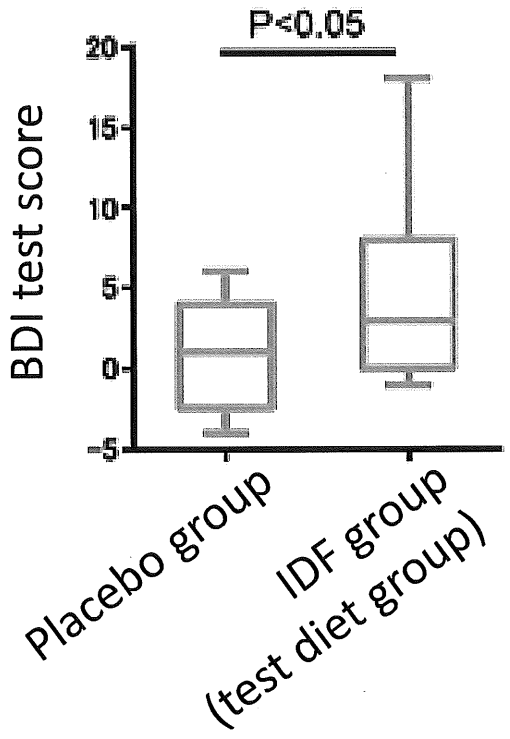
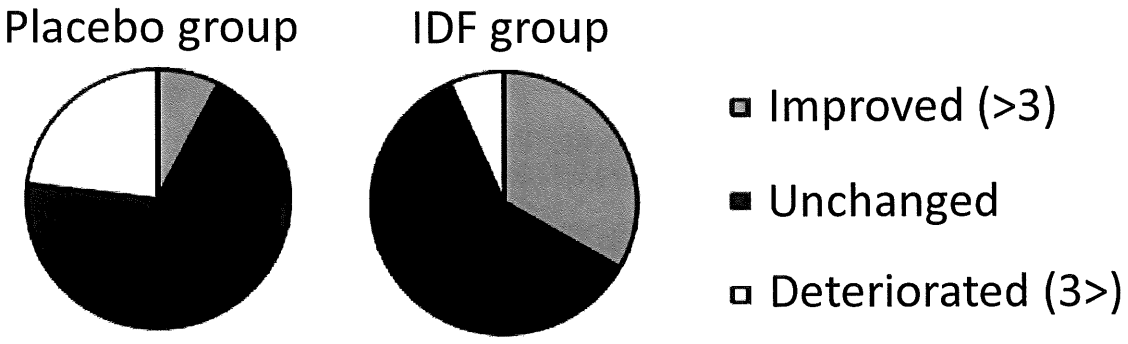
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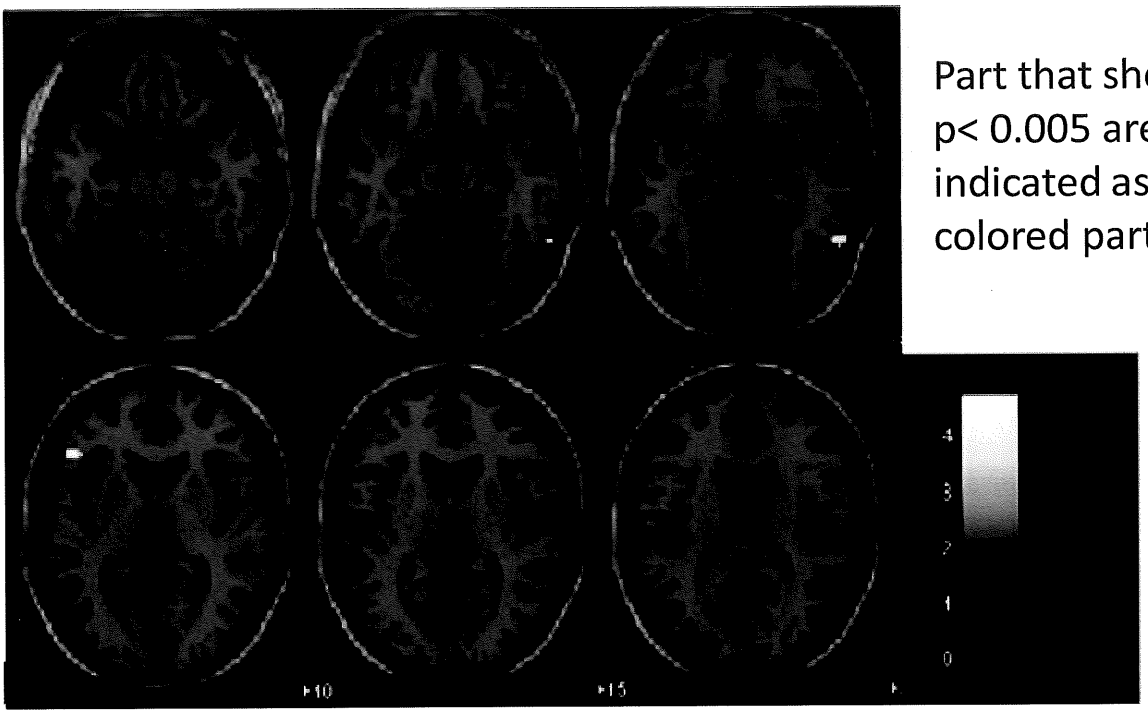


