

S149

1-hour Symposium

Progressive multifocal leukoencephalopathy in HIV-infected and non-HIV-infected patients: what is new in 2015?

Therapeutic options against JC virus

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JC Virus is the cause for progressive multifocal leukoencephalopathy (PML) as well as several other recently described neurologic syndromes. These conditions are rare, and occur in the setting of other conditions that cause immunodeficiency or are treated by immune suppression, making both the assessment of treatments and the options challenging for clinicians. Historically, PML was rapidly fatal, and no treatments could be recommended. In the current era, management of JC virus complications is dependent on the setting, but appropriate management now can improve survival to >70% with the hope that disability can be limited. Discussion of available options for direct viral therapy, as well as modulation of the immune response will be included, along with research opportunities that could substantially improve management of JC virus neurological disorders.