Unveiling the Intricacies of Neurovirology: Exploring the Impact of Viruses on the Nervous System

Neurovirology, a discipline at the intersection of virology and neuroscience, delves into the complex interactions between viruses and the nervous system. This feld has grown exponentially in recent decades, driven by advances in technology and a deeper understanding of viral pathogenesis. Viruses, traditionally perceived as agents of respiratory or gastrointestinal diseases, can also profoundly a fect the brain and spinal cord, leading to a spectrum of neurological disorders. This article explores the mechanisms, implications, and current research in neurovirology. Viruses capable of infecting the nervous system belong to diverse families, including herpesviruses (e.g., herpes simple Ó

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