensions
Magnification 3200x



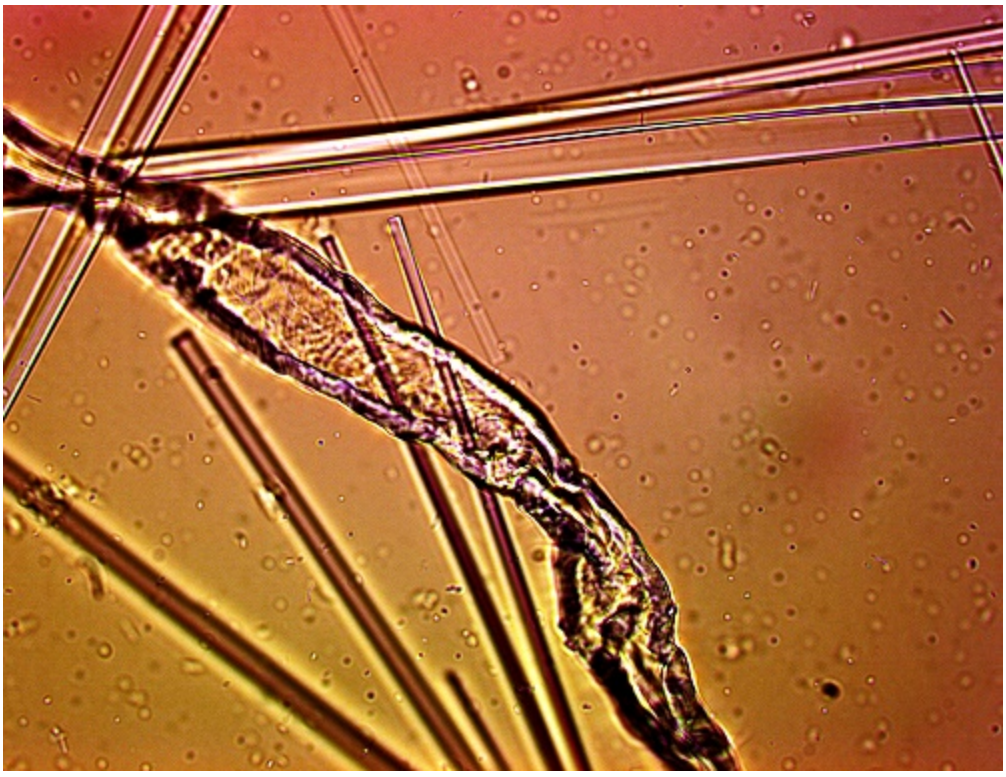
CDB “Protein Crystal”
Structured but irregular geometry, numerous right angles
combined with internal variable subdivision
Magnification 3200x



CDB “Protein Crystal”
Active CDB manufacturing site
Extraordinary combination of biological and “crystallization” processes
Unusual projection and discontinuity of material
The likelihood of “biological circuitry” must be acknowledged here.
Magnification 8000x



CDB “Protein Crystal”
Structured but irregular geometry, numerous right angles combined with variable internal dimensions. Slot construction.
Magnification 3200x



CDB classic biological filament combined with “Protein Crystals”
Magnification 3200x

Fourscore and many times past one might think the questions that arise above would be of hot pursuit. From the general history, I have no expectations of such from those of position or influence. The obligation and duty remains, nevertheless.

It is not difficult to assess that Carnicom Institute has remained most conservative in its assessment over the years regarding synthetic biology “proof”, as it were. The implication of synthetic biology has been pronounced, but restraint has also been continually exercised because of the many surprises always before us in the world of science.

It is now time, however, to choose reason over caution, as we now encounter a barrage of overwhelming evidence to indicate that synthetic biology is in full force in front of, and within us.

Is it now reasonable to conclude that we, as a species, are an unwilling subject of “synthetic biology”? I think so. It would be to our mutual benefit to be proven wrong.

You have the freedom to think and make your own decision. My role has been to patiently and consistently seek and provide information to assist in that process, and to call those of influence to “engage”, as has been mentioned in recent papers.

Bacterial forms are now commonly used as a vehicle for genetic manipulation and protein generation(i.e., expression). The truth is that it is more of a staple operation than I have recognized. The classic case of this is insulin production, which is well accepted by millions across the globe. Insulin originally came from cows and pigs, but for reasons that many consider justifiable, genetic engineering was born. Here are a few lay descriptions of what has come to pass that involves the combination of bacteria, genetic engineering, and manufactured proteins (*insulin is a protein, the CDB produce proteins, and every living creature produces proteins*):

“You can learn more about the history of genetic engineering in episode 23 of series 1 – GMO, OMG! – but it’s quite simple: take the human insulin gene, stitch it into a circle of bacterial DNA known as a plasmid and put it into bacteria. Then grow up the modified bugs in large vats of broth and wait as they pump out pure human insulin, which you can then purify and give to patients.”

https://geneticsunzipped.com/transcripts/2021/6/3/from-insulin-to-humulin-the-story-of-the-first-genetically-engineered-drug

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Recombinant DNA is a technology scientists developed that made it possible to insert a human gene into the genetic material of a common bacterium. This “recombinant” micro-organism could now produce the protein encoded by the human gene.

https://www.nlm.nih.gov/exhibition/fromdnatobeer/exhibition-interactive/recombinant-DNA/recombinant-dna-technology-alternative.html

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“A great deal of research went into producing human insulin by means of genetic engineering. The genetic material of a bacterium [or] a yeast is reprogrammed to make insulin instead of the proteins it would normally produce. This insulin is purified so that it contains no trace of the original bacterium.”

https://www.iddt.org/diabetic-commonsense/the-great-debate-natural-animal-or-artificial-human-insulin/

And so now we get to ask: What if the introduced gene into the bacteria was not human? Can that be done too? And the answer is yes.

And then we get to ask, what if the introduced gene(s) into the bacteria was from an unknown species or life form (at least to most of us)? Could that be done also? I see no reason why not.

And then we must now ask, what if the introduced gene came from either a synthetic or foreign (e.g., xenobiology, exobiology) life form? Could that be done also. I would certainly expect so.

If the proteins generated by the life form and the life form are not currently known, registered or acknowledged in the public database (the CDB are not), then I think that the focus must quickly entertain the final question above. The orchestration and scale of events over the last 25 years plus surpasses all nation interests.

Once again, you decide. It would be to our mutual benefit to be proven wrong.

A truthful answer might go a long way towards explaining the refusals which have taken place to identify the nature of the CDB DNA – please recall that event documented in the paper, “A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins” (Sep 2023).

It is therefore more than feasible, and quite reasonable, that the CDB itself is either of synthetic nature or is a vehicle through which synthetic biology is expressed. The ultimate expression of the CDB is indeed the proteins that are created in the human body, and hence the need for more aggressive “engagement”.

“The time is nigh…”

Clifford E Carnicom

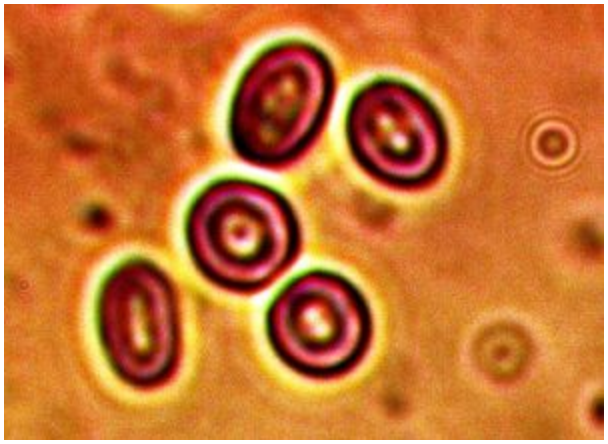
Born Clifford Bruce Stewart, Jan 19, 1953.

Cross Domain Bacteria (CDB) Protein : The Fallout Emerges

carnicominstitute.org/cross-domain-bacteria-cdb-protein-the-fallout-emerges/

Cross-Domain Bacteria (CDB) Protein : The Fallout Emerges
Crystal Biology, Synthetic Blood & Clotting, and Polymer Formation

Clifford E Carnicom
Sep 26 2023



The water-soluble protein that has been isolated from the Cross-Domain Bacteria (CDB) is anything but a single or simple protein. It is a sophisticated complex that is now known to produce a minimum of 10 variants of growth form. There is already known to be great harm to human existence from the CDB and this particular protein. This work clearly confirms the conclusion that synthetic biology is now fully operative across the planet. The work in progress is detailed, extensive and yet preliminary – only the highlights of certain topics will be presented to maintain some modicum of the pace of work.

These multiple forms of growth or creation via culturing include, but are not necessarily limited to:

1. **Immature protein crystals of irregular geometry**
2. **Highly developed matured "exotic" biological crystals**
3. **Polymer formation**
4. **Synthetic red blood cells**
5. **Synthetic "blood clotting"**
6. **Budding biological growth (relatively large structures)**
7. **Chain CDB formation**
8. **Protein mass (iron rich complex)**
9. **CDB**
10. **Filament production**

The focus of this paper will be on items 3, 4 and 5. Before continuing there, let us make some mention of the additional topics with the understanding that none are to be dismissed or disregarded. All are of equal importance here, as they are all part of the same package and we must choose our time and weapons wisely.

Let's lighten the load a little. Items 1 and 2 have largely been addressed, or at least previewed, with the recent paper, Cross Domain Bacteria (CDB) Protein : Exotic Crystal Biology (Sep 2023). Items 7-10 are ensconced deeply within the historical research of Carnicom Institute (CI), and they need not be introduced from scratch at this point. Item 6, although newly seen, can be viewed as a likely variant of those same items 7-10. What distinguishes it is its larger size.

Our interest here is to delve more deeply into the appearance and confirmation of synthetic blood within the culture work, as it is quite real and will need to be confronted quickly and directly.

The identification of "artificial blood", now more appropriately called synthetic or genetically altered blood, actually had its debut within CI decades ago. I can and will say that I tried. These two papers, written in 2009, show what was happening at the time, 14 years ago:

Artificial Blood(?) (Aug 27, 2009)

Blood Issues Intensify (Apr 2009)

Two other papers (as a minimum) have a complementary interest here, the first comes from a footnote added to the paper, Morgellons : A New Classification (Feb 2010), as well as the reference to artificial blood within the paper itself.

"Additional Note Feb 11 2010:

For those that consider the extent of this article to be implausible, please refer to the public disclosure on February 05, 2010 of the project by the Defense Advanced Research Projects Agency (DARPA) to develop immortal "synthetic organisms", as outlined in the unclassified version of the 2011 budget. 7 From a recent article8 on the budget that has been published, it declares that,

"As part of its budget for the next year, DARPA is investing $6 million into a project called BioDesign, with the goal of eliminating "the randomness of natural evolutionary advancement."
It may be of interest to compare this phrase with that which has been declared within this report:

"It is very difficult to envision, at this state of knowledge, that this "organism" (for the sake of discussion) is the result of any "natural" or "evolutionary" process."

There are many that believe that the accomplishments from classified projects and budgets precede the disclosure of similar goal-oriented unclassified projects by a factor of many years to decades. My appreciation is extended to the individual that brought this disclosure to my attention.

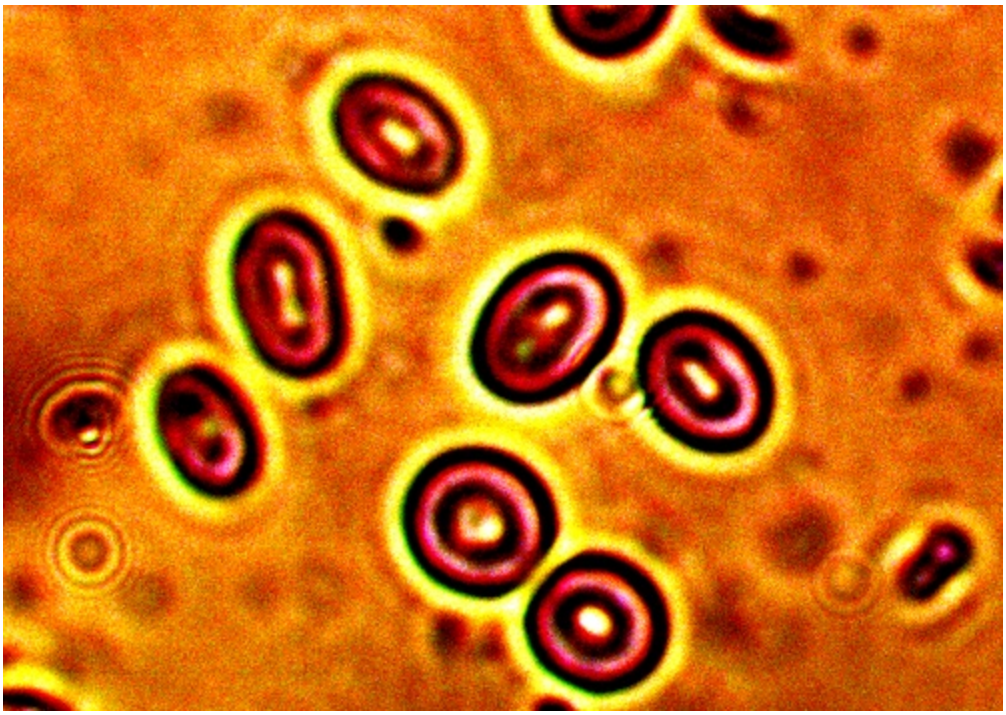
Clifford E Carnicom
Feb 11, 2010."

A second paper might also be of interest, and it is titled, " The Transformation of a Species?" (Nov 2019). Under the circumstances now coming to the fore, it speaks for itself.

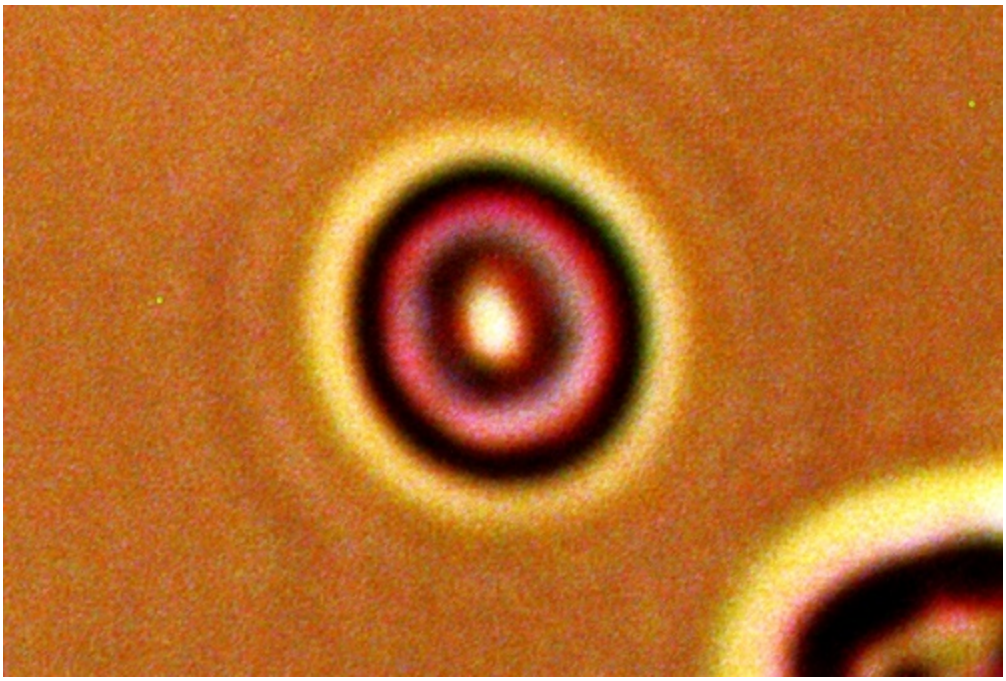
The history surrounding the Artificial Blood paper is of interest in its own right. It was not a paper I wished to write, as I knew that it would cause trouble. And indeed it did. The polite way of characterizing the response to the paper was abject denial regardless of the evidence presented; the more honest assessment is that of character assassination of the highest order. And in a more humorous vein, no, the blood did not arise from a non-existent fish fertilizer plant in the non-industrial remote landscape of Lamy, NM. Que sera, sera, the paper was required to be written, and so it was.