[Figure 2]



[Figure 3-1]

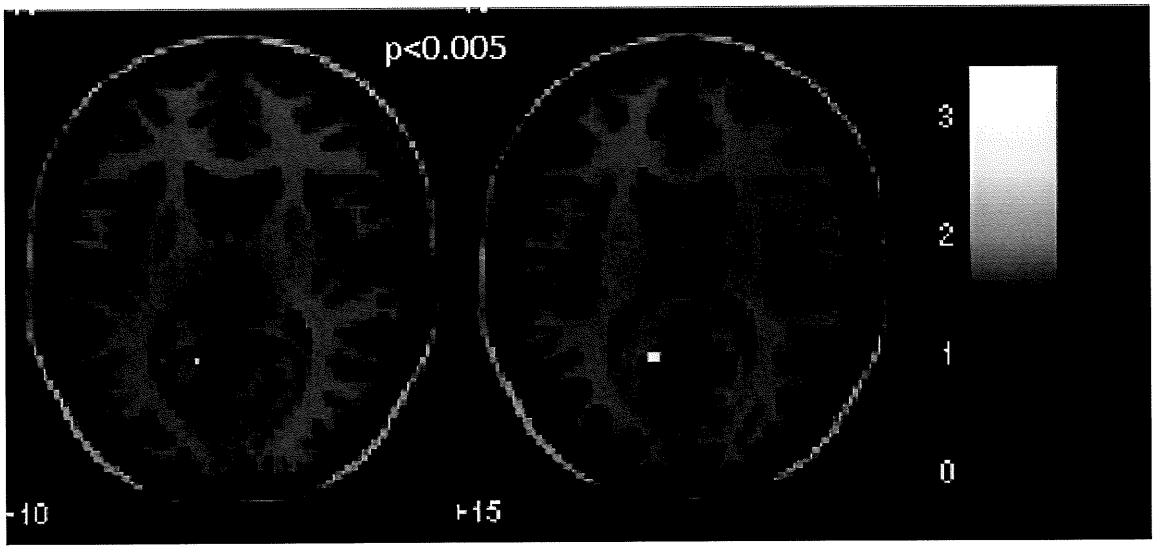
Ingestion of test diet suppressed brain atrophy (gray matter)



Part that showed p< 0.005 are indicated as colored parts

[Figure 3-2]

