# *Bradykinin-melatonin & post covid19 monitoring*

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***Abstract***

The latest theory in the development in understanding covid19 the bradykinin storm as proven by a supercomputer. This theory provides many explanations to the various in signs and symptoms we have seen in this pandemic. A braid of new theories through a collection of data by scientific article review is provided. Most notably, the effect of melatonin as a protective mechanism in children and rationale for monitoring treatment by many providers post covid19. The multi system inflammatory response and vasculitis could possibly indicate that following an existing Kawasaki protocol for post covid19 management and monitoring could prevent many adverse outcomes. Over the course of Covid19's existence the world has come together to share information as fast as possible to collect bits and be able to put pieces of the puzzle together. The worldwide collective of the beehive mind sharing details in real time has been a life saver for many, and fascinating to intellectuals.

During this pandemic we are blessed to have instant communication with each other like no other pandemic in history, and yet, all the deaths are still unacceptable. We continue to fight the good fight every day, collaborate and share our thoughts to defeat covid19 and protect each other. What began as a respiratory virus turned out to be a hematology problem, what began as a cytokine storm turned out to be a bradykinin storm. If bradykinin storms cause the blood-brain barrier to break down, this could allow harmful cells and compounds into the brain, leading to inflammation, potential brain damage, and many of the neurological symptoms Covid-19 patients experience (Smith, 2020). In the beginning, it was noted that this respiratory virus did not affect children the same way it affects adults. A noted treatment not yet understood until this point, with this theory, is melatonin and its correlation of the lower prevalence of symptomatic covid in pediatrics. Few children were symptomatic and of the few that were an Italian pediatrician noted the difference between traditional Kawasaki and Covid19 multi system inflammatory syndrome was leucopenia with marked lymphopenia, thrombocytopenia, and increased ferritin, as well as markers of myocarditis (Walker, 2020).

***Biography:***

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