OK then, for a decade and a half (actually 25+ years) we have had synthetic blood unwillingly integrated into our human biology. And now, post Covid Era, it seems to be clotting more commonly as well as killing people more visibly. I think that it is beyond time to wise up and stop playing the proof game. That luxury no longer exists, and be assured, it has been spent.

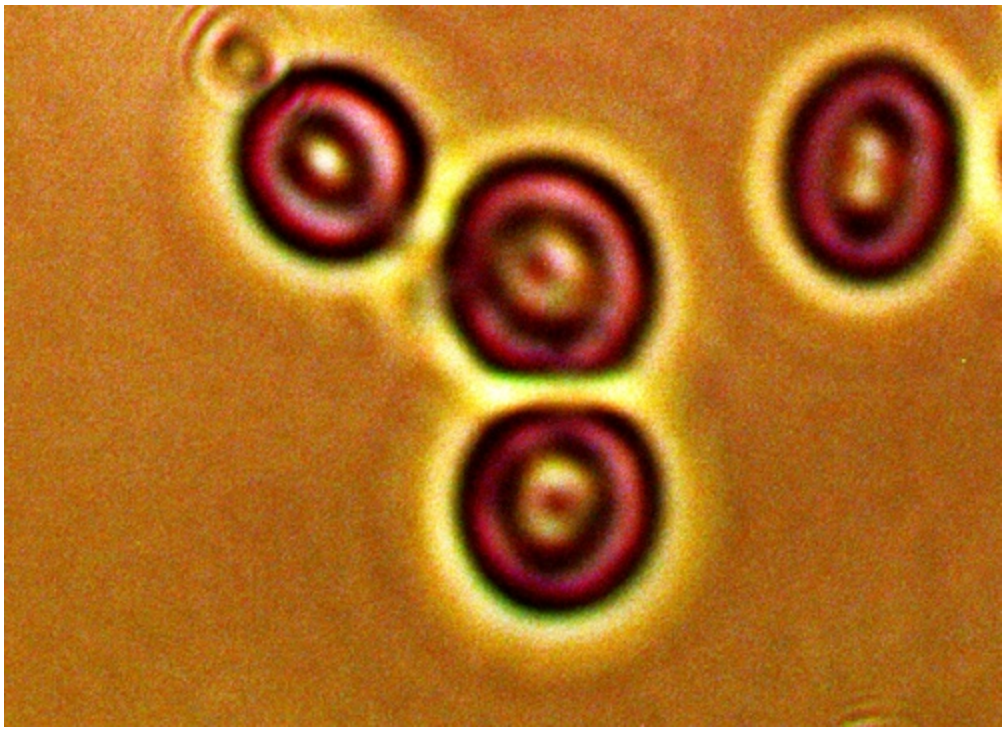
Let’s look at a few photographs under the scope. Bear in mind, these images develop entirely from a culture process and not a human being. As stated in earlier work, blood cells are not supposed to grow in a test tube. That was the case 15 years ago and it is supposed to be the case now as well. But they do, and they are growing under the right conditions and knowledge of those conditions. Central to these events shown is the isolation and understanding of a protein endemic to the CDB. What is shown here is a genetically engineered, synthetic biological process that involves, interacts with, and alters human blood cells. The operation has been active over 2 1/2 decades, and it has been complicated further with the advent of the *Covid Era*. I do wish that I could be kinder about it, but there is a phrase called “tough love”.



Synthetic – Genetically Engineered Erythrocytes Isolated from CDB Protein Culture
CDB can be seen internal to cells
Magnification 8000x

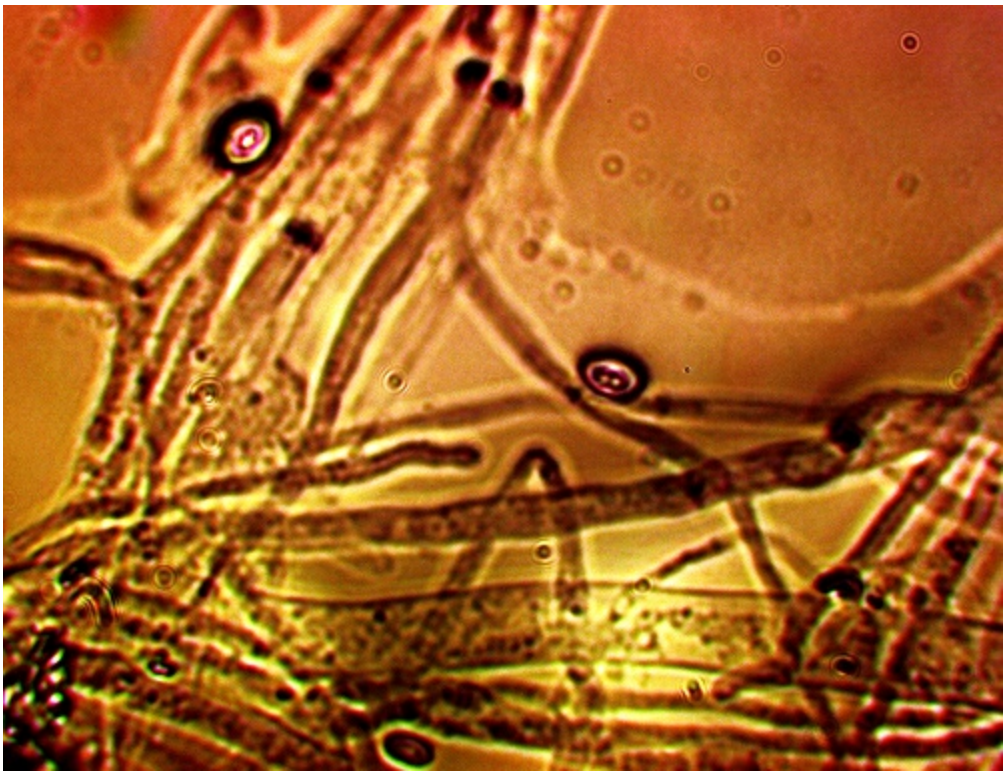


Singular Synthetic – Genetically Engineered Erythrocyte Isolated from CDB Protein Culture Magnification 8000x

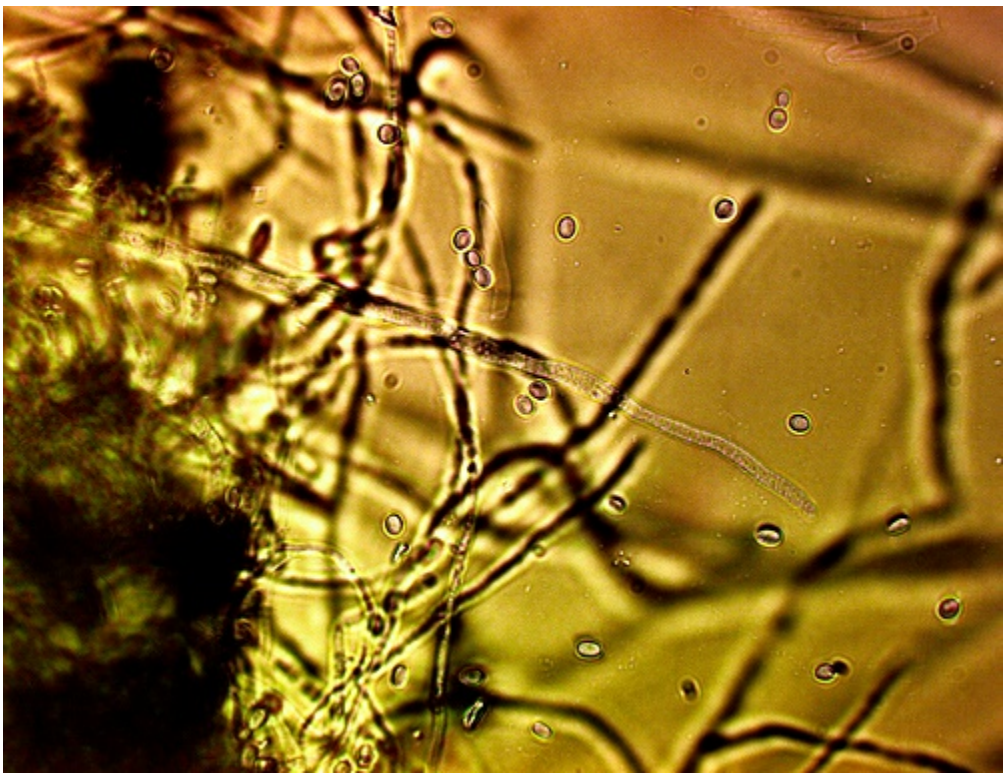


Synthetic – Genetically Engineered Erythrocytes Isolated from CDB Protein Culture Magnification 8000x

Unfortunately, the situation does not cease with the existence of the erythrocytes. The equivalent of a synthetic blood clot is also a feature of this scenario.



Combination of CDB Filaments, Synthetic Erythrocytes and Polymer Matrix
(i.e., “synthetic blood clot”)
Magnification 8000x



Combination of CDB Filaments, Synthetic Erythrocytes and Polymer Matrix
(i.e., “synthetic blood clot”)
Magnification 3200x

Furthermore, there is a polymer matrix (film or plastic like) that binds the CDB filaments and the blood cells together, creating a cohesive network that is coagulative in its very nature. In essence, it is the ideal synthetic blood clot.

Over recent months, I have collaborated with Dr. Ana Mihalcea and her colleagues in the investigation of blood clots from both living and deceased individuals. The results of that investigation are published on the Carnicom Institute and Dr. Mihalcea’s MD, PhD sites (Part I, Part II, Part III). In summary, the final conclusion reached was that the clots consist of a combination of the CDB, filaments and red blood cells within a polymerized mass. Exactly as above.

In the first case we have the expression and creation of a clotting mechanism and structure of known origin in a laboratory setting (in vitro) and the other within human beings. They are of the same nature. The latter has led to increased mortality with absolutely no doubt and it is clearly understood as to why and how. As with many other facts now before is, there need be no mystery as to what the source of coagulation and clotting is, regardless of the impact from the *Covid Era*.

Analytic comparisons have been made or are in progress between human blood and the isolated synthetic blood. They will be discussed at a later stage. The anticipated impact upon human blood, at least in the generalized sense, will be included. In addition, a lineage of health impact that includes the above findings and the history of Carnicom Institute research (that now includes the Covid Era) will be introduced. We have a long history together now, and the picture is much broader than that receiving the majority of attention over recent months or years.

Clifford E Carnicom

Born Clifford Bruce Stewart, Jan 19 1953.

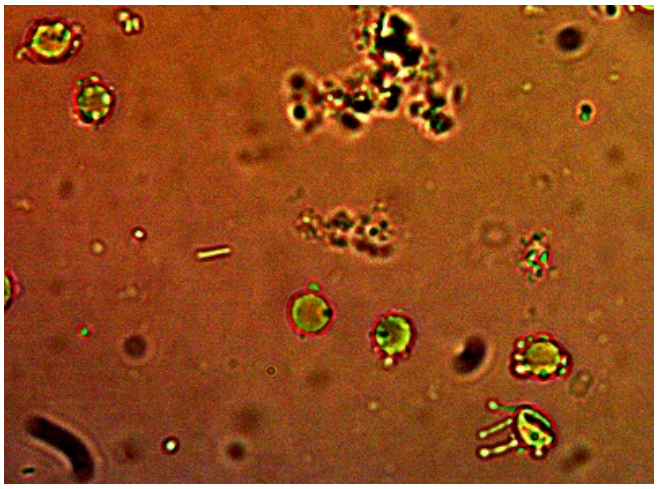
Cross Domain Bacteria (CDB) : The Destruction of Blood

carnicominstitute.org/cross-domain-bacteria-cdb-the-destruction-of-blood/

Cross Domain Bacteria (CDB) : The Destruction of Blood

Clifford E Carnicom
Oct 27 2023

Another highlight of the many states of work in progress deserves presentation. The Cross Domain Bacteria (CDB) (Synthetic Biology), as claimed repeatedly by Carnicom Institute (CI), is the primary agent responsible for the change in human blood condition. This is now demonstrated in an incontrovertible way.



Destruction of Human Blood Cells by the Cross Domain Bacteria (CDB)(Synthetic Biology)
Culture Based Research
Original Magnification 3200x.

The claim is confirmed irrespective of the additional ravages of the "*Covid Era*" that are now upon us; these have exacerbated, extended, and amplified previously existing conditions that have been ignored to our long term detriment.

A few preparatory references are helpful to set the stage.

The existence of a binary or synergistic system should not be discounted. Evidence for an attractive force within the CDB in the blood post *Covid Era* does now exist, please see, The Source of Blood Coagulation: Cross Domain Bacteria (CDB) (Aug 2023) . Please also note the prospects for this that were noted in prior electromagnetic blood studies, especially within a latter paper of the series, Blood Alterations V : Sources of Current (Oct 2022) where it was mentioned:

"Is the current agenda and regime of "vaccinations" delivered under duress to the global population altering the electromagnetic nature of the human being? There is good cause and reason to think that it is….

…I would propose that such electromagnetic and electrochemical change has likely occurred, and that the results of this change will connect directly to the disclosures within this report series.

If the “vaccine” regime does alter the human electromagnetics, I expect that the injections will only compound the unfolding health tsunami. We can expect that added symptoms will further corroborate the history of Carnicom Institute research. This appears to be exactly the case.”

The claim of specific blood damage by the CDB, in a fashion similar to that of synthetic blood appearance (please see Cross-Domain Bacteria (CDB) Protein : The Fallout Emerges – Crystal Biology, Synthetic Blood & Clotting, and Polymer Formation (Sep 2023) , was also made in a substantial way many years ago. The paper titled, A Mechanism of Blood Damage (Dec 2009), will suffice to that end.