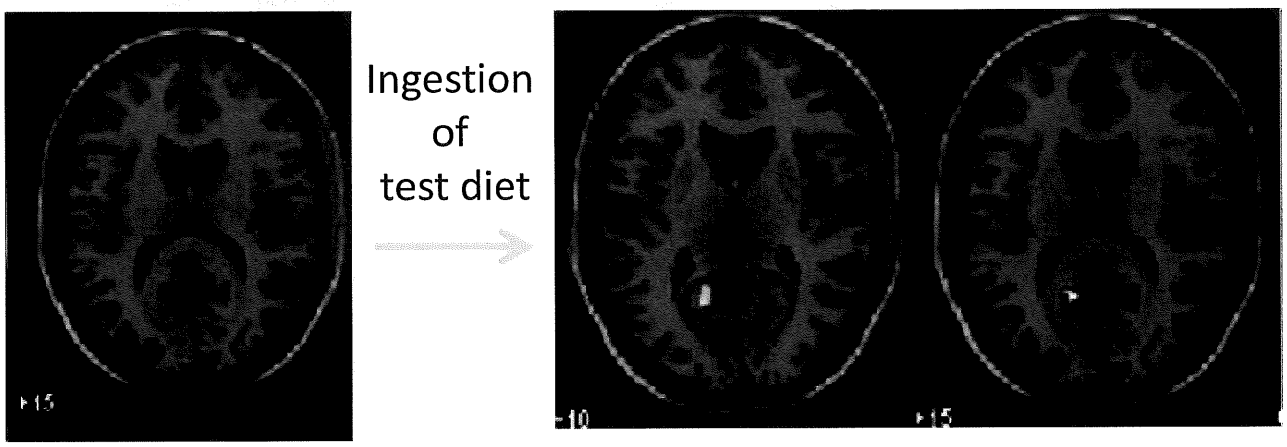
Ingestion of test diet suppressed brain atrophy (white matter)



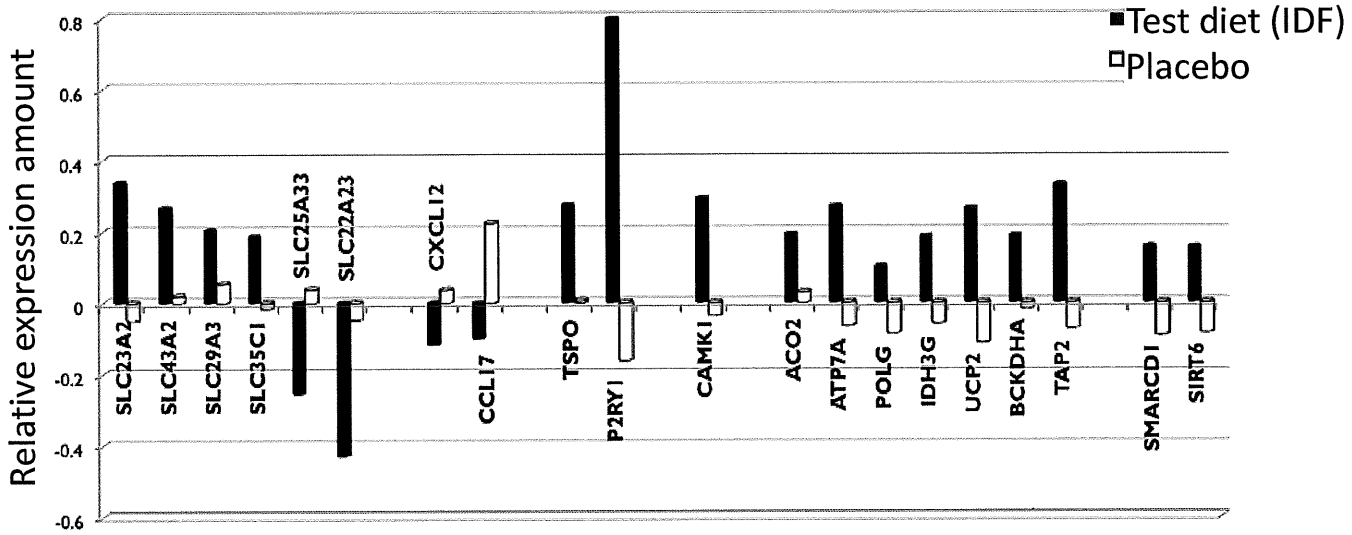
[Figure 4]

