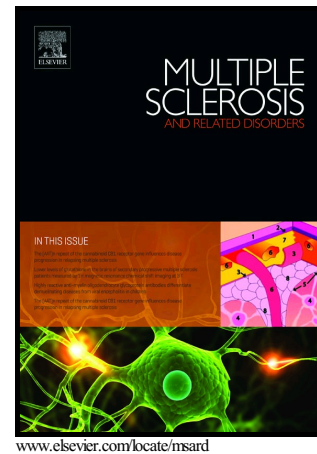


## Author's Accepted Manuscript

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PII: S2211-0348(17)30048-2  
DOI: <http://dx.doi.org/10.1016/j.msard.2017.03.003>  
Reference: MSARD549

To appear in: *Multiple Sclerosis and Related Disorders*

Received date: 11 December 2016  
Revised date: 11 February 2017  
Accepted date: 5 March 2017

Cite this article as: T Afrantou, KS Natsis, G Papadopoulos, R Lagoudaki, C Poulis, D Mamouli, I Kostopoulos and N Grigoriadis, A case of CD30+ ALK1 anaplastic large cell lymphoma resembling acute disseminated encephalomyelitis *Multiple Sclerosis and Related Disorders* <http://dx.doi.org/10.1016/j.msard.2017.03.003>

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## **A case of CD30+ ALK1- anaplastic large cell lymphoma resembling acute disseminated encephalomyelitis**

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### **Abstract:**

Central nervous system involvement is an uncommon complication of systemic non-Hodgkin lymphomas. The majority of these cases concern B-cell lymphomas. We report a case of systemic T-cell anaplastic large cell lymphoma CD30+ ALK- with CNS involvement at the time of diagnosis and unusual MRI characteristics resembling acute disseminated encephalomyelitis.

### **Keywords:**

Acute disseminated encephalomyelitis; anaplastic large cell lymphoma; CD30+; ALK1-; T-cell lymphoma

### **Case Report:**

A 59-year-old man was admitted to our department for the evaluation of progressive gait difficulty and dysarthria started a few days earlier. He reported fever up to 38°C for about 20 days, with no apparent symptoms of respiratory or urinary infection, two months prior to admission. At that time, blood, urine and x-ray screening, carried out in another hospital, were unrevealing. Recession of fever was observed at the same time he presented the neurological symptoms. The patient also reported loss of weight (about 7kg) during last month. Neurological examination revealed dysarthria, dysmetria

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