**Paper**: Proving Causative Relationship Between Pathogen and Disease - Koch’s Postulates

**Date**: 07 May 2020 (rev. 23 Sep. 2021)

**By**: D. R. Shearer

**Topic**: Koch's postulates are four criteria designed to establish a causative relationship between a \*“microbe” and a disease. The postulates were formulated by Robert Koch and Friedrich Loeffler in 1884, based on earlier concepts described by Jakob Henle, and refined and published by Koch in 1890. (Wikipedia)

Preamble

Koch’s Postulates, should be carried out with a sufficient number of confirmed, infected subjects, along with the same number of control group subjects. Test groups would logically be in the order of 100-500 subjects to authentically prove the supposed relationship between the microbe and disease state. They are as follows:

1. A test group of subjects must all exhibit a well-defined set of symptoms (not vague).
2. The microorganism must be found in abundance in 100% of all of this symptomatic group.
3. The microorganism must not be found in 100% of a healthy control group.
4. **a)** The microorganism must be isolated & purified (so as not to promote error),

**b)** The purified/isolated microorganism is used to *inoculate* a healthy test group.

**c)** The same set of symptoms must emerge, and the culture must ‘grow out’ in this test group.

**d)** The microorganism must be reisolated from this test group and identified as being identical to the original specific causative agent.

Koch’s Postulates – Weakness?

Based upon the details of the Postulates as described above, specifically, the relationship of a pathogen and what is termed a “disease state”, is not exactly well defined. Technically, there is no *defining mechanism* whereby this pathogen is causing the symptoms that are revealed within the group of supposedly infected people. The mere presence of a pathogen would therefore be *assumed* to be causing the symptoms, from the application of the Postulates. The percentage of doubt exhibited here, while undefinable, is present nonetheless. Extra analysis into the defining mechanism would be needed to complete the “causative” implication.

Transmissibility and Infectious Contagion

Postulate 4)b), *inoculating* a healthy host –

If the process involves anything other than natural transmissibility pathway (contact transfer – lungs/ingestion, and/or air passage) then infectious contagion is **not** proven. In other words, inoculation by injection does not prove **infectious contagion**, specifically because subcutaneous injection does not occur within a social gathering, unless of course, that gathering includes needle using drug addicts.

It is a given that “causative relationship between a microbe and a disease” *does not* *imply* infectious contagion. This being the case, Koch’s Postulates are only useful for a limited portion of what is the process of proving *infectious contagion*.

Koch’s Postulates – The Past 130 Years

Dr. Stefan Lanka is a virologist and a biologist. He began his career studying origins of viral activity, which involved lower life forms in ocean environments. Interestingly, the study of viral activity in this area, did not involve the high finance of the same study in disease causing agents in human beings. There was an unbiased presence of research capabilities available to Dr. Lanka, in this regard.

In turning his attention to the field of human study and disease-causing pathogens, and through the suggestion of Professor Fritz Pol, Dr. Lanka found some serious inconsistencies in human studies. Alarmed by the possible ramifications of his findings, he set out to uncover details of our human history and what we have been led to believe.

Of the several discrepancies that Dr. Lanka uncovered, the one that relates to Koch’s Postulates, and his countryman, Robert Koch is –

Re: Postulate #4 – “…. that has never been proven…never…ever!”

Conclusion

The preceding information leaves a serious amount of doubt in the proving of infectious contagion. There are many other sources, sprouting up from doctors, virologists & researchers, which corroborate this doubt. For example, through electron microscopy, the supposed ‘coronavirus’ **looks** identical to the *exosome*, leading to the statement, “…the virus is fully an exosome, in every sense of the word”. Dr. James Hildreth

Newer evidence that “viruses”, bacteria and other microorganisms are all working together to provide the most complex system of symbiotic protection, bioresonance & sustenance to the human body, is becoming more well defined every day.

At the same time, ***true causative effects*** which have been ignored for the past century or so, are becoming clearer. These environmental toxins (both seen and unseen) are cross-referenced in many cases, to pandemics and other health tragedies, both historically & presently speaking.

Variations of Koch's postulates are considered here:

Wikipedia:

1. The microorganism must be found in abundance in all organisms suffering from the disease, but should not be found in healthy organisms.
2. The microorganism must be isolated from a diseased organism and grown in pure [culture](https://en.wikipedia.org/wiki/Cell_culture).
3. The cultured microorganism should cause disease when introduced into a healthy organism.
4. The microorganism must be reisolated from the inoculated, diseased experimental host and identified as being identical to the original specific causative agent.

University of Maryland:

Four criteria that were established by Robert Koch to identify the causative agent of a particular disease, these include:

1. the microorganism or other pathogen must be **present in all cases of the disease**
2. the pathogen can be isolated from the diseased host and **grown in pure culture**
3. the pathogen from the pure culture must **cause the disease when inoculated into a healthy, susceptible laboratory animal**
4. the pathogen must be **re-isolated** from the new host and **shown to be the same** as the originally inoculated pathogen

Notes:

The University of Maryland version, fails to include, “the pathogen cannot be present in the healthy control group”.

The Wikipedia version combines Postulates 1 & 3, as Postulate 1. 3 & 4 are 4. 2 is 2.

rev. 13 Aug 2020 –

As the public and proponents of covid19 use the terms “a-symptomatic” and “a-symptomatic carrier”, are they totally unaware of the fact that this very term **fails Postulate 4 c)**!

Are they also unaware that all 4 of the Postulates must be proven true in order to determine causation and the failure of just one fails causation!

As the absolute weakness of ‘infectious contagion’ and ‘germ theory’ becomes ever more clear, how unfortunate it is that the ‘masses’ will not see it, because mainstream media and social networking have **no** understanding of Truth over falsehood.

This is clearly evidenced by use of the term that is bandied about currently, “a-symptomatic”.

\* The word “microbe” was an invention of Louis Pasteur in the late 19th century.

References:

1. What Really Makes You Ill? - Why Everything You Thought You Knew About Disease is Wrong

Lester, Dawn/Parker David

1. Goodbye Germ Theory

Trebing, Will Dr.

1. Bechamp or Pasteur? – A Lost Chapter in the History of Biology

Hume, Ethel D.

1. The Invisible Rainbow – A History of Electricity & Life

Firstenberg, Arthur

1. CROOKED – A History of Man-Made Disease

Maready, Forrest

1. Pasteur: Plagiarist, Imposter – The Germ Theory Exploded

Pearson, R.B.

1. The Contagion Myth

Morell, Sally Fallon MA/Cowan, Thomas MD

1. Power vs. Force

Hawkins, David PhD, MD

1. Love Your Disease – It’s Keeping You Healthy

Harrison, John, MD

This document can be printed here: [www.oneeyedbudgie.com/the-truth-centre](http://www.oneeyedbudgie.com/the-truth-centre) (5 tabs)

Videos related to this Paper & the Truth Centre, Keremeos, B.C. – BitChute, search name “davesheers”

For those who know that something is not right, and do not know where to turn, they can find community on our Saturday evening Zoom sessions @ 6pm PST – email [ds7715990@gmail.com](mailto:ds7715990@gmail.com) for invite/link.