The area in which functional connectivity to hippocampus are declined with aging

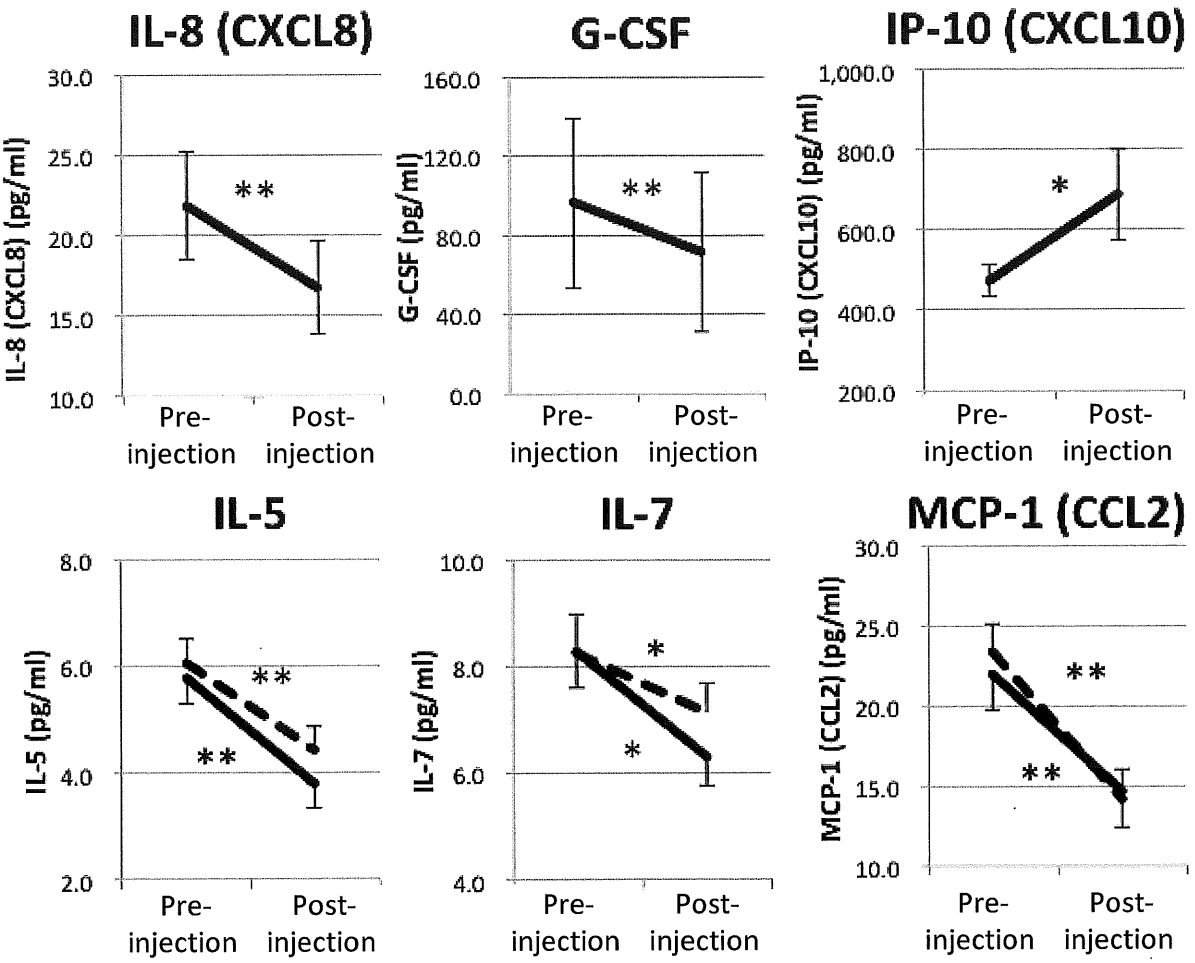
The parts of functional connectivity to hippocampus area was significantly ($p<0.05$) enhanced after ingestion of test diet



