PAP diagnosed in Japan
N= 619

**GM-CSF autoantibody**

Positive: autoimmun e PAP
N = 561 (90.6%)

Negative
N = 58 (9.4%)

**Underlying disease**

(+) secondary PAP (sPAP)
N = 51 (8.3%)

MDS/sPAP
N=31

Others
N=20

(-)

Unclassified PAP
N= 7 (1.1%)
, including hereditary PAP (n=3)