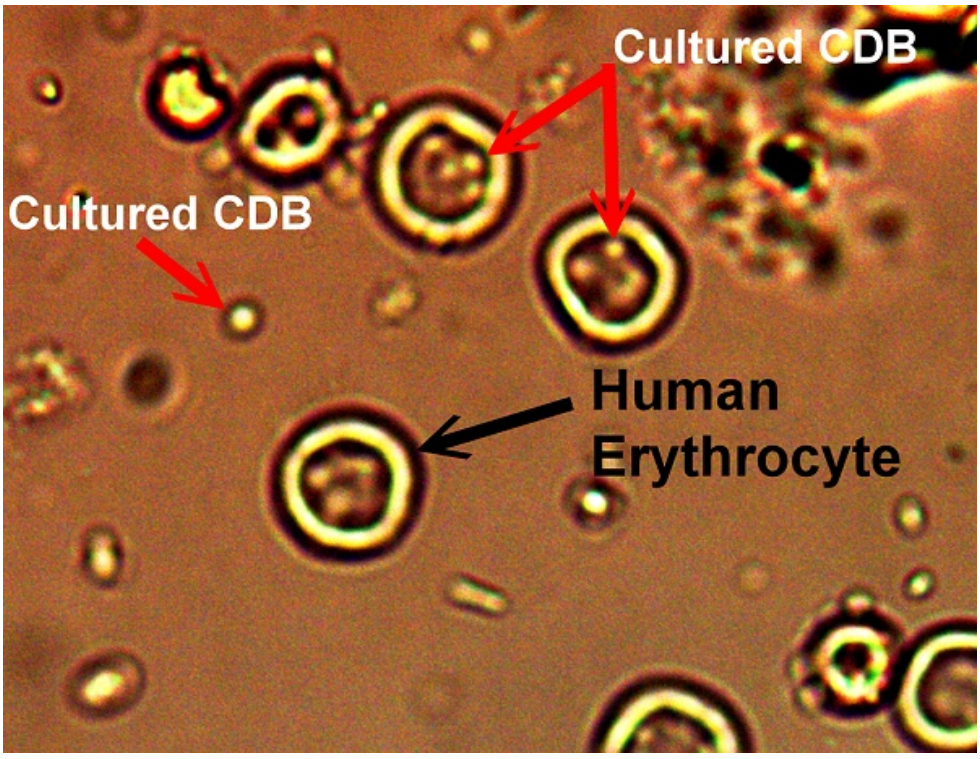
This background now brings us to a current state of research at CI.

What differs in this case from the research paper of 2009 is that the damage to human blood can now take place in a controlled environment. The importance of this advance over previous work is that:

1. The situation can now be produced at will in a controlled fashion.

2. There exists no legitimate excuse or diversion to avoid the focus and understanding of exactly HOW the blood is damaged or destroyed, and consequently WHAT damage is being done to the blood, biologically or otherwise.

3. The answers to the questions posed above may help you with the questions of “WHO” and WHY. WHERE is across the planet. WHEN is for a minimum of the past 25+ years.



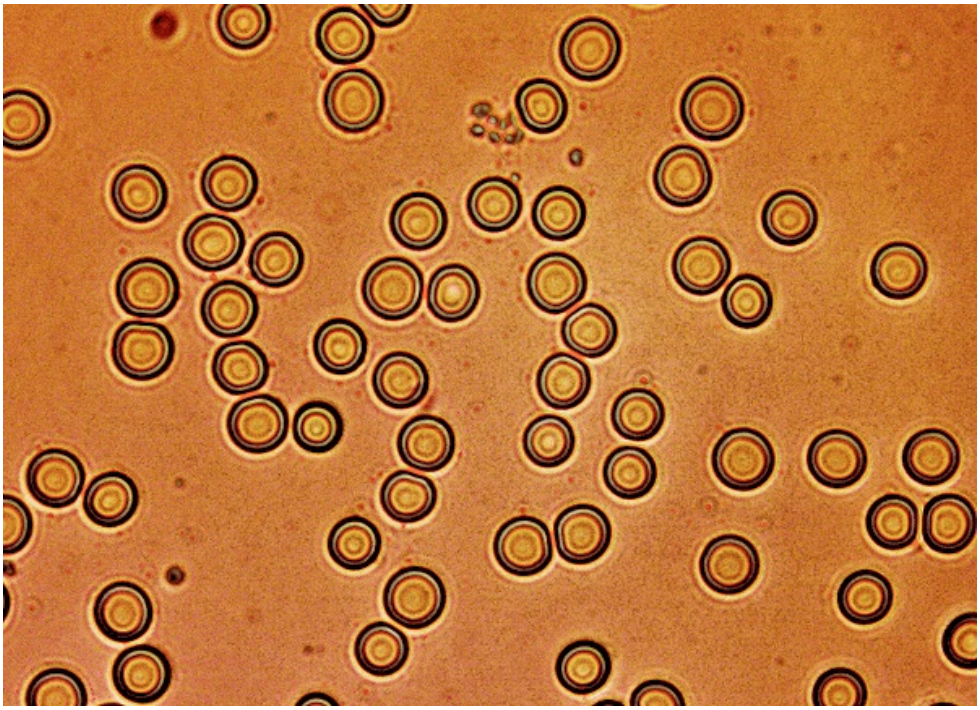
Transformation and Destruction of Human Blood Cells by the Cross Domain Bacteria(CDB)
(Synthetic Biology)
Culture Based Research

Original Magnification 3200x.

The method to produce the results above is relatively simple in principle, but somewhat complex in the details required. The CDB are under culture control at this point. There are numerous manifestations that can be produced (see Cross-Domain Bacteria (CDB) Protein : The Fallout Emerges) but a representative culture is used for this particular work.

Human blood cells are then introduced into the culture with a lapse of time (~48 hrs) to observe the effects. The results speak for themselves. The human blood cells become the target of the CDB, the cell membranes are surrounded on the perimeter, the CDB invade and occupy the cell interior, and the cells are ultimately damaged or destroyed. Loss of oxygen carrying capacity (i.e., life force), nutrient distribution, and toxin removal are obvious and the immediate consequences are shown by this research. The coagulation and clotting (i.e., visibly lethal) from the CDB have been amply demonstrated (please see papers mentioned within).

It is worthwhile and necessary to know and show the condition of the human blood before it was introduced into this culture. It is shown below:



Human Blood Prior to Introduction into CDB Culture
Original Magnification 3200x

Research is active to seek and establish a level of normalcy in blood appearance. There is a measure of success that has been achieved and the photograph above serves as a reference to the state of affairs. Notice that the cells in the majority are free standing (i.e., coagulation and rouleaux reduced or eliminated) and of general uniform geometry. The existence of the CDB in smaller numbers is present, but damage to and penetration of the cells is reduced or absent. Work of this nature will be discussed as further definition takes place and conditions are appropriate.

The damage to the blood results from the existence of the CDB, i.e., synthetic biology, as reported extensively on this site.

Clifford E Carnicom
Oct 27 2023

Born Clifford Bruce Stewart
Jan 19 1953

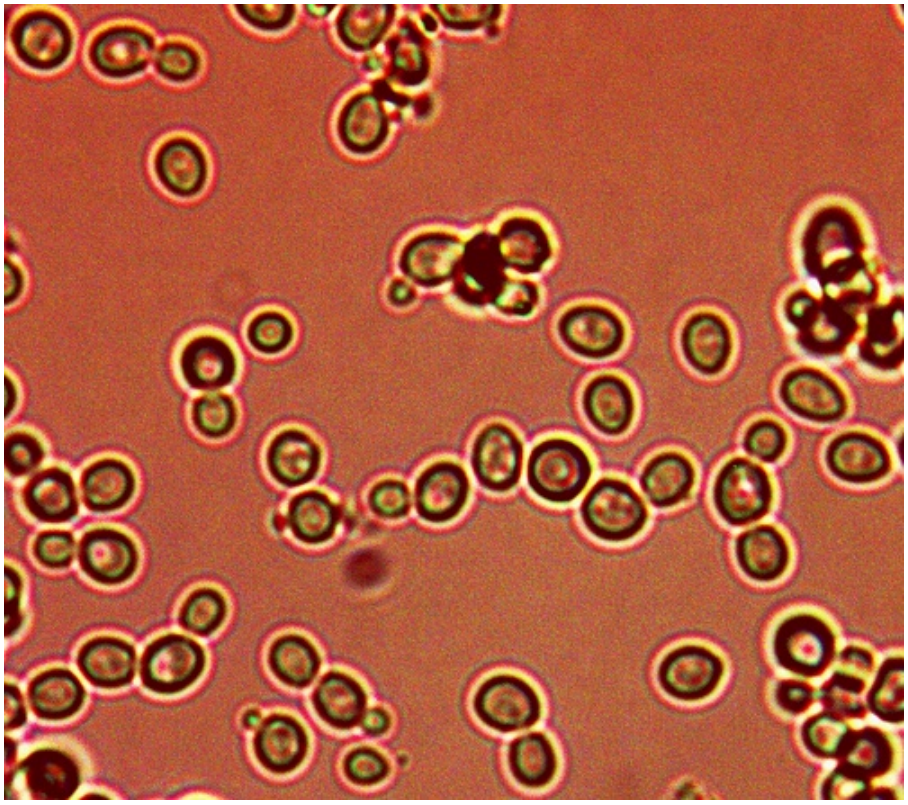
Cross Domain Bacteria (CDB) : Synthetic Blood & Hemoglobin

carnicominstitute.org/cross-domain-bacteria-cdb-synthetic-blood-hemoglobin/

Cross Domain Bacteria (CDB) : Synthetic Blood & Hemoglobin

Clifford E Carnicom
Nov 06 2023

Testing information is available in the latter portion of this paper if you prefer to avoid an essay on our predicament.



Synthetic erythrocytes produced by CDB culture.
Original magnification 3200x.

A culture derived from the Cross Domain Bacteria (CDB) produces synthetic erythrocytes, or in common language, blood. The CDB are a synthetic, engineered xenobiotic life form that is deeply embedded into the history of Carnicom Institute (CI) research over a period of decades. Some readers will be familiar with the term “Morgellons”, a tragic “disease” that has afflicted (and caused the death of) many over these same decades; this condition evolved as a deep point of study within CI. The myopic term “Morgellons” minimized and marginalized the impact and suffering by many over these same decades, and the term has been woefully insufficient from its inception. This has been written and spoken of for many years by CI. CI has also made a continuous effort to trumpet the neglect and dismissal of those that have suffered and that continue to suffer. This pall remains fully in force, and the formal health and governmental infrastructures are fully culpable for these consequences.

We now have a new era of attention upon us, which I have coined as the “Covid Era”. Many of us view it as startlingly new and distinct, the likes of which have never been seen before. This is only partly true. Our attention span is short, and we may easily forget that which remains important.

It will eventually be seen that there is a completely consistent lineage of health damage, most especially to human blood, that traces back from more than 25 years to the present day. The origin of that damage is the Cross Domain Bacteria (CDB), nomenclature assigned out of necessity due to failure of participation from the scientific and professional communities.

That importance here is one of context. “Morgellons” never left us, and the “Covid Era” has not replaced it; is has only added to the complexity of health demise now upon us. I have written a series of papers over the last few months that discuss issues such as:

1. A microbe (now understood to qualify as “synthetic”) that causes great damage and harm to human health (CDB).
2. Proteins created by living organisms, and their importance in the understanding of disease.
3. The necessity for culturing processes to be in place.
4. Physical and biological damage to the blood from this same particular microbe (CDB).
5. Phenomenal microscopic and biological observations, especially under the microscope and with cultures (some published, most not).
6. Blood coagulation and clotting (***the new kid on the block***).
7. Synthetic blood and fundamental scientific thresholds being crossed over on a sustained basis.
8. The importance of the sciences of chemistry, biology and most professional disciplines to carve out a path of understanding to what remains ahead of us and unknown. Chemistry and biology to no end.

Most of these subjects have been under my pen for more than a couple of decades now. That includes the topics of even this present paper. So we may ask, what is different now? Why must yet another paper be written?

The reason is twofold. It is item six on the list above, combined with the advent of the "*Covid Era*".

It is the assessment of this author that item six above is the most pressing concern before us. The health of the general population and environment is compromised in serious ways over decades now, and the source of that demise, at least in part, has been the focus of CI's history and research. Many have died or are dying, more than need be, and most of us bear the ravages of compromised health for the same reasons. CI has done its best to tell that story.

The "Covid Era" and purported "vaccinations" have introduced another layer of complexity into the picture, and that is that even more people are dying now. In the current situation, it appears to be largely traceable to an increase in coagulation, clotting, and further demise of the blood. You will see that this same blood has been the dominant theme of the list of 8 items above for the last 25 years. Hence, the understanding of that FURTHER AND INCREASED RATE OF DEMISE of the blood seems to be a sensible priority to me. And so it shall be from the CI perspective. Teams of highest caliber professionals of ethics and conscience should have been dedicated to this and related problems decades ago.

The prevention of many of the most fundamental diseases of human history can be traced to an understanding of the proteins created by that disease, i.e., alterations they make to the human body. Interruption of the growth of those same proteins is the key to prevention in most cases (Alzheimer's, Parkinson's Disease, HIV, and Mad Cow Disease (BSE) are good examples of such quests). This requires smarts, knowledge, resources, work, and likely some good fortune along the way.

What this requires is specific understanding, and not a generalized milieu of postulations or speculations that become self-rotating. The lay public admittedly has restricted access to resources, tools and skills but we must put our best foot forward. CI is after the what and how of blood coagulation, clotting and demise as well as a means of disruption of that same end. CI does not regard the complications of the *Covid Era* as singular in nature. I have said before that no one is in a position to fight if they are sick. The sickness goes back for many years, its origin is determinable to a large extent, and it is now exacerbated to a more visible form.

Thank you for bearing with this parley; the rest of the paper should be easier.

The short of it is that the synthetic blood now under production through culture is confirmed to produce hemoglobin. This statement deepens the consequences before us.

The tests are conducted on the polymer-synthetic blood matrix material in three stages in a progressive fashion. These test are not conducted on human blood; they are performed on a culture of the CDB. There is no cause to equate the synthetic blood as an exact match for human blood. This synthetic biology produces erythrocytes which share important similarities with human blood; they are, however, a distinctly synthetic creation that is to be discovered with its own biological and genetic nature. The synthetic biology is known to share fundamental traits and characteristics with human biology.

The first test demonstrates the characteristic reaction of hydrogen peroxide that occurs when hydrogen peroxide is combined with blood. As many are aware, a vigorous bubble or foam reaction takes place. This test is actually for the detection of catalase, an antioxidant enzyme that is found in nearly all living creatures that are exposed to oxygen. We may note that the color of the cultured polymer matrix material is white as opposed to the red of blood. It is a useful start to the process.

Catalase test on CDB cultured synthetic polymer matrix material
that is observed to produce synthetic blood.
A bubbling/foaming reaction is observed.