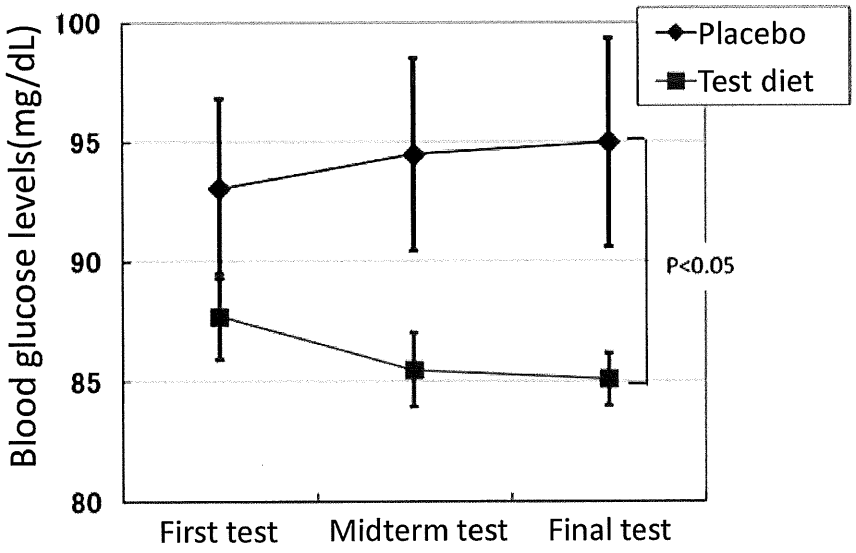
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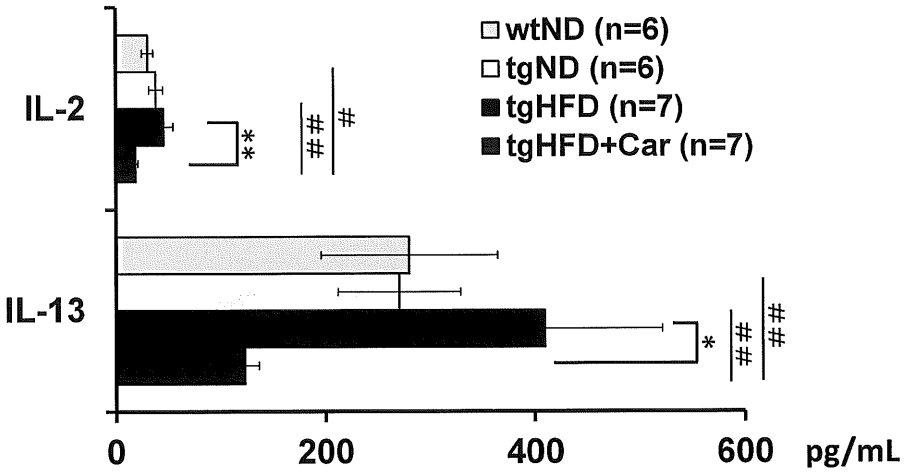
[Figure 6]



[Figure 7]



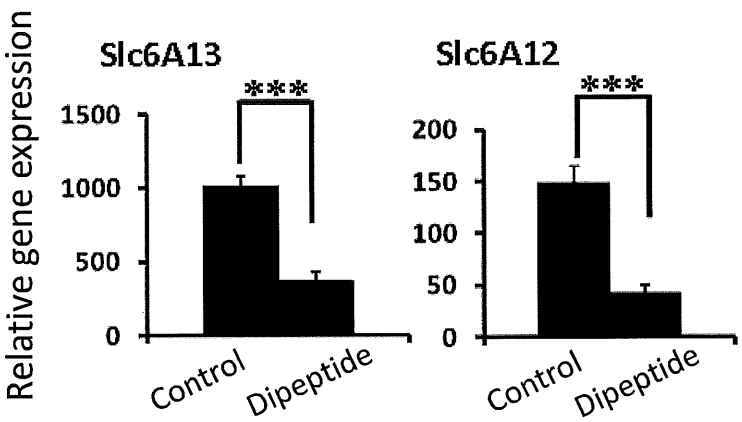
[Figure 8-1]



[Figure 8-2]

