

## **The etiology of sporadic Parkinson's disease**

**A. Friedman**

*Department of Neurology, Medical University of Warsaw*

The role of genetics in familial Parkinsonism is well known. There is no question that the known and also unknown mutations cause the symptoms in the affected individuals. The situation in sporadic Parkinsonism is much less clear. Some studies suggest that the main role in etiology play environmental factors, either through nose or gut. On the other hand it is known that patients with sporadic disease more often than the control subjects have in their families other subjects with the symptoms of Parkinson's disease. Does it mean that the sporadic cases are also genetic? Is this related only to a kind of susceptibility that is genetic dependent? Or maybe the genetics has no role whatsoever in sporadic Parkinson's disease? The answers to these questions are the base of our debate.