The next test is what is known as a presumptive forensic test for the presence of hemoglobin, known as the Kastle-Meyer test. This test uses the combination of the acid-base color reagent indicator phenolphthalein with both blood and hydrogen peroxide. This test will produce a distinctly bright pinkish color in the presence of hemoglobin. This test is positive for hemoglobin at the presumptive level.

Positive presumptive Kastle-Myer forensic test for the presence of hemoglobin.
Test conducted on cultured CDB polymeric matrix.

The final test was conducted with a digital meter designed specifically for the detection of hemoglobin. This test uses an electrochemical reaction in a fashion akin to that designed for electronic glucose meters. This is a test method designed specifically for the presence of hemoglobin, and it is above and beyond the presumptive level. The magnitude of hemoglobin (i.e., concentration) should not be regarded with special attention due to many other factors that can affect that result. A positive measurable test result of any kind here is highly significant and confirming for the presence of hemoglobin.

Positive test for hemoglobin.
Test conducted on cultured CDB polymeric matrix material.

This is actually another case where work has been replicated. At some point we are in a position to determine when a discovery becomes important. In addition to the synthetic blood topics brought to light in the history of CI research (please see Cross-Domain Bacteria (CDB) Protein : The Fallout Emerges, Sep 2023), we will find previous hemoglobin tests of record. Additional confirmation was conducted approximately 15 years ago using a similar progressive style, please see BLOOD ISSUES INTENSIFY, (Apr 2009).

Once again, the difference in the case from that of previous work is that this stems from an isolated culturing process under more highly defined conditions, and the situation can be created at will. This is a critical difference that affects the progress of current and future work.

This stage of discovery and confirmation further cements the importance of a comprehensive understanding of the Cross Domain Bacteria (CDB). The proper and exact knowledge of this specific, identified, and cultured synthetic biology will provide many of the answers that we all require.

Clifford E Carnicom
Nov 06 2023

Born Clifford Bruce Stewart
Jan 19 1953

Human Transformation : Synthetic Blood, Bioplastics, and the Global Blood Clot

carnicominstitute.org/human-transformation-synthetic-blood-bioplastics-and-the-global-blood-clot/

Human Transformation : Synthetic Blood, Bioplastics,
and the Global Blood Clot

Clifford E Carnicom
Nov 18 2023

Although the work remains in infancy in a relative sense, certain facts can now be stated with certainty. The human race is in a state of biological transformation. Whether this transformation will lead to extinction of our species as we know it is uncertain, but it is quite possible.

The source of that transformation is synthetic biology introduced onto the planet a minimum of 25 years+ ago. More specifically, it is a genetically engineered microbe (synthetic biology) at the root of the matter; this was named out of necessity by Carnicom Institute (CI) approximately a decade ago as a *Cross Domain Bacteria* (CDB). As has been mentioned, nomenclature was introduced only after the scientific and professional communities perpetually failed to participate in the disclosure. The nomenclature continues to be justified in a technical sense as laboratory evidence accrues.

The purpose of this paper is to explain from where and how the increased coagulation and clotting of blood, as more commonly reported during recent years, is occurring.

In essence, here is what is taking place, from the opening CI laboratory notes of Nov 17 2023:

“The picture looks increasingly clear. It would seem that we have a genetically engineered co-polymerization process taking place here. The process involves synthetic blood, an aromatic protein polymer, and a synthetic rubber equivalent polymer. Their origin is the Cross Domain Bacteria (CDB). The result is increased coagulation or a clotting of the blood. The end result is definitely a lethal threat.”

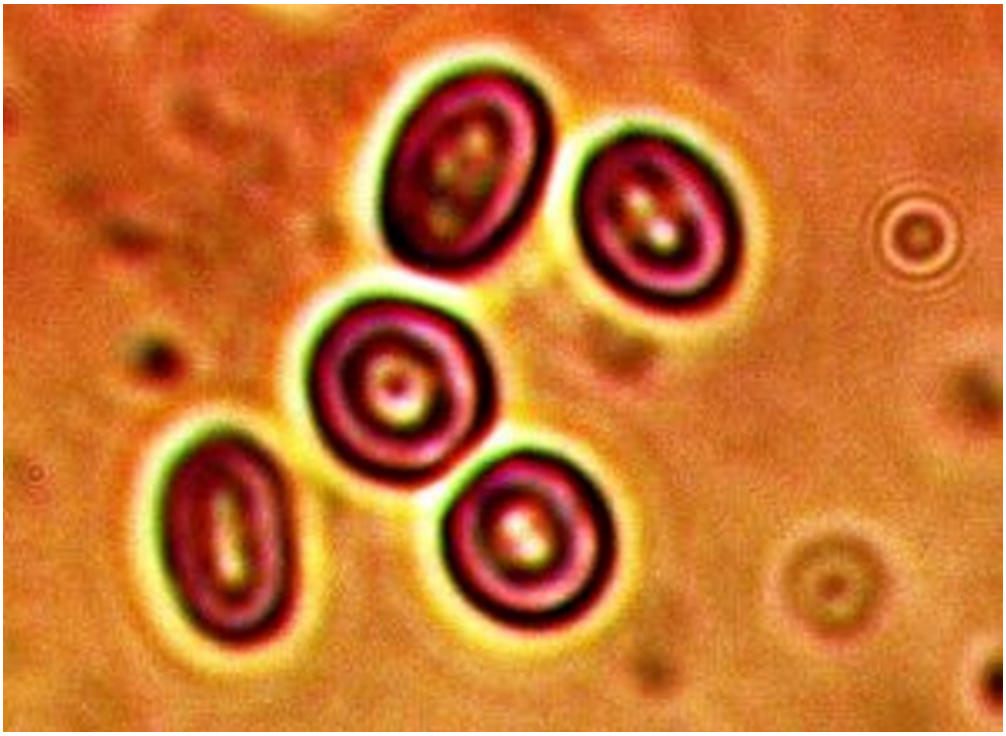
You may consider the above to be the abstract for this paper if you wish to go no further.

CI has maintained a focus on this particular microbe for many years. It has seeded itself throughout all biology on this planet in ways that most of us would rather deny. There are relationships between this synthetic biology and the "*Covid Era*", as I call it, even if not yet fully understood or properly defined. **One thing that does bind non-consensual geoengineering, bioengineering, decades of assimilated synthetic biology, and the *Covid Era* together, however, is your *blood*.** The synthetic biology world is far more advanced than many of us are aware of, and we can go back more than 25 years to start learning how so.

A paper that strongly introduces the synthetic blood and biology reality is:

Cross Domain Bacteria (CDB) : Synthetic Blood & Hemoglobin (Nov 2023)

(As an additional note on that paper, another physical property in the synthetic blood has been matched beyond the existence of hemoglobin. This property is the isoelectric point, and it is a measure of the electrical charge of a protein. By the method of titration, there is a match found between the dominant isoelectric point of the human blood proteome and that of the synthetic blood.)



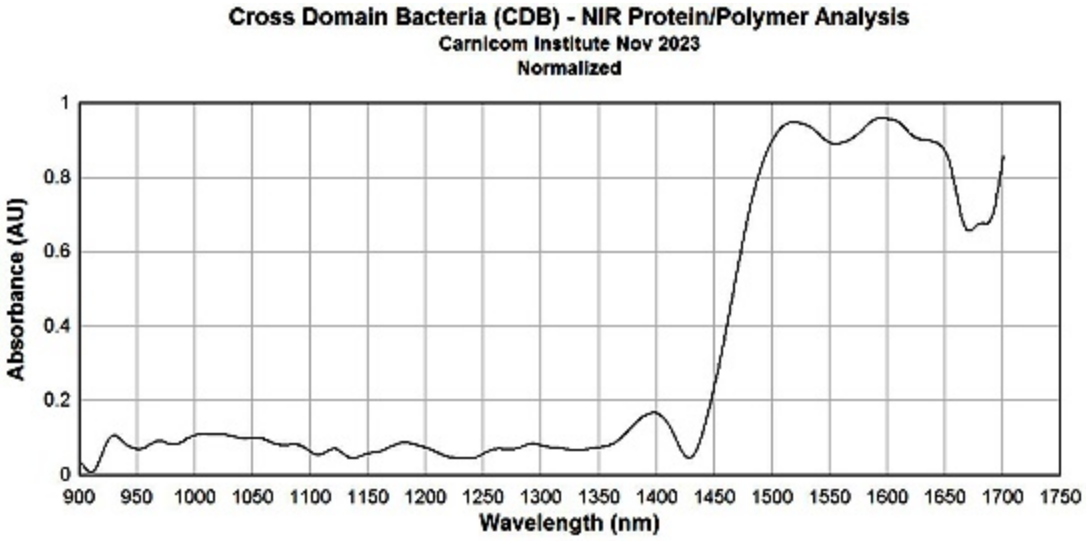
Synthetic Blood Cells from Cultured Cross Domain Bacteria (CDB)
(CDB can also be seen within the cells)
Original magnification 8000x

The deduction of clot forming ability from synthetic biology culture information in comparison to an actual human clot requires some effort; let us begin by studying some of the products of the culturing process. The culturing process of the CDB can produce many different protein manifestations and that is an entire discussion in its own right. However, a dominant metabolic product is a water soluble protein complex. Let's focus on that product for now, as that compound alone is sufficient to produce the synthetic blood.

The fact that it contains a water soluble protein is extremely important in its own right; it means that it will easily distribute itself throughout the body. The protein solution in this native form is highly acidic, and that too will have its own discussion over time. In addition to this, the nature of the protein solution is very sensitive to pH (acid or base) changes. The importance of these properties such as solubility, pH, and temperature will become apparent over future months as we delve into them more deeply.

It will be found that this protein(s) solution can be further separated into two components by pH control, one which remains in solution and the other a precipitate. For the purpose of this paper, let us select the portion that remains in solution.

This is where the discussion that leads to synthetic blood and polymerization (i.e, protein-bioplastic/synthetic rubber development) begins. A tool that is almost always helpful to understand the nature of matter is infrared spectrometry, and here is some additional information for us:



Near infrared (NIR) spectra of Cultured CDB Protein/Polymer

The spectrum above is a signature of the response of the CDB solution mentioned above to infrared energy. A high level of uniqueness exists within infrared spectra.

(On the technical side, what interests us here is the right side of the plot, where we have high absorbance of infrared energy taking place between 1500-1650 nm. We will also give additional attention to the defined peaks at ~1520, ~ 1598 and ~ 1640 nm. The 1520 nm

region corresponds to amide, polyamide, and amine functional groups. The 1598 region corresponds to the polyamide groups. The 1620-1640 nm range corresponds heavily to vinyl groups. (Source: Practical Guide & Spectral Atlas for Interpretive Near-Infrared Spectroscopy, CRC Press)).

In general, we have high absorbance in the protein and vinyl groups of NIR. This plot is only one of many compounds and derivatives that the CDB culture can produce. Ultraviolet (UV) spectroscopy further confirms the existence of protein as well as polymers within this separated solution. Physical and microscopic observation as well as qualitative polymeric chemistry also fully support the claim of polymerization that is active. Dozens of additional analyses completed or that are active support the conclusions of this paper.

This is the making of a blood clot when you know that the originating synthetic biology produces polymeric proteins, polymeric bioplastics and synthetic blood.

The clotting process from the CDB has also been observed under the microscope and is further described at:

Cross Domain Bacteria (CDB) Protein : The Fallout Emerges (Sep 2023)

This investigation is only one phase of what the CDB is observed to be capable of. This analysis alone is sufficient to provide an understanding of the human blood clots that have been studied previously. Please also see:

Blood Clot Analysis From Living & Deceased Individuals Shows Consistent Findings: A Rubber Like Polymerized Protein (Jul 2023)

The Covid Era has undoubtedly introduced its own complications into the web of synthetic biology that we have entered for a minimum of the last 25 years. It is not, however, sufficient to explain the depth nor the impact of damage that precedes it and that now envelops us with its accompanying global scope. Two and a half decades of synthetic biology is. We had best extend our our eyesight to understand the extent and threat of our condition.

And thus, the purpose of this paper has been met. It represents only one portion of the claims that are now justified based upon the existence of this synthetic biology. This singular issue may well affect, however, the fate of the human race.

If we wish to understand how and why reports of increased blood clotting (and death) are occurring, we may start here.

Clifford E Carnicom
Nov 18 2023

Born Clifford Bruce Stewart, Jan 19 1953

Carnicom Institute Research : 2023 Abstracts (Audio available)

carnicominstitute.org/carnicom-institute-research-2023-abstracts/

Title	Author	Date	Carnicom Institute Research : 2023 Abstracts **AUDIO VERSION** Abstract
Human Blood vs. Synthetic Blood : The Path to the Blood Clot	Clifford E Carnicom	12/14/2023	The article discusses the role of synthetic biology, specifically the Cross Domain Bacteria (CDB) identified by the Carnicom Institute (CI), in the increased clotting of human blood. The author presents the components of the synthetic blood clot, including synthetic blood cells, a synthetic protein complex, and an insoluble synthetic polymer matrix. The presence of CDB within the clot is also noted. The article emphasizes the importance of understanding the structure and composition of synthetic blood clots to develop strategies for mitigation. The author highlights that human blood has been significantly affected by CDB for over two decades, leading to coagulated and damaged blood structures becoming the norm. The article explores the basis for the increased coagulation of human blood, focusing on the alteration of the electrical charge nature of blood due to the introduction of foreign proteins, such as CDB, which reduces the repelling force between red blood cells and increases their attraction, leading to clotting. The article provides visual comparisons between normal human blood and CDB-created synthetic blood cells, showcasing the differences in their appearance. The role of CDB in the clotting process is discussed, including the proliferation of CDB, the development of protein complexes and synthetic blood, the production of polymers, the growth of biological filaments, and the production of DNA. The article mentions that

			CDB culture produces DNA/nucleic acids, and the presence of DNA is confirmed through various methods. The article also states the connection between CDB and the condition known as “Morgellons,” stating that the polymerized-bioplastic proteins formed by CDB in blood clotting are the same proteins that manifest in Morgellons. The author emphasizes the need to recognize the impact of CDB on the body and the blood and calls for a deeper understanding of the scope of the assault on the human species.
Human Transformation : Synthetic Blood, Bioplastics, and the Global Blood Clot	Clifford E Carnicom	11/18/2023	The text states that the human race is undergoing a biological transformation caused by a genetically engineered microbe known as Cross Domain Bacteria (CDB). This synthetic biology has been present on Earth for at least 25 years and is responsible for increased coagulation and clotting of blood. The CDB produces a water-soluble protein complex that can distribute throughout the body and has the ability to form synthetic blood and polymers. The paper discusses the properties of the CDB solution, including its response to infrared and ultraviolet spectroscopy, as well as its ability to polymerize and form blood clots. The author states that understanding this synthetic biology is crucial to comprehending the increased blood clotting observed during the “Covid Era” and the potential threat it poses to the human race.
Cross Domain Bacteria (CDB) : Synthetic Blood & Hemoglobin	Clifford E Carnicom	11/6/2023	The paper discusses the production of synthetic erythrocytes, or blood, by a culture derived from the Cross Domain Bacteria (CDB). It highlights the long-standing research on Morgellons and the health damage caused by CDB. The author emphasizes the importance of understanding the damage to human blood, particularly in the context of the current Covid Era. The paper presents tests conducted on the synthetic blood, confirming the presence of hemoglobin. It concludes that a comprehensive understanding of CDB is crucial for addressing the health issues associated with it.