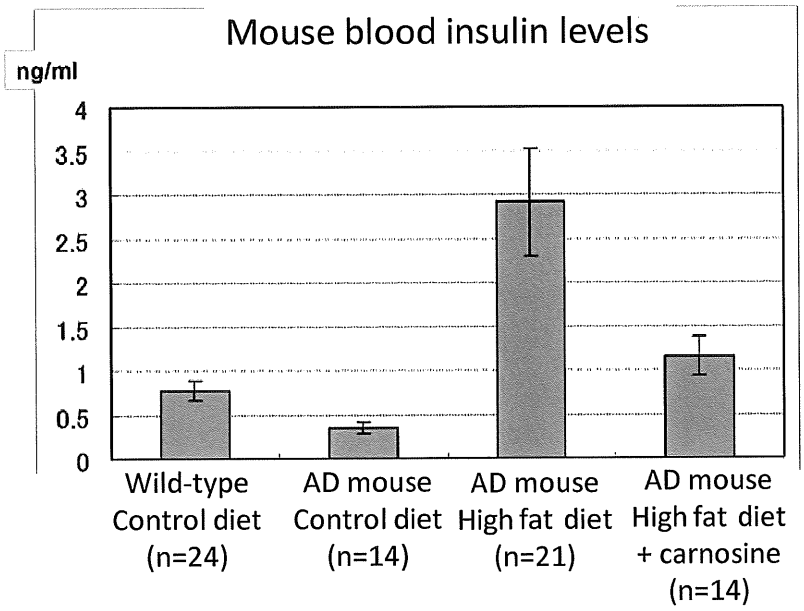


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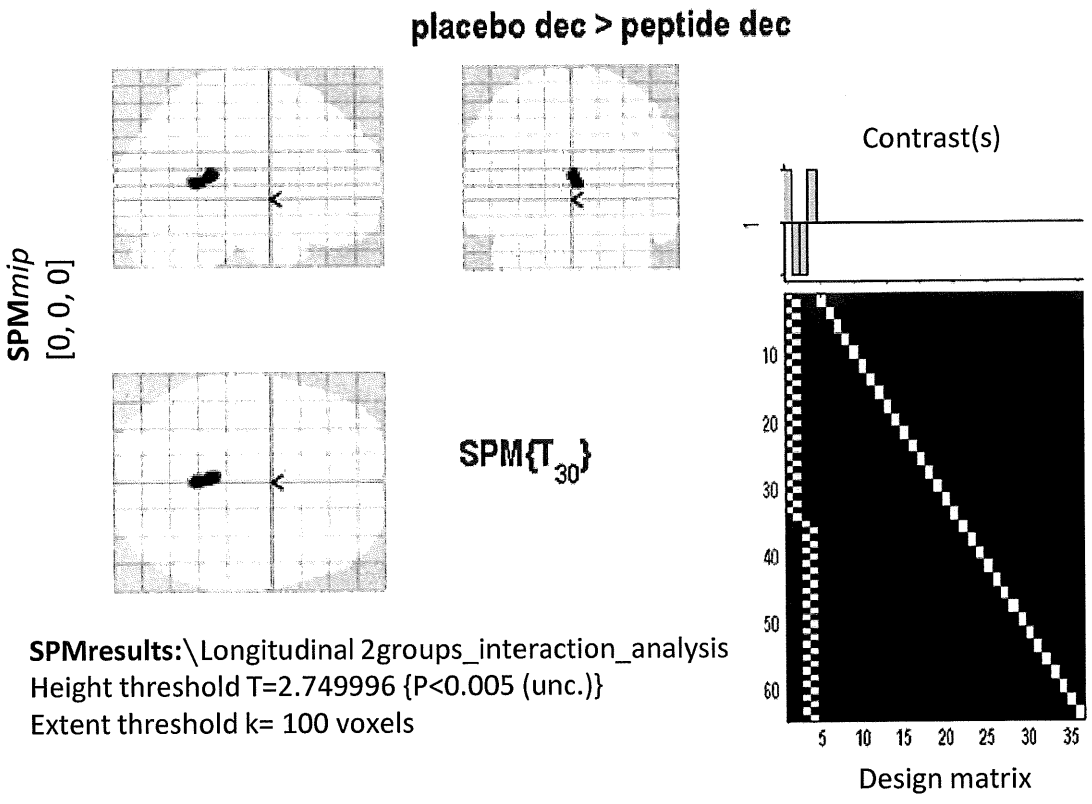


