

On the bumpy road of psychotic disorders

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On the bumpy road of psychotic disorders:

Paving new avenues for personalized treatment approaches by examining neurochemical changes in psychosis and related disorders

Carmen Francina Maria van Hooijdonk

1. Dopaminergic abnormalities already occur in some high-risk individuals before they develop psychosis (this dissertation).
2. To reduce the risk of transition to psychosis, it is important that primary care providers recognize subclinical psychotic symptomatology.
3. The substantia nigra, as well as, interactions within the striatonigrostriatal circuit might play an important role in the pathology of psychosis (this dissertation).
4. Neuromelanin signal in the substantia nigra is negatively correlated with striatal dopamine synthesis capacity in healthy individuals, but not in psychotic patients (this dissertation).
5. Plasma concentrations of the endocannabinoid 2-AG might be differently associated with frontal Glx concentrations in psychotic patients than in healthy individuals (this dissertation).
6. Clinicians in psychosis care might benefit from utilizing decision tools to support clinical decision-making.
7. Although information obtained via neuroimaging techniques might be valuable as input for these decision tools, it remains to be determined which information is necessary to predict specific outcomes.
8. Insights into neurobiological processes can improve the treatment of psychosis and related disorders, as well as, the negative consequences of these treatments, including the extended treatment trajectories and high societal costs (impact).
9. More attention should be paid to communicating and disseminating scientific findings outside of academia (personal note).
10. "It always seems impossible until it's done" (Nelson Mandela, 2001).