Cross Domain Bacteria (CDB) : The Destruction of Blood	Clifford E Carnicom	10/27/2023	The text discusses the research conducted by the Carnicom Institute on the Cross Domain Bacteria (CDB) in relation to human blood conditions. It claims that the CDB, which is a form of synthetic biology, is responsible for damaging human blood cells. The research shows that the CDB invades and destroys the cells, resulting in a loss of oxygen carrying capacity, nutrient distribution, and toxin removal. The paper also mentions the potential impact of vaccinations on human electromagnetics and suggests a connection to the CDB's effects on blood. The research aims to understand the mechanisms and consequences of blood damage caused by the CDB.
Cross Domain Bacteria (CDB) Protein : The Fallout Emerges	Clifford E Carnicom	9/26/2023	The text discusses the discovery of a complex water-soluble protein isolated from Cross-Domain Bacteria (CDB) that has multiple variants of growth forms. These include immature and mature protein crystals, polymer formation, synthetic red blood cells, synthetic blood clotting, budding biological growth, chain CDB formation, protein mass, CDB filaments, and filament production. The focus of the paper is on synthetic blood, specifically its appearance and confirmation within the culture work. The author references previous papers on artificial blood and the disclosure of a project by the Defense Advanced Research Projects Agency (DARPA) to develop synthetic organisms. The author also shares photographs of genetically engineered, synthetic erythrocytes isolated from CDB protein culture, as well as synthetic blood clots formed by a combination of CDB filaments, synthetic erythrocytes, and a polymer matrix. The author concludes by mentioning collaboration with other researchers on investigating blood clots and the anticipated impact on human health.

Cross Domain Bacteria (CDB) Protein : Exotic Crystal Biology	Clifford E Carnicom	9/18/2023	The paper discusses the rarity of straight lines and right angles in nature, particularly in organic and biological systems. It highlights the difficulty of producing protein crystals, which are at the forefront of biological research and require advanced techniques such as X-Ray Diffraction. The paper presents images of protein crystals derived from Cross Domain Bacteria (CDB) and suggests that synthetic biology is in full force, possibly involving the manipulation of bacteria and genetic engineering to produce proteins. It raises questions about the origin and nature of these proteins, emphasizing the need for further investigation and engagement.
A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins	Clifford E Carnicom	9/2/2023	The Carnicom Institute has conducted extensive research on Cross Domain Bacteria (CDB) and its impact on human health. It has isolated four different proteins from CDB cultures, which they believe are responsible for various health issues, including blood coagulation and clotting during the “Covid Era”. The proteins have been studied for their characteristics and their potential harm to the human body. Protein No. 1 is water-soluble and has a polymeric form. Protein No. 2 varies in solubility and also has a polymeric nature. Proteins No. 1 and 2 can coexist in the culture solution. Protein No. 3 is a solid protein with a paste-like consistency. Protein No. 4 has been extensively examined and is associated with the “Environmental Filament” and the condition known as “Morgellons”. It also exhibits polymeric formation. The research aims to establish a deeper understanding of the impact of CDB on human health and explore potential mitigation strategies. However, without greater engagement and support, the progress of this work may be limited, and the human species may face an increased threat of extinction.

The Source of Blood Coagulation: Cross Domain Bacteria (CDB)	Clifford E Carnicom	8/6/2023	The author of the paper argues that the primary cause of increased blood coagulation in the “Covid Era” is the Cross Domain Bacteria (CDB), a synthetic or natural biological entity. The paper relies on microscopy to make its case and includes historical context. The author presents images from both dried blood smears and live blood microscopy to demonstrate the differences in blood appearance and behavior. The presence of CDB is observed in the blood samples, and its impact on blood coagulation is discussed. The author emphasizes the need for further research and expresses concern about the potential threat to human health.
Carnicom Institute : Mirror Sites Available	Clifford E Carnicom	2/22/2023	The Carnicom Institute, a research organization, now has two mirror sites available for access. The first mirror site can be found at https://carnicominstitute2.org/ and the second at https://mirror.carnicom.com/. It is recommended that users download and archive the primary research information in PDF format from https://library.carnicominstitute.org/ as the future of the Carnicom Institute website is uncertain. The institute has conducted extensive research on environmental and biological transformation, with over 400 research papers and 5000 pages of laboratory notes. The development of additional mirror sites is encouraged, and correspondence regarding archiving the CI Library information is welcomed at [info@carnicominstitute.org].

Carnicom Institute Research : 2022 Abstracts (Audio Available)

carnicominstitute.org/carnicom-institute-research-2022-abstracts-audio-available/

Carnicom Institute Research : 2022 Abstracts – **AUDIO VERSION**

Blood Alterations I : Coagulation

Clifford E Carnicom

8/27/2022

This paper from the Carnicom Institute discusses the observation of blood coagulation phenomena in the human species. The study examines four random blood samples from senior citizens who have not received any COVID vaccinations. The samples show significant disturbances in the blood, including rouleaux, agglutination, and clotting. The presence of the “cross-domain” bacteria (CDB) is also observed, which has been studied by the Carnicom Institute for the past 25 years. The paper highlights the need for further research to understand the effects of the COVID era and vaccinations on human health and blood. The findings suggest a serious concern for the future health and welfare of the human species.

Blood Alterations II : Means & Methods

Clifford E Carnicom

7/18/2022

This paper is Part Two of a series on blood alterations. The research was conducted between February and May 2022 using portable instrumentation. The study aims to examine the state of human blood samples and understand any changes observed. Various methods were employed, including electrochemical analysis, visible light spectrometry, near infrared spectrometry, microscopy, protein detection, enzyme analysis, centrifugation, and magnetism. Electrochemistry, in particular, was found to be a powerful tool for inorganic chemical analysis. The paper provides an overview of electrochemical techniques such as linear sweep voltammetry, cyclic voltammetry, and AC voltammetry. Visible light spectrometry and near infrared spectrometry were used to analyze color and functional groups in the blood samples. Microscopy was essential for initial observations, while protein detection and enzyme analysis helped identify protein concentration and composition changes. Centrifugation was used for component separation, and magnetism was briefly mentioned as a potential area of future research. The author emphasizes the importance of preserving and distributing this report globally.

Blood Alterations III : Blood Alterations III : Transformation

Clifford E Carnicom

7/28/2022

In this paper, titled “Blood Alterations III: Transformation,” the author discusses the findings of their research on the effects of low magnitude electrical current on blood samples. They found that applying this current resulted in a transformation of the blood, where it became dominated by a microbial life form known as cross-domain bacteria (CDB). The author describes the process of using AC voltammetry and chronopotentiometry techniques to examine the blood samples. They observed the formation of frothy material and filaments, as well as the presence of a suspected foreign protein. The author also discusses the potential implications of these findings, including the alignment of the generated proteins and the influence of electromagnetic fields and injections on the human body. The paper concludes by emphasizing the significance of the research and the need to distribute and preserve the report series.

Blood Alterations IV : Foreign Protein Analysis

Clifford E Carnicom

8/19/2022

This paper discusses the use of analytical laboratory techniques, particularly electrochemistry, to analyze foreign proteins found in a blood sample. The focus is on the results of the analysis using AC voltammetry. The paper lists the chemical constituents identified in the blood sample after exposure to low magnitude DC electrical current. The identified constituents include halogens, peroxide, hydrazoic acid, electrolytes, metals, nitrogen and sulfur compounds, and phosphate compounds. The paper also mentions the importance of control samples, sensitivity of the analysis, and the analysis of different layers of the blood sample. The implications of the identified compounds in blood and their potential health effects are briefly discussed. The paper also mentions the use of near infrared analysis to identify organic functional groups and the potential role of enzymes in disrupting foreign proteins in the blood. The author emphasizes the need for further research and the distribution of the report.

Blood Alterations V : Sources of Current

Clifford E Carnicom

10/6/2022

This paper discusses the various sources of electrical current that can potentially transform human blood. The author explores different sources such as the human body itself, motion of a conductor within a magnetic field, artificial ionospheric layers, electromagnetic waves, cyclotronic resonance, ground wave propagation, tropospheric-ionospheric ducting propagation, ambient electromagnetic fields, motion of a magnetic field within a conductive environment, direct laboratory evidence of electromagnetic influence on bacteria, ionospheric heater technology (e.g., HAARP), satellite propagation of electromagnetic fields, modern devices and technology (such as cell phones and wireless EMF), and electromagnetic modification of human biology (e.g., vaccine technology, pharmaceutical injections, genetic modification). The author suggests that these sources may play a role in transforming blood and calls for further research and investigation.

Blood Alterations VI : Implications and Consequences

Clifford E Carnicom

10/9/2022

The final paper in the “Blood Alterations” research series by the Carnicom Institute discusses the implications and consequences of blood transformations. The author introduces the concept of a “kill switch” and “selective decimation” as potential outcomes. They suggest that the human race may face extinction if sufficient current is delivered globally, transforming the

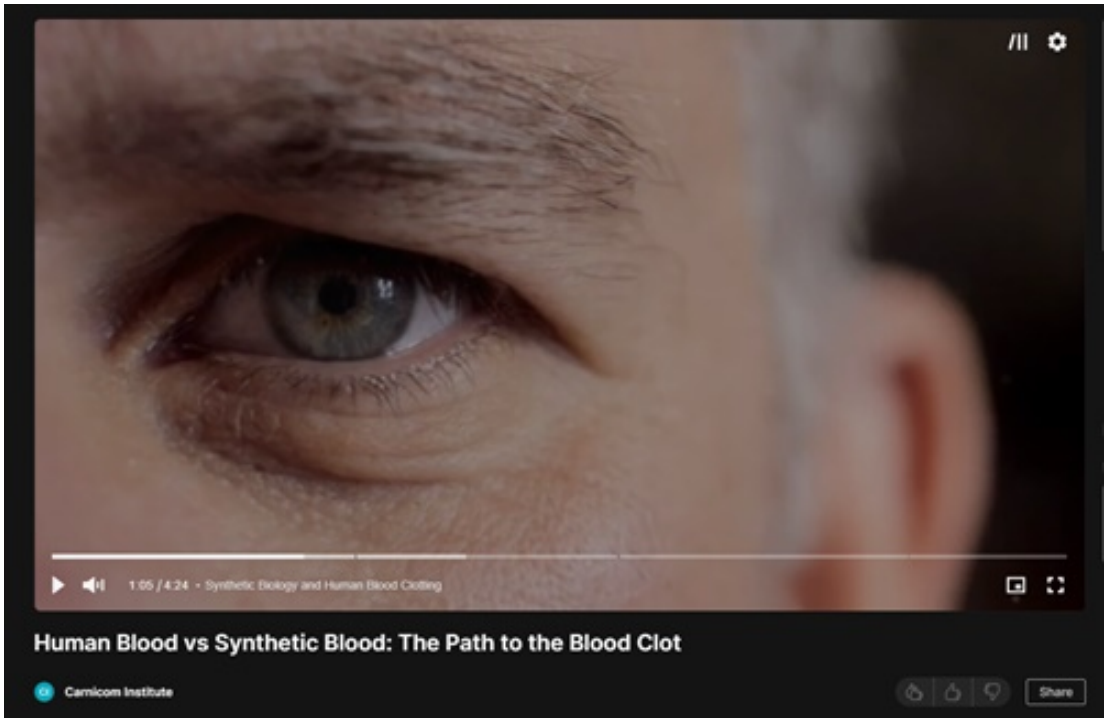
blood. The author also mentions the possibility of a global Electromagnetic Pulse causing extinction. They argue that it is important for humanity to confront these potential realities. The paper suggests that a process of selective decimation may already be operational, with unexplained increases in mortality rates and other clues. The author emphasizes the need to understand the consequences of the vaccine campaign and urges the distribution and preservation of the report.

Carnicom Institute : Research Summary Media

carnicominstitute.org/carnicom-institute-research-summary-media/

Jan 2022 – Dec 2023

VIDEO:



Human Blood vs. Synthetic Blood : The Path to the Blood Clot
Dec 23 2023
(commercial stock imagery used in production)

Unveiling the Mysteries of Cross Domain Bacteria
Dec 04 2023
(commercial stock imagery used in production)

AUDIO:

Carnicom Institute Research : 2023 Abstracts – **AUDIO VERSION**

Carnicom Institute Research : 2022 Abstracts – **AUDIO VERSION**

Human Blood vs. Synthetic Blood : The Path to the Blood Clot

carnicominstitute.org/human-blood-vs-synthetic-blood-the-path-to-the-blood-clot/

Human Blood vs. Synthetic Blood :
The Path to the Blood Clot

Clifford E Carnicom
Dec 14 2023

The synthetic biology identified by Carnicom Institute (CI) under the name of Cross Domain Bacteria (CDB) is the primary agent responsible for increased human blood clotting over recent years. This conclusion is based upon extensive observational and analytic study of the CDB under controlled conditions.

It is to be reiterated that the welfare of the human race is at stake within these discussions. Please see previous papers over recent months and years to understand the basis of this reality.

There are three minimum components to the synthetic blood clot: synthetic blood cells, a synthetic protein complex (proteome) and an insoluble synthetic polymer matrix. The addition of embedded CBD produced filaments within the clot (as has been shown previously) only extends the damage further. Each of these components has now been isolated and identified within CI research.

This paper will outline the progression that leads to the conclusions above . Comprehension of this structure is a prerequisite to the logical development of inhibitory and beneficial mitigation strategies of the future. We are decades behind the curve in this process as it stands. Progress can be made, nevertheless, under limited means.

Some papers cannot be discussed in a few paragraphs; this is one of them. A summary form may appear at a later time. Note: Technical portions of the work may be enclosed in parentheses, and they can be read per preference.

For historical context of CDB nomenclature, please see Cross-Domain Bacteria Isolation, May 2014.