For both groups, N=3, Mean ±SE,
***indicates p<0.001(t-test)

[Figure 8-4]

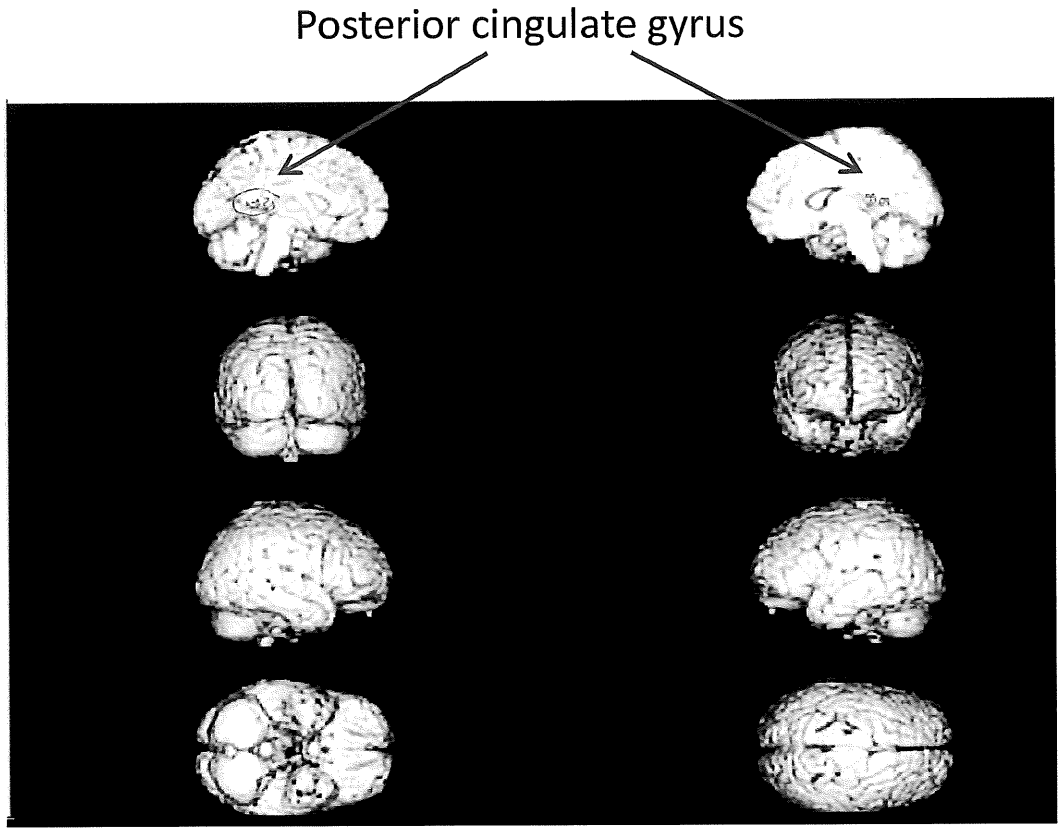


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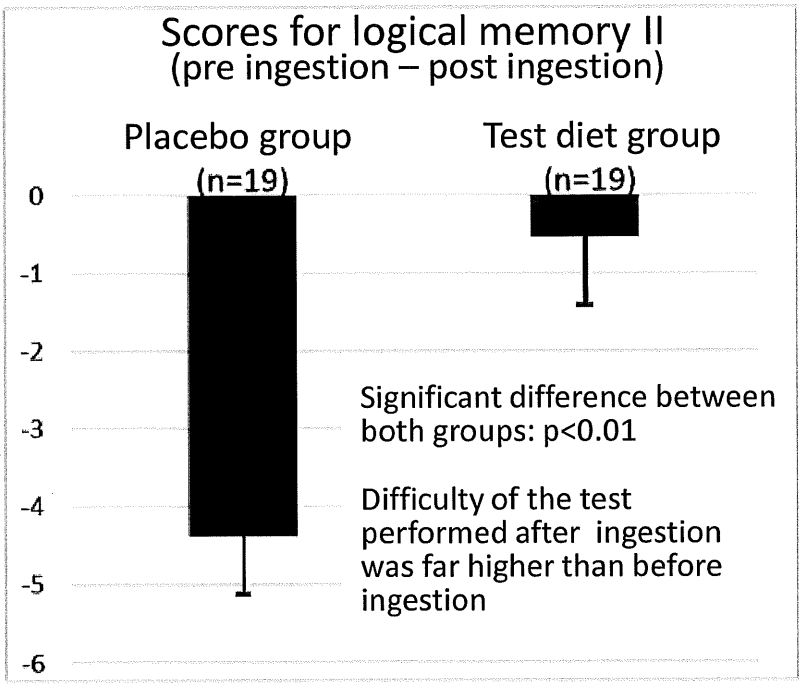


