



**ALZHEIMER'S DISEASE**

On Friday evening (22 March) at the recently renovated town hall in the Dunbarton Library, a seminar was given by Dr. Herbert B. Allen, Professor and Chair Emeritus Drexel University School of Medicine, on Alzheimer's disease (ALZ) and how that tragic disease is a chronic infection caused by spirochetes. Three different types of spirochetes were shown to be involved: oral spirochetes, derived from dental plaque, that cause up to 90% of ALZ, Lyme spirochetes that cause 10%, and syphilitic spirochetes that cause syphilitic dementia. These were included because syphilis and ALZ are the same neurologically and pathologically. (They have the very same findings on pathology as ALZ, and it is important to include syphilis in the discussion because it can be prevented by treatment with penicillin or azithromycin any time before dementia begins. This is the rationale for treating ALZ with either of those antibiotics preventatively before ALZ begins. Also, because the oral spirochetes are constantly seeding the brain, a yearly course is recommended. (In contrast, syphilis is ordinarily a one-time exposure- so, one time treatment.)

The mechanism for how the spirochetes cause dementia was demonstrated: the spirochetes make biofilms (a slime coating that protects them from noxious substances, antibiotics, and the adaptive immune system—antibodies and killer T cells.). At the same time they make biofilms, they make beta amyloid. If this process occurs inside the neurons (and it was shown to happen there), the beta amyloid chemically reacts with tau protein and converts it to hyper-phosphorylated tau. Hyper-phosphorylated tau no longer stabilizes neuronal dendrites (as does ordinary tau) and they disintegrate and no longer can transmit impulses. This process was demonstrated on pathology from ALZ brains. When enough of these dendrites are destroyed, the memory is destroyed. Thus, it is a chemical reaction that causes this destruction, and the spirochetes begin the process. It is the single most important occurrence in the pathway to ALZ.

This also demonstrates that the long-held beta amyloid theory of the disease is incorrect. The beta amyloid is made by the spirochetes, with a lesser amount made by the innate immune system reaction to the spirochete/biofilm. So, if beta amyloid is removed, the spirochetes will just make more. This has been confirmed by 200 negative trials based on this faulty hypothesis.



Dr. Herbert B. Allen

Dr. Allen has treated 150 patients (aged 64-80) with penicillin or azithromycin preventatively for 7 years (one course yearly) without any ALZ developing. Further, for fully developed ALZ, he has treated 6 patients for 3 months with penicillin and rifampin (a biofilm "buster") or levofloxacin, both an antibiotic and a biofilm "buster" in one medication, with remarkable results (a return to cognition).

For mor information you may Google

"allen,hb and Alzheimer's disease"

Or all his research can be found on Researchgate.net



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