Five sections of this paper exist. They are:

I. A Visual Comparison Between Human Blood and the CDB Synthetic Blood

II. A Basis Established for the Increased Coagulation of Human Blood

III. The Clotting of Blood

IV. DNA Production

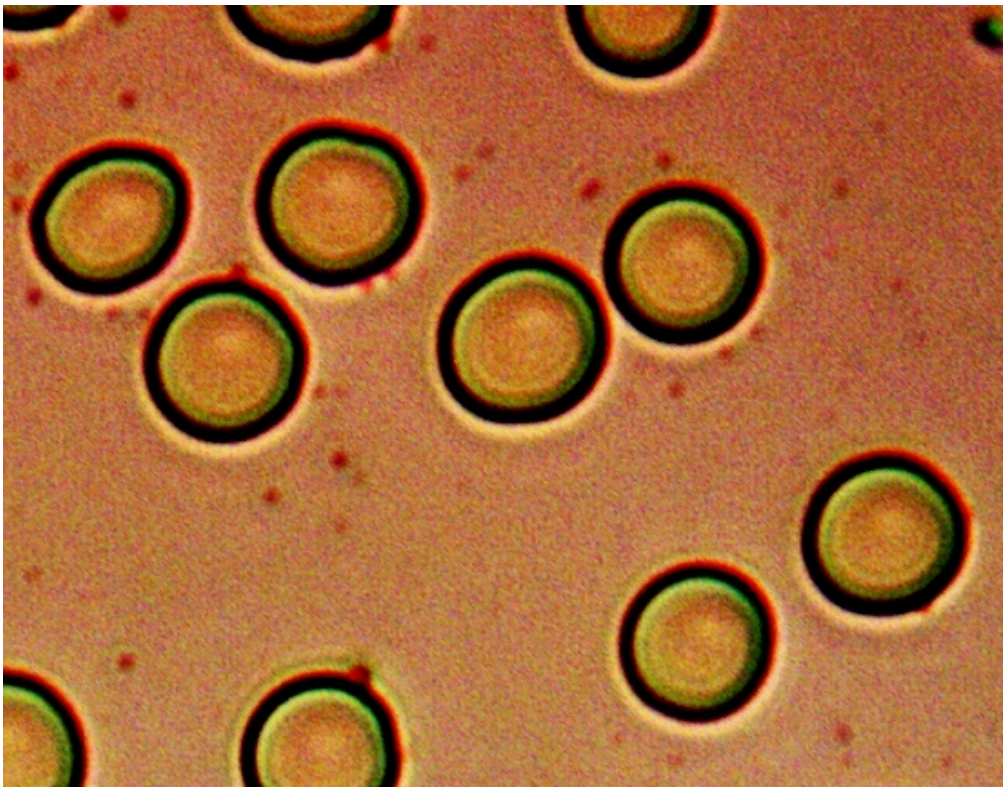
V. Beyond the Blood Clot

Section I: A Visual Comparison Between Human Blood and the CDB Synthetic Blood:

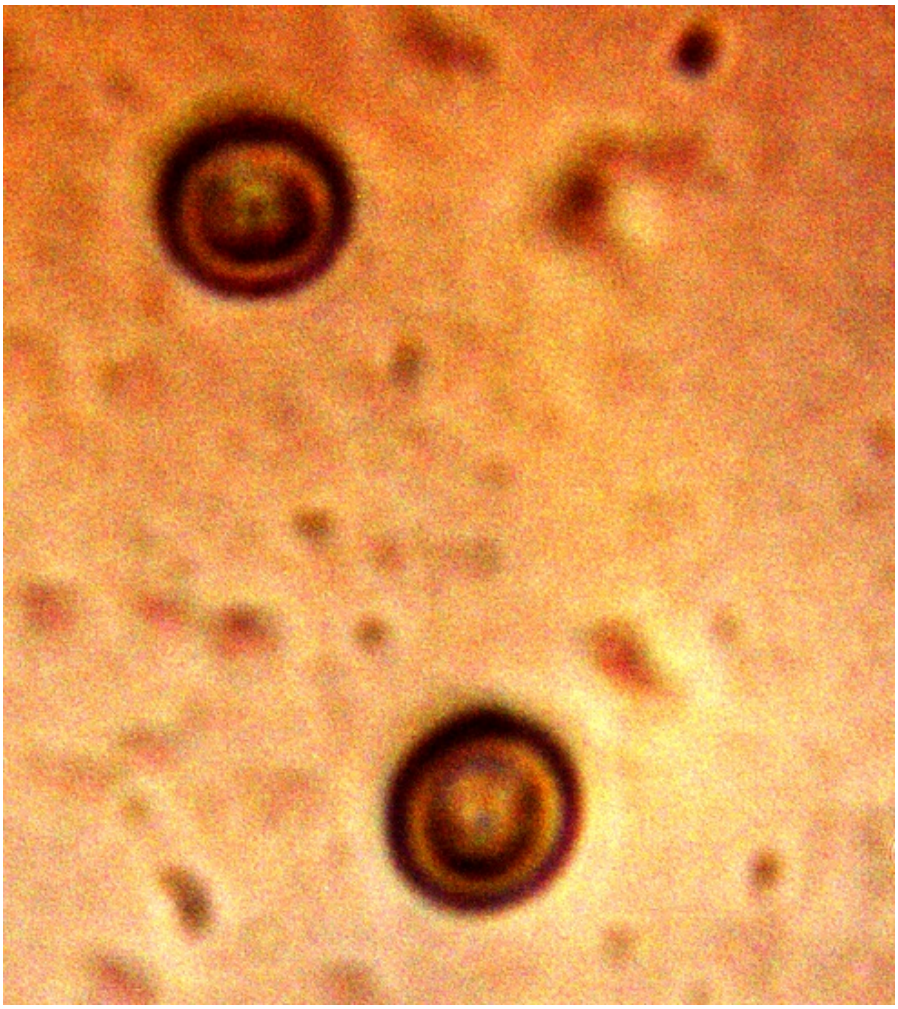
Summary of Section I:

What is known, then, is that the synthetic blood shares many similar properties with human blood, especially that of hemoglobin, but that it also is most certainly not "human blood". It is a genetically engineered blood (xenobiotic) that interacts with and affects blood in ways that are highly detrimental to human health. This includes blood coagulation and blood clotting.

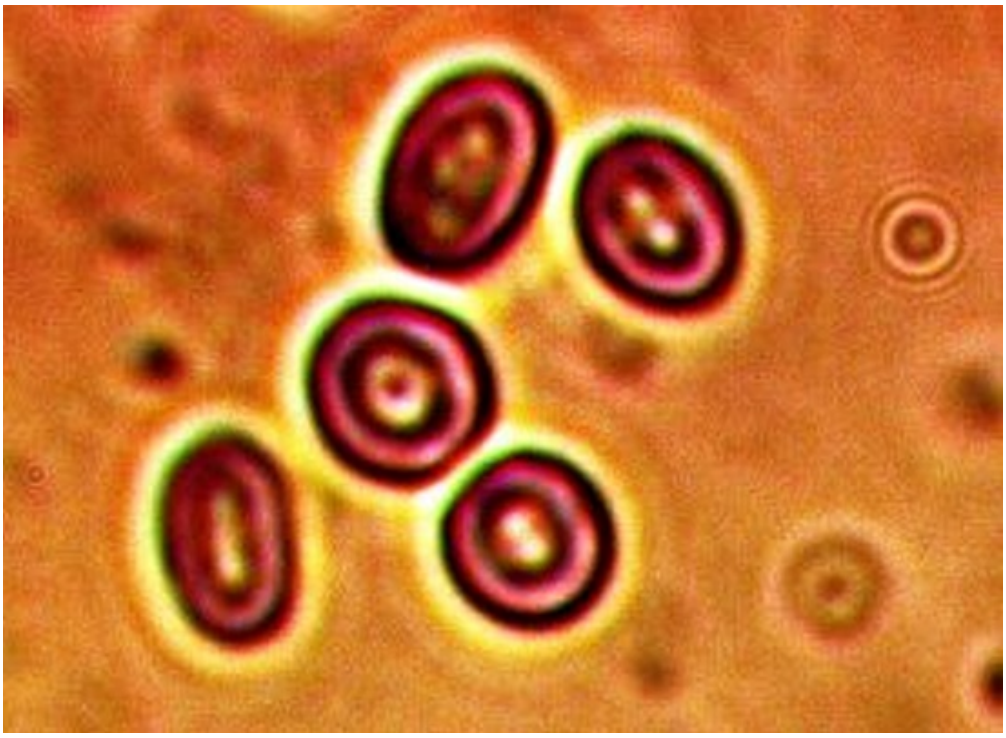
Let's start by looking at "normal" blood vs. CDB created synthetic blood cells.



"Normal" Human Blood
Original Magnification 3200x



Synthetic Blood Cells (Erythrocytes) from Cross Domain Bacteria (CDB) Culture
Original Magnification 8000x

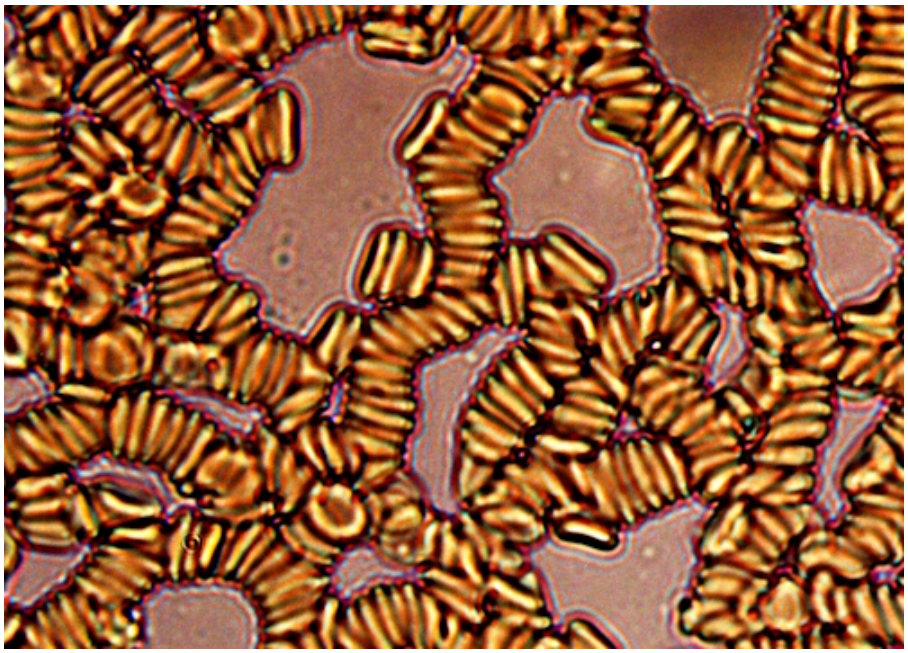


Synthetic Blood Cells (Erythrocytes) from Cross Domain Bacteria (CDB) Culture
CDB can be seen within these cells.
Original Magnification 8000x

Visually we have a case at the onset for the claim of synthetic blood being produced. The manner of production is most remarkable, however, as the synthetic blood cells develop from culture.

One of the issues that arises is that it is quite difficult to say what is “normal” blood anymore. Human blood has been affected on a broad level by the CDB for more than two decades. CDB are omnipresent in human blood.

The photo of “normal” blood in the case shown above seems to be rare now. CI’s research as well as the research of many others now testifies to that account. Coagulated, malformed, or damaged blood structure is the norm, as has been discussed in countless papers. The following example is unfortunately all too common:



Human blood commonly showing extensive rouleaux and aggregation.
The reference of “normal” can no longer apply.
Original magnification 3200x

_____

Section II: A Basis Established for the Increased Coagulation of Human Blood:

Summary of Section II:

Red blood cells have a negative charge. This charge causes the cells to repel one another and prevent coagulation. If foreign proteins (i.e., CDB) of a relative positive charge are introduced into the blood it will cause a reduction of this repelling force. The consequence of this is that red blood cells will then be more attracted to one another, causing the increased coagulation of blood.

The essence of this section is that an understanding of the alteration of the electrical charge nature of blood is almost certain to be a critical factor in understanding any increase in blood coagulation. This then further requires an understanding of the electrical nature of any foreign proteins introduced into that blood. The framework for that understanding may now be in place.

_____

Note: Technical portions of the work may be enclosed in parentheses, and they can be read per preference.

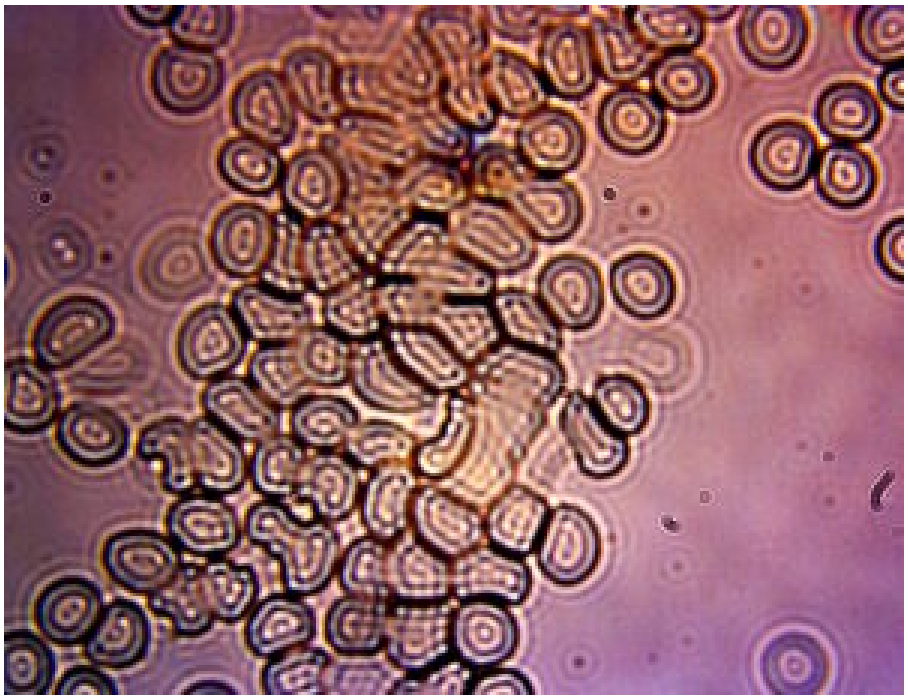
Let's get a couple of these in place, as they set the stage for a monumental consequence to consider:

((Note: "Red cell membranes have a negative charge (zeta potential) that causes red cells to repel each other. In **the presence of increased positively charged plasma proteins** such as fibrinogen or immunoglobulins, the negative charge on the red cell surface is diminished, allowing **red cells to stick together**." Ref. hematology.org)

("The isoelectric point (pI) of a protein is defined as the pH at which the net charge of a protein molecule is zero. ***Accordingly, proteins are positively charged at a pH below their pI and negatively charged at a pH above their pI***. The protein pI varies greatly from extremely acidic to highly alkaline values ranging from about 4.0 to 12.0. Hence, pI values have long been used to distinguish between proteins in methods for protein isolation, separation, purification, crystallization, etc. Amino acid composition of a protein sequence primarily defines its pI, based on the combination of dissociation constant (pKa) values of the constituent amino acids. Out of twenty common amino acids, two amino acids, aspartic acid, and glutamic acid, are negatively charged and three amino acids, lysine, arginine, and histidine, are positively charged at the neutral pH, as defined by their pKa values.")

