

## Investigation of the prevalence of antibodies against neurotropic polyomaviruses BK, JC and SV40 in sera from patients affected by multiple sclerosis.

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Titre	Investigation of the prevalence of antibodies against neurotropic polyomaviruses BK, JC and SV40 in sera from patients affected by multiple sclerosis.
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Auteur	Ribeiro, Tatiana [1], Fleury, Maxime [2], Granieri, Enrico [3], Castellazzi, Massimiliano [4], Martini, Fernanda [5], Mazzoni, Elisa [6], Coursaget, Pierre [7], Tognon, Mauro [8]
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R�sum� en anglais	Viral agents seem to be linked to multiple sclerosis (MS). This association is based on evidence of (1) early exposure to viruses and MS onset; (2) increased prevalence of MS disease in specific geographic regions; (3) likelihood of developing MS being more prevalent in high-risk areas; (4) altered immune responses to different viruses. In this study, sera from patients affected by MS and controls, represented by sera from patients with other neurologic diseases, both inflammatory and non-inflammatory, and from healthy donors, were investigated for the presence of antibodies against neurotropic polyomaviruses BKV, JCV and SV40 in their sera. Our study has indicated that the prevalence of BKV antibodies in sera from MS patients is higher than that detected in normal individuals, while levels of antibodies against BKV and JCV are lower in MS patients compared to those of normal subjects.
URL de la notice	<a href="http://okina.univ-angers.fr/publications/ua5549">http://okina.univ-angers.fr/publications/ua5549</a> [28]
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Autre titre	Neurol. Sci.
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