Canadian Association of Neuropathologists
L'Association Canadienne des Neuropathologistes

CASE No 3

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A 55-year-old bus driver presented with a short history of confusion, behavioural change, word finding difficulties, night sweats and a 20 lb weight loss.

Two years previously, following a mosquito bite, he suffered episodes of phlebothrombosis in his right arm that resolved.

Patient had no risk factors for immunosuppression and was otherwise healthy.

Imaging showed a left temporal lobe mass with ill-defined foci of enhancement medially. There was localized swelling with effacement of lateral ventricle and midline shift.

In September 2006, biopsy of the left temporal lobe lesion was performed.

Materials Submitted: H&E **or** hematoxylin, phloxine and saffron (HPS) stained section representative of major features of the mass.

Questions: Differential diagnosis?
What additional studies are indicated?