Ref. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8667598/

(This looks like it may well have one answer. The pH of the culture is on the order of 3.8 (fairly strong acid). The dominant pH of the human blood proteome is 5.3. One primary protein pI of the CDB culture is also determined at 5.3. ***The pH of the CDB culture is lower than the dominant pI of the blood proteome as well as lower than the CDB culture pI.*** *This means that the blood proteins are being exposed to additional positively charged proteins with the introduction of the CDB.* ***This could explain increased coagulation****. – CEC)*



Human blood commonly showing extensive CDB blood damage.
The reference of “normal” can no longer apply.
Original magnification 8000x

Please see The Source of Blood Coagulation: The Cross Domain Bacteria (CDB) (Aug 2023) for one introduction to this problem. As additional insight as to the importance of electrical charge, the following comment was made within this same paper:

“The change and increase in coagulation/clotting appears to result from an apparent attractive force (i.e., electromagnetic, chemical, etc.) induced, aggravated or enhanced within blood that does show itself to correlate with the advent of the Covid Era.”

Research often has a way of completing a circle with extended gaps in between, and this may be another case of the return to a reasonable proposition.

The essence of this section is that an understanding of the alteration of the electrical charge nature of blood is almost certain to be a critical factor in understanding any increase in blood coagulation. This then further requires an understanding of the electrical nature of any foreign proteins introduced into that blood. The framework for this appears to be in place.

Additional rational, logical and evidence based mitigation strategies will arise from this proposition.

Section III: The Clotting of Blood

The primary agent that is responsible for the increased coagulation of blood over recent years IS the Cross Domain Bacteria (CDB), a synthetically engineered microbe. The case is made with both observation and extensive analysis.

The complete, specific and documented impact and relationship of the “Covid Era” purported “vaccinations” to the known properties of this microbe remain incomplete and inadequately defined by all parties at this point.

The clotting process consists of the following main stages:

1. The existence of the CBD within the blood (no known exceptions at this time).

2. The successful proliferation of the CDB given adequate nutrients and environmental conditions. This occurs within the human body and can also be accomplished with a culture process.

3. The development of a complex of numerous proteins by the CDB. One primary protein that remains under extensive study is water soluble. This protein(s) therefore has numerous ramifications for human health because of its ease of distribution and assimilation by the body.

4. The production of synthetic blood by this engineered, xenobiotic microbe.

5. The production of polymers that in lay terms corresponds to the world of plastics and synthetic rubber. Beyond synthetic blood, bioplastics are a crucial aspect of the CDB impact upon humans.

6. The development of extensive biological filament growth that, combined with synthetic blood and bioplastics, forms the epitome of a blood clot. The filament and bioplastic growth has a level of distribution throughout the entire body.

7. Exotic and sophisticated protein crystals development, fully indicative of “biological circuitry” are at hand.

8. DNA is also produced by the microbe and it can be isolated within the culture process.

_____

The study of the progression from CDB to blood has been active for several months.

Observation of the clotting process includes the visual and microscopic examination of:

1. The microbe itself and the interaction with human blood.
2. Extensive study of cultured products from the CDB.
3. The study of synthetic blood and polymer growth from the CDB.
4. The study of blood clots representative of the harm (potentially lethal) that now exists.

Over these previous months, there are approximately a dozen organic analytical techniques that have been applied to approximately three dozen sample variations (primarily of cultured origin) over scores of trials. The analytical methods include:

1. Ultraviolet Light Spectroscopy (UV)
2. Visible LIght Spectroscopy (VIS)
3. Near Infrared Spectroscopy (NIR)
4. Liquid Chromatography (LC)
5. Mid Infrared Spectroscopy (IR)
6. Titration
7. Refractrometry
8. Solubility Analyses
9. Digital Meter Instrumentation
10. pH Analysis
11. Qualitative Chemical Analysis
12. Centrifugation
13. Microscopy

A primary focus of the analytical techniques above is to gain chemical composition information on various states of the culture products and variations over time. The CDB is known to produce close to two dozen variations within the culture, especially of protein variation coupled with polymerization. The final result from this study is a listing of the organic chemical functional groups likely to exist within. Functional groups are the primary building blocks of organic chemistry, and the general nature and reactivity of compounds can be determined from them.

Of the roughly three dozen candidate functional groups or specific biomolecules identified within the samples, the list below is confined to those that demonstrate certainty or a very high probability of existence. This probability is increased with the repetition of functional group type across a variety of sample types, however, all candidates remain under further investigation. The certain or highly probable list (many other functional groups-structures-compounds are NOT to be dismissed) includes:

Vinyl
Methyl
Protein
Aromatic Amine
Alcohol

Alkyl Alcohol
Amide
Polyamide
Aromatic CH
Nucleic Acids – DNA
Vinylidene
Methylene
Hemoglobin
Tyrosine
Amine

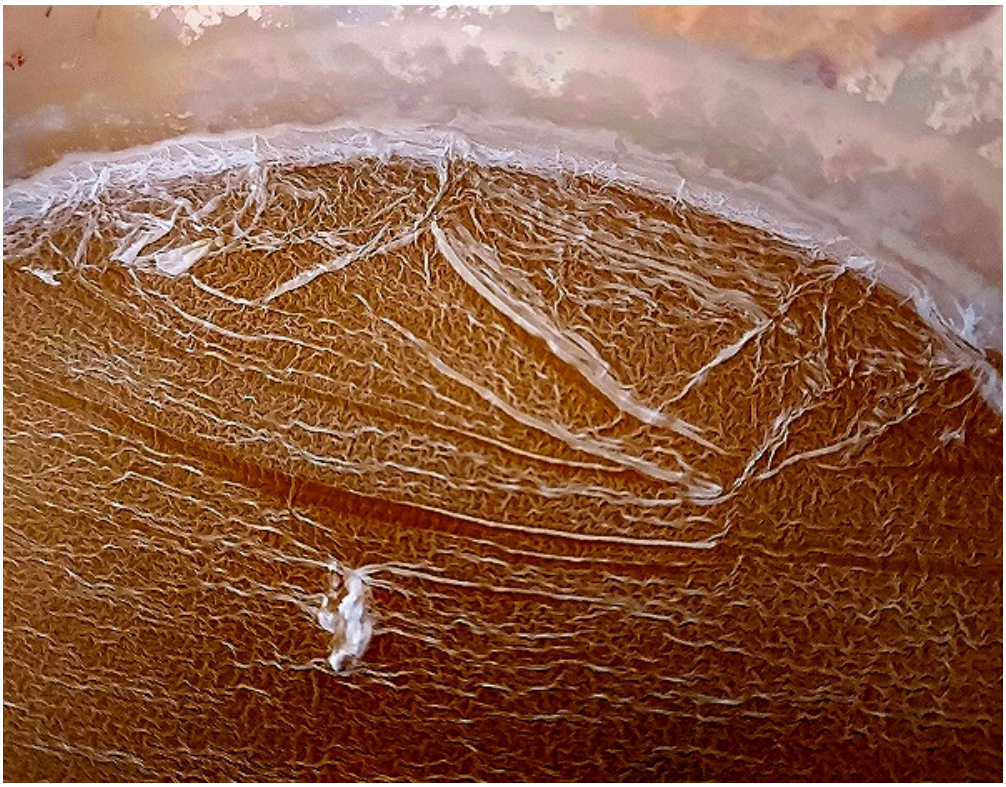
The combination of the items in the list above is fraught with possibilities from the organic aspect alone. The inorganic side (e.g., metals) adds another massive layer of complexity to the picture. There is, nevertheless, significant progress that can be made on the question of whether these materials can or do combine to clot the blood. The answer is yes. **The CDB is capable of, and does cause the clotting of human blood**. It also does more than that.

The general assessment and synthesis of the above information over the past several months is that polymerized proteins are created from the CDB. Proteins are the structures that derive from genetic instruction. Polymers are essentially chains of materials that extend and stabilize mass Examples include plastics, synthetic rubber, polyvinyl, polystyrene, nylon, etc. – these are most definitely not to be in the human body, . A rubber ball or a nylon rope is a polymer, and so is a rubberized or plasticized polymerized blood clot.

The CDB products, with an emphasis upon proteins and polymers, extend throughout the body beyond the blood. This is a inevitable conclusion, both by observation as well as the fact that water soluble proteins distribute quickly and easily throughout the body.

The original CDB metabolism is governed by water soluble proteins. This allows for the ease of distribution as mentioned above. These proteins will gradually form a more vast array of proteins and polymers, some of which will be soluble and others not. Synthetic blood will be a crucial development, as been documented prior. In addition, as we shall see below, DNA does enter the picture in time. There is no other conclusion that can reasonably be drawn other than a transformation of biology is in place, and the human race is a subject to it.

Examples of the synthetic blood and the presence of hemoglobin within it have been shown and written of. What follows are additional macro examples of the types of proteins and polymers formed by the CDB:



Polymer Formation within Culture by the Cross Domain Bacteria
Synthetic Blood is a component within this polymerized matrix.
Magnification 2x.

Fundamental Filament Protein Complex formed by the CDB.
Magnification 2x.

The CDB products shown above alone are visually sufficient to justify the claim of clot forming ability by the CDB, let alone with research presented in a previous paper:

Cross Domain Bacteria (CDB) Protein : The Fallout Emerges (Sep 2023)

There is, however, another step that can be taken to confirm that the CDB are responsible for the polymerization of proteins and the clotting of blood.

This involves a comparison of the tabulated chemical characteristics of CDB products (i.e., organic functional groups) with a physical blood clot (of a “rubberized”, or polymeric nature).

(An initial study was reported in the following paper in conjunction with Ana Mihalcea, M.D, PhD (please see Blood Clot Analysis From Living And Deceased Individuals Near Infrared Spectroscopy Shows Multiple Hydrogel Polymer Components – Part 2 of 3 – Dr. Ana Mihalcea With Clifford Carnicom, Jul 2023)).

The blood clot from a deceased individual has been examined again as a part of the studies reported here. This study is confined to the use of NIR. A comparison within this more exhaustive study is shown below:

CDB Functional Group – Structure Present	**Blood Clot Functional Group – Structure Present**
Vinyl	Vinyl
Methyl	Methyl
Protein	Protein
Aromatic Amine	Aromatic Amine
Alcohol	Alcohol
Amide	Amide
Polyamide	Polyamide
Aromatic CH	Aromatic CH
Methylene	Methylene
Amine	Amine

The claim of the ability of the Cross Domain Bacteria (CDB) to clot blood and the fact that it does clot human blood is clear.

Section IV : DNA Production

The CDB culture produces DNA/nucleic acids. This method to achieve this is not at all obvious and it requires approximately one to two months of progressive culture development. The result is confirmed with the combination of three different methods:

1. UV spectroscopy
2. NIR spectroscopy
3. Qualitative chilled ethanol separation from solution.

The UV study presents significant absorption at 260 nm, known to be representative of DNA existence. The 260 nm/ 280 nm ratio is a common method to assess the concentration ratio of DNA and protein. The UV absorbance profile is similar to that presented within the literature and leads to a DNA concentration level estimate of approximately 15% in solution.

The NIR spectroscopy reveals the existence of the hydroxyl group (dried sample), another signature of DNA presence due to the chemical nature of the base pairs of DNA.

Although visibly minute, the chilled ethanol separation method for DNA is sufficient to produce a visible white layer at the ethanol/solution interface. Such extractions have been repeated many times under CI research in the past and this visual result conforms to previous results (also involving numerous controlled studies of DNA extraction). DNA extraction from the CDB has been successful now on four occasions over the history of CI. A difference in this case is that the DNA is detected within solution vs. extraction from a solid. An attempt to seek identification of an analogous DNA sample to the domain level (biologically speaking) was refused, as accounted for in the paper, A Source of Global Harm: The Cross Domain Bacteria (CDB) Proteins, Sep 2023.

Section V : Beyond the Blood Clot

This section will be introductory only and hopefully will be discussed in more detail at a later time. Logically, and with evidence from more than two decades, there is no cause to conclude that the CDB impact is only upon blood. It produces water soluble protein complexes which distribute easily throughout the entire body. These protein complexes successively polymerize and create synthetic polymers (i.e., bioplastics) within the body as well as the blood.

It is now time to be more direct with the term of “Morgellons”, and its association with the current blood predicament known to originate from the CDB. The damage to the blood and the damage to the body from the condition known as “Morgellons” are of one and the same thing. I have attempted to make this relationship known through some earlier work completed, but it has not yet received the discussion it deserves. I intend to do so more in the future, in honor and recognition of those that have suffered, died, and continue to suffer in a way that should never befall any human being.

Briefly put, the polymerized-bioplastic proteins that form as result of the CDB in the blood clotting are the same polymerized-bioplastic synthetic biology proteins that manifest in the so-called “Morgellons” condition.

This equality can be demonstrated through scores of methods should we care to look at the data, much of which CI has actually already recorded within its history. The situation is now eased considerably, however, with CDB culture materials. NIR will show itself to be a valuable method to disclose the polymer and bioplastic nature of distributed and resident proteins.

The term “Morgellons” is a containment and a marginalization term, or at least it became so over the course of its introduction. Similar methods of manipulating social perception, comprehension and awareness were equally successful in the geoengineering arena. “Morgellons” was presented as a “skin condition” that marginally affected a few people that could, with proper management, be dismissed as “delusional”. Nothing could be further from the truth. “Morgellons” represents an entire assault on the body, including the blood, and I have attempted to make that known. It is the same as the assault we speak of here. It has always been more of a blood borne condition that anything else, but that message was not popularly received. We still have do not have the slightest knowledge of the number of people that have died nor is any attention paid to those that continue to needlessly suffer. It is past time that we accept the direct relationships that exist as well as the plight of our human condition. Our attention span is short, and we are certainly paying for it as a species.

The scope of assault upon the human species is difficult to grasp by many of us, but this does not obviate our responsibility to do so. Your problem to ponder, in the interim, is to ask whether the distribution of a water soluble toxic polymerizing protein complex (via synthetic biology) is restricted to the blood. My answer is no, and history, logic and condition show this to be the truth.

Clifford E Carnicom
Dec 14 2023

Born Clifford Bruce Stewart, Jan 19 1953.

Cross Domain Bacteria and Synthetic Biology Equivalence: Blood Clots, Skin Affliction & Polymers

carnicominstitute.org/cross-domain-bacteria-and-synthetic-biology-equivalence-blood-clots-skin-affliction-polymers/

Cross Domain Bacteria and Synthetic Biology Equivalence:
Blood Clots, Skin Affliction & Polymers

Clifford E Carnicom
Dec 31 2023

The equivalence of the impact of synthetic biology upon the blood and skin is again established. This equivalence is not limited to blood and skin, but distributes itself across human biology in general.

The progression of a xenobiotic microbe to increase blood clotting has recently been outlined in both written and video form. These are available at:

Human Blood vs. Synthetic Blood : The Path to the Blood Clot (5 min video, Dec 2023)

Human Blood vs. Synthetic Blood : The Path to the Blood Clot (article, Dec 2023)

For those that wish to retain a fictional or comfort version of the reality now upon us, some laboratory study might be helpful. Another starting point would be the exploration of the publicly disclosed activity and achievements in synthetic biology. Condemnation without appropriate effort is a hindrance to the truth and urgent progress required. It is no exaggeration that human biology is under siege.

This paper will continue to unveil the needless suffering that has taken place over recent decades, and the increase of that suffering to a state that is now harder to conceal. The summary phrase here might be that of skin, blood, and more frequent death.

