**From:** Jeffrey Epstein <jeevacation@gmail.com>
**To:** "[redacted]" <[redacted]>
**Subject:** Fwd: amyloid increases homocysteic acid toxicity
**Date:** Wed, 17 Jul 2013 09:20:13 +0000

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---------- Forwarded message ----------
From: [redacted]
Date: Tuesday, July 16, 2013
Subject: Fwd: amyloid increases homocysteic acid toxicity
To: Jeffrey Epstein <jeevacation@gmail.com>

---------- Forwarded message ----------
From: **Tohru** <[redacted]>
Date: Tue, Jul 16, 2013 at 7:00 PM
Subject: amyloid increases homocysteic acid toxicity
To: [redacted] <[redacted]>

Dear Christina;

I am afraid Jeffrey has a question about the relationship between amyloid beta and homocysteic acid in blood for Alzheimer's disease process.

Amyloid hypothesis is still valid for preventing AD. We already observed that homocysteic acid toxicity, especially, neurodegenerative toxicity, will increase in the presence of amyloid.

However it has been observed that amyloid protein is present in normal brain, which shows that amyloid itself has no toxicity for brain work.

Homocysteic acid has the original pathogen for AD process. Early onset of AD, familial AD, has higher production of amyloid, which increases the homocysteic acid toxicity, then very lower level of homocysteic acid can start the disease process. Recent reports indicate that ApoE4 increases the permeability of blood brain barrier, which allows the invasion of lower level of homocysteic acid in blood into brain.

This my hypothesis is strongly supported by my TSH1 recovery, because TSH1 decreased homocysteic acid level in blood and blocked homocysteic acid toxicity in brain.

Now I am sincerely request your support.

Sincerely yours

Tohru

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