metabolite levels and under controlled conditions, the results are difficult to interpret with HVA levels varying widely between participants. This suggests that until we have a refined procedure, we need to be cautious about the conclusions drawn from the research on metabolites.

The Role of Serotonin:
Conventional and Atypical Anti-psychotics. 5-HT2A receptor. Suggesting that the dopamine hypothesis is complicated (i.e. takes serotonin into account).

Dopamine – Cause or Effect?
Although the dopamine hypothesis proposes that dopamine imbalances cause schizophrenia, it could also be proposed that schizophrenia causes the dopamine imbalances. Research using PET scans hasn’t yet been able to detect differences in the dopamine activity of the brains of the individuals with schizophrenia. So, it may be some time before we know for certain if dopamine causes imbalance or vice versa. However, there is hope that techniques become less invasive and will be able to conduct research that can show which come first.