The case has been made that the biological harm done to those classified under the condition known as “Morgellons” is of the same nature as that evident in increased blood clotting over recent years. The previous work mentioned will outline that case.

This paper will specifically look at an example of a surface skin manifestation of this “condition” and compare it to the the known properties of the Cross Domain Bacteria (CDB). It is mentioned again that this nomenclature exists only because of the extended failures of the health professionals to address the issues. Maybe this will be remedied some day and Latin will make its mark (remember *cirrus aviaticus*?), but the abhorrent neglect remains. It is true that it is beyond the comfort zone of most all of us, and it should be.

There are two tools (minimum) we can use here to fairly easily make the case for equivalency between skin and blood “problems”. Visual and spectroscopy.

The formation of “vinyl” polymers, or bioplastic chemical groups are at the heart of the metabolic activity of the CDB. This is a primary synthetic biology signature that cannot be ignored or dismissed. Plastics and polymers produced by a genetically engineered microbe should not be in the body. Fairly simple on that matter. Synthetic blood production is another fact to deal with. When we get to the point of stopping these processes (among others), as soon as possible, then we can work on the psychology and comfort zone of it all.

Here is an example of the skin condition that we can take as representative of the problem. As mentioned, the blood clotting situation has been addressed in some detail within previous papers. Here we will focus on observable and measurable damaged skin conditions with an eye to compare the two.

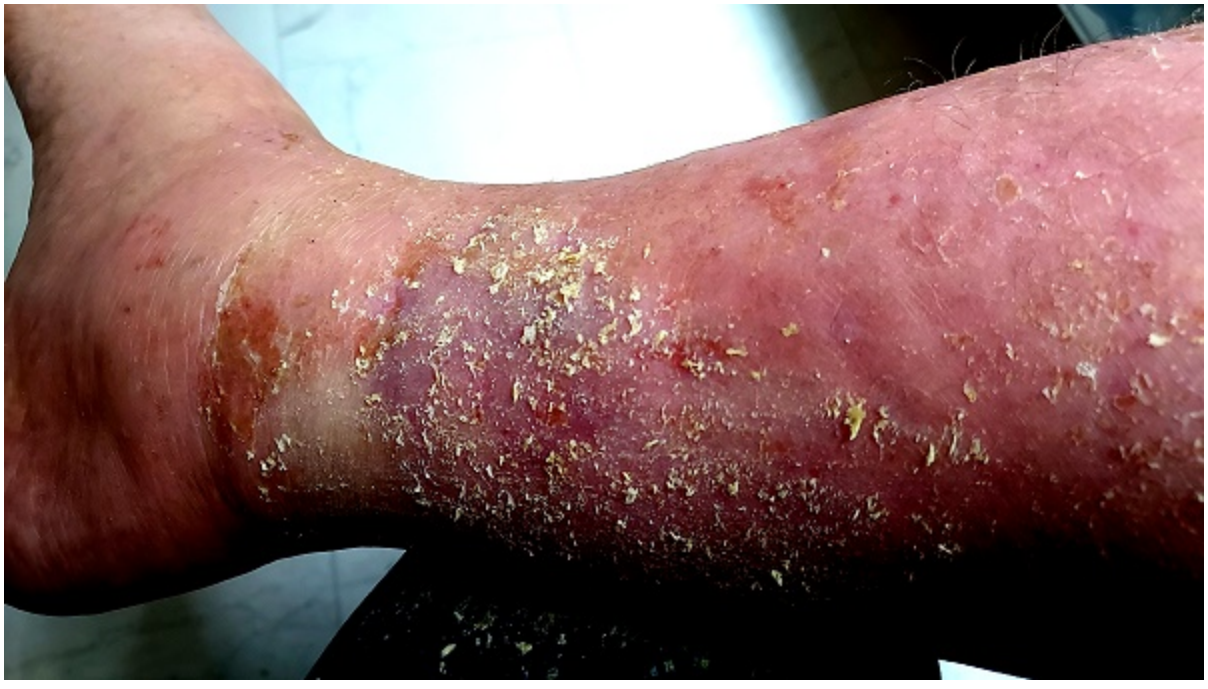


Photo 1
CDB impact upon skin (relatively severe)
(approximate duration 1 1/4 years)
(Colloquially known as “Morgellons” – nomenclature discussion)

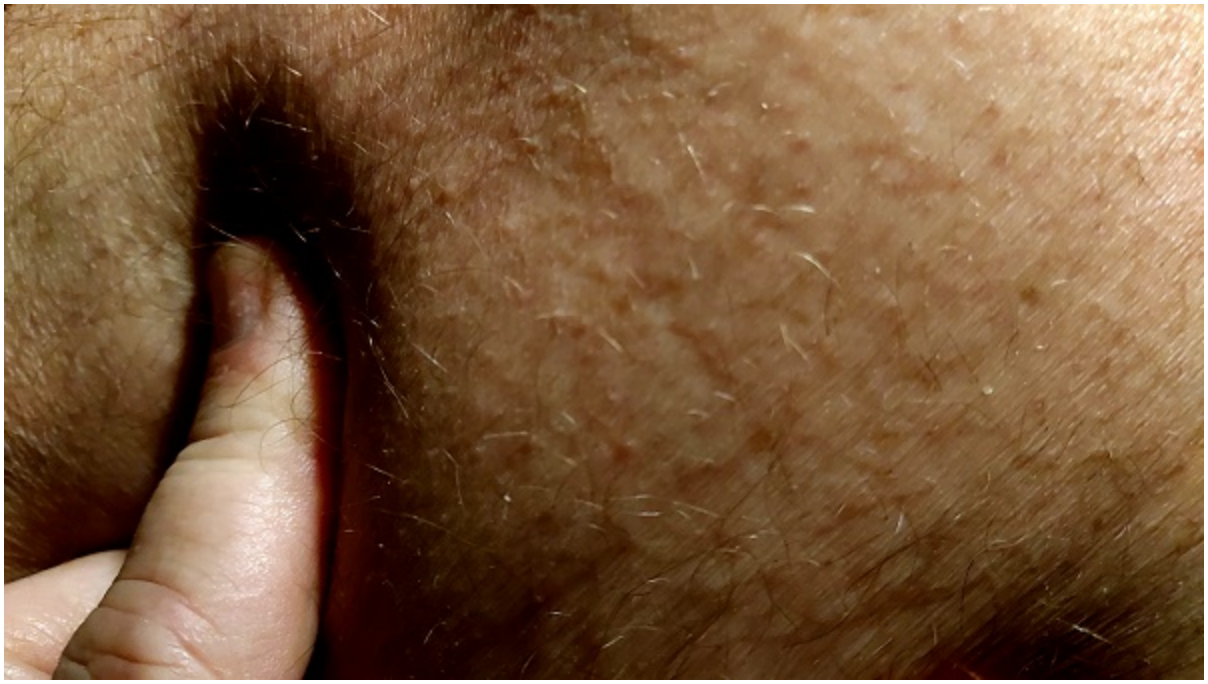


Photo 2
Demonstration of “normal” skin behavior under mild turgor pressure

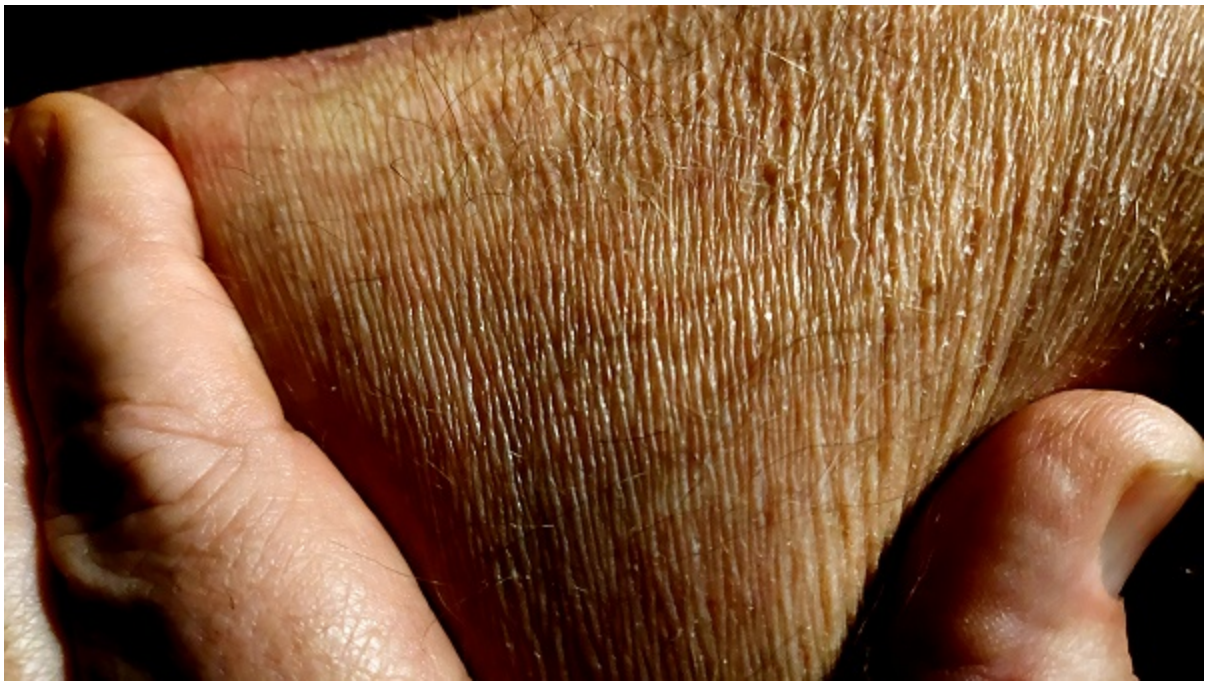


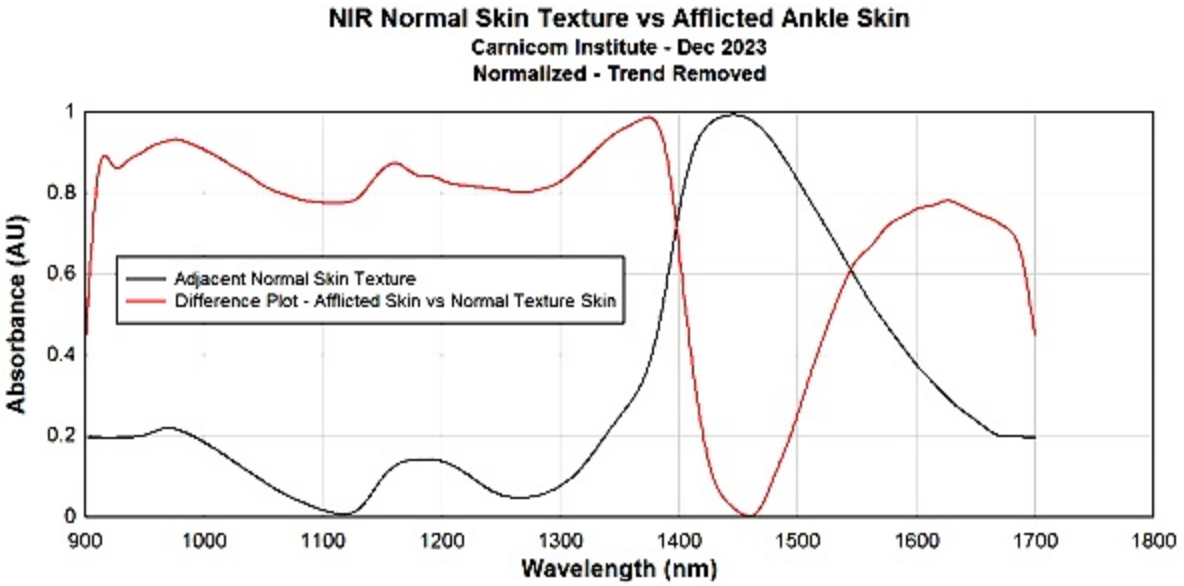
Photo 3
Demonstration of immediately adjacent skin (to Photo 1) behavior under mild turgor pressure

The primary observations of importance here concern visible appearance, texture and moisture of the affected skin. A long gestation period (years) results in what is observed above. Years may also be involved in affecting or effecting change as well. Surface presence of the condition itself is an important status indicator, as the polymeric chemistry evolves much deeper within the body and certainly beneath the skin.

From the visible side alone, the severely affected skin does indeed have a “plastic” sheen and nature to it. The turgor pressure observations as well as scale formation does indicate a significant decrease in the moisture level and elasticity of the skin. The texture of the skin coincides with all of the above observations.

Now let’s go to a method that is more independent of the observer, Near Infrared Spectroscopy (NIR). NIR is able to tell us about the general chemical nature of many compounds, and it operates at the molecular level (smaller than nanotechnology). There are many varieties of spectroscopy, and it is to be acknowledged that spectroscopy and interpretation is a profession in its own right.

The purpose of the NIR plot below is to seek information about any differences between visibly normal skin and that shown in Photo 1 above.



NIR comparison between visibly “normal” skin and CDB affected skin

No special importance should be attached to the magnitude of the graph; it is the profile and shape of the graph that is under consideration here.

There are three points of interest from the examination of this plot, and they all involve differences between what will be called normal and affected skin. The black line depicts the absorption of NIR energy by normal skin, the red line depicts absorption by the affected skin compared to normal skin. The red line is therefore a difference NIR plot, using normal skin as the reference.

The differences concern water, and what are called methyl and vinyl “functional groups” (i.e, building blocks of organic chemistry). Knowledge of the existence or absence of functional groups is an important analysis tool of organic chemistry in general.

At a semi lay level, what is inherent in the plot above is (ref. Practical Guide and Spectral Atlas for Interpretive Near-Infrared Spectroscopy, CRC):

1. The affected skin has significant moisture removed from the area. (Skin cannot function without adequate water.)

2. The affected skin shows the strong presence of vinyl groups. (This means polymerization and bioplastics integrated within the skin). As mentioned, vinyl functional groups are at the core of the CDB metabolism and polymerization within the body.

3. The decline or interruption of methyl groups is appearing within the affected skin. Methylation of the human body is an incredibly important topic worthy of much additional discussion in the future. However, it can be said that the interruption or decline of

methylation in the body would logically favor increased polymer formation, i.e., bioplastics.

The lesson here is that we can no longer confine ourselves to a certain particular topic of interest that might be more concerning or popular at the time. Examples of these include blood clotting, “Morgellons”, purported “vaccines”, electromagnetic field influence, etc.. They are all part and parcel of a much deeper and longer problem that transcends each individual concern. There are close to three decades of accumulation of data thus far, should you care to examine it.

It will be found, under sufficient study, that each of these topics share a common theme, as the CDB are in common ground with each one of them, as well as others unspoken. Other CI provided research papers confirm this conclusion.

The favorable side of our situation, as difficult as it might be to imagine, is that specific knowledge such as the above will lead to greater confidence and skill in battle. It is your decision if and how you are to join.

Clifford E Carnicom
Dec 31 2023

Born Clifford Bruce Stewart, Jan 19 1953.