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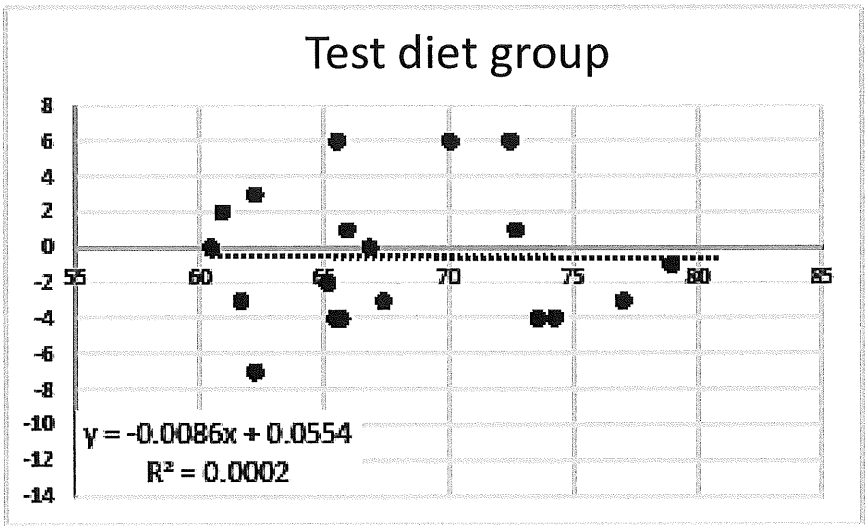
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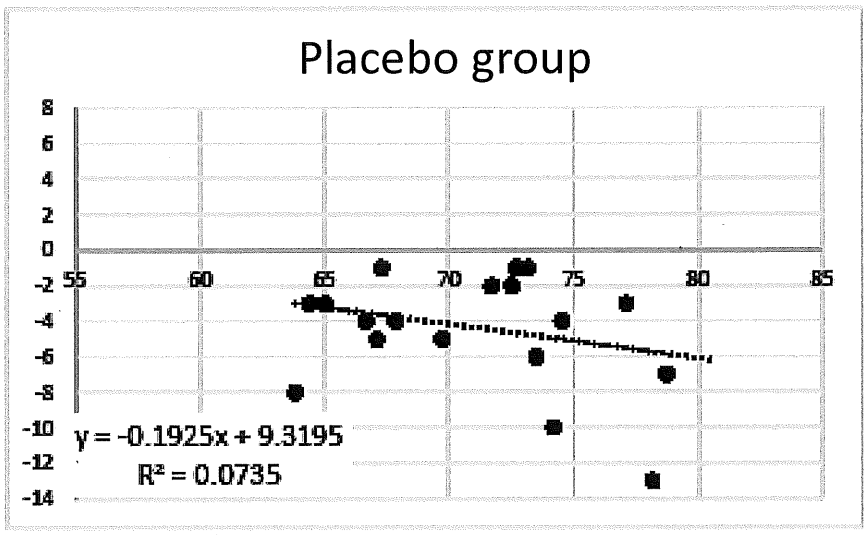


[Figure 11]



[Figure 12]


Test diet group
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-8
-10
-12
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55
60
65
70
75
80
85
y = -0.0086x + 0.0554
R² = 0.0002


Placebo group
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2
0
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-4
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National Center of Neurology and Psychiatry

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