

**Brief Communications**

**ERG and anatomical abnormalities suggesting retinopathy in dementia with Lewy bodies**

**D. Devos, MD, PhD, M. Tir, MD, C. A. Maurage, MD, PhD, N. Waucquier, MD, L. Defebvre, MD, PhD, S. Defoort-Dhellemmes, MD and A. Destée, MD**

From the Service de Neurologie et pathologie du mouvement, EA2683, MENRT (Drs. Devos, Tir, Waucquier, Defebvre, and Destée), Service de Neuro-ophtalmologie, CNRS FRE 2729 (Dr. Defoort-Dhellemmes), and Service d'anatomie pathologique, INSERM U 422 (Dr. Maurage), Centre Hospitalier Universitaire de Lille, France.

The authors used flash electroretinography to demonstrate dysfunction of the photopic and scotopic retina in patients with dementia with Lewy bodies and visual hallucinations (VHs) compared with patients with Parkinson disease, patients without VHs, and controls. The retinal dysfunction may be related to slight alteration of the photoreceptors and numerous pale inclusions in the outer plexiform layer found at the post mortem examination, suggesting a specific retinopathy.