

IGSN - SYMPOSIUM

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Translational approaches to understanding Bipolar Disorder

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From inflammation to immunosenescence: the role of immune system in pathophysiology of bipolar disorder

There is replicated evidence showing that manic and depressive episodes are associated with a low grade and persistent inflammatory activation. Nevertheless, the literature offers few responses about causes and mechanisms involved in this association. In this presentation, we will discuss the emergent hypothesis that inflammation in mood disorders is related to a process of accelerated aging, specifically involving premature aging of immune system. There are some data that interventions targeting the immune system such as different anti-inflammatory medications could be useful in mood disorders. In addition, early data suggest that anti-inflammatory properties of some putatively anti-aging interventions also could be beneficial in mood disorders.

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Guests are welcome!