Sera from 451 patients tested for neural autoantibodies by:

- IFA on mouse brain, kidney and stomach and/or rat brain
- CBA for IgG binding to "classified" cell-surface neural antigens¹
- Immunoblot for IgG binding to onconeural antigens*
- Immunocytochemistry on non fixed/non permeabilized rat hippocampal neurons

In 22 patients (5%) IFA revealed IgG binding to astrocytes in the subventricular zone, the subpial regions and to myenteric plexus

These 22 patients, 66 healthy subjects and 25 patients with OND were tested for GFAP-IgG by:

- Cell based assays on HEK293 cells transfected with the cDNA encoding GFAP α or GFAP δ
- Immunoblot on recombinat GFAP α and GFAP δ proteins

Flow chart summarizing the neural autoantibodies tests performed.

Ab= antibodies; CBA= cell-based assay; IFA=indirect immunofluorescence assay;; OND=other neurological diseases.

- 1. The autoantibodies tested are specified in the methods section.
- * This test was performed if IFA revealed an immunoreactivity pattern consistent with IgG specific for onconeurali antigens.