

# 7<sup>th</sup> Annual Congress on MENTAL HEALTH

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## Neuroinflammation: Effects on major Psychiatric Illnesses

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This review of available longitudinal structural imaging and immunological findings in first onset schizophrenia, bipolar disorder, attention-deficit hyperactivity disorder (ADHD) and autism suggests that different patterns of synaptic pruning lead to various phenotypes. Proposals for future research strategies to try to replicate these findings are suggested, potential biomarkers to assist in diagnosis and determining the optimum duration of maintenance treatment are considered and ideas of potential immunotherapy augmentation.

### Biography

Dr de Silva is a dual trained adult and old age psychiatrist, with experience in research involving functional brain imaging. He is a senior lecturer at Sunderland University and works clinically for Cumbria, Northumberland, Tyne and Wear NHS Trust as a dementia specialist at Monkwearmouth Hospital, Sunderland.

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