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Role of BK virus in post transplantation kidney nephropathy**Abstract**

BK virus (BKV) is a polyomavirus that is able to cause renal dysfunction in transplanted grafts via BK virus-associated nephritis (BKVAN). This condition was mis-diagnosed in the past due to clinical and histopathological similarities with acute rejection. Due to the prevalence of the virus in the population, it is an important pathogen in this context, and so it is important to understand how this virus functions and its relationship with the pathogenesis of BKVN. Screening for BKV often reveals viruria and/or viremia, which then manifests as BKVN, which can be asymptomatic or result in clinical features namely renal dysfunction. The pathogenesis of BKV infection is still unclear and needs to be further investigated; nevertheless there are a variety of hypotheses that indicate that there are a host of factors that play important roles. Treatments for BKVAN include a reduction in immunosuppression, the use of antiviral therapy or the combination of both treatment

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作者: HH Hirsch - 2013 - 被引用次数: 118 - 相关文章

Polyomavirus-associated nephropathy (PVAN) is an emerging disease in renal transplant patients with variable prevalence of 1-10% and graft loss up to 80%.

Epidemiology · Risk Factors · Diagnosis · Intervention

Polyomavirus nephropathy in kidney transplantation. - NCBI

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作者: J Trofe - 2004 - 被引用次数: 24 - 相关文章

Prog Transplant. 2004 Jun;14(2):130-40; quiz 141-2. **Polyomavirus nephropathy in kidney transplantation.**

Trofe J(1), Gordon J, Roy-Chaudhury P, Korolnik IJ, ...

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