

CLAIMS

What is claimed is:

1. A method of treating a patient having a neurologic condition by synaptic pathway training comprising steps:
activating synaptic pathways within an area of the patient's brain with a pharmacologic agent; and
stimulating the activated synaptic pathways with a non-pharmacological treatment.
2. The method of claim 1, wherein the activating step increases synaptic pathways and synaptic volume.
3. The method of claim 2, wherein prior to the stimulating step there is a selecting step wherein the non-pharmacological treatment is chosen based upon its efficacy in maintaining said synaptic pathways and volume.
4. The method of claim 3, wherein prior to the activating step there is a step of choosing the pharmacological agent based upon the agent's effectiveness in increasing synaptic pathways and synaptic volume in an area of the brain associated with the neurological condition.
5. The method of claim 1, wherein the pharmacologic agent is a hallucinogenic.
6. The method of claim 4, including interviewing the patient to determine whether the dosage was sufficient to increase synaptic pathways and synaptic volume.
7. The method of claim 6, including administering an increased dosage when it is determined the initial dosage was insufficient.
8. The method of claim 6, wherein the neurologic condition is depression.
9. The method of claim 6, wherein the neurologic condition is bipolar disorder.

10. The method of claim 6, wherein the neurologic condition is post-traumatic stress disorder.
11. The method of claim 1, wherein the neurological condition is alcoholism.
12. The method of claim 1, wherein the stimulating step comprises performance of a cognitive training exercise.

* * * *