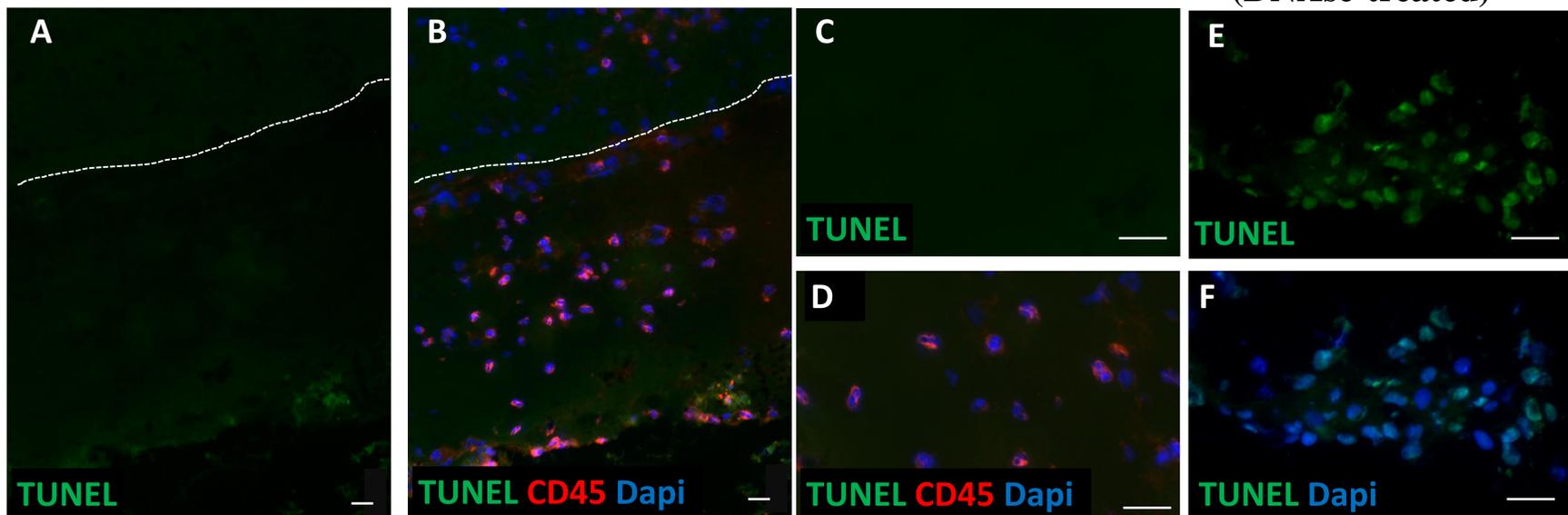


Schmitt C, et al: Brain leukocyte infiltration initiated by peripheral inflammation or EAE occurs through pathways connected to the CSF-filled compartments of the forebrain and midbrain.

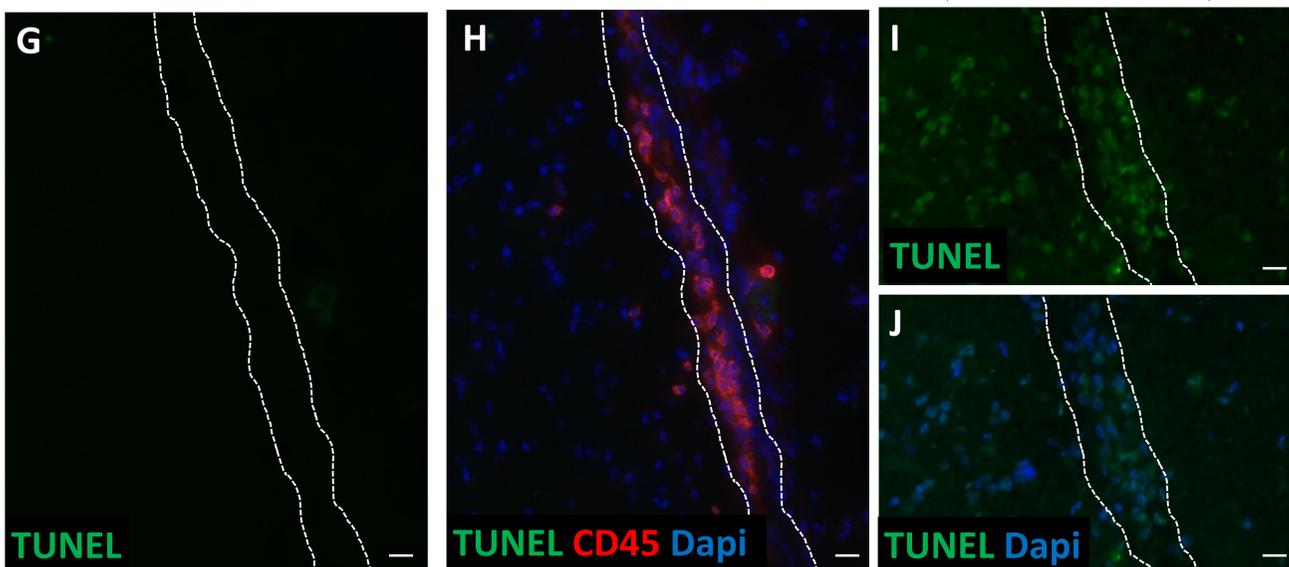
Basal cistern



**Positive control
(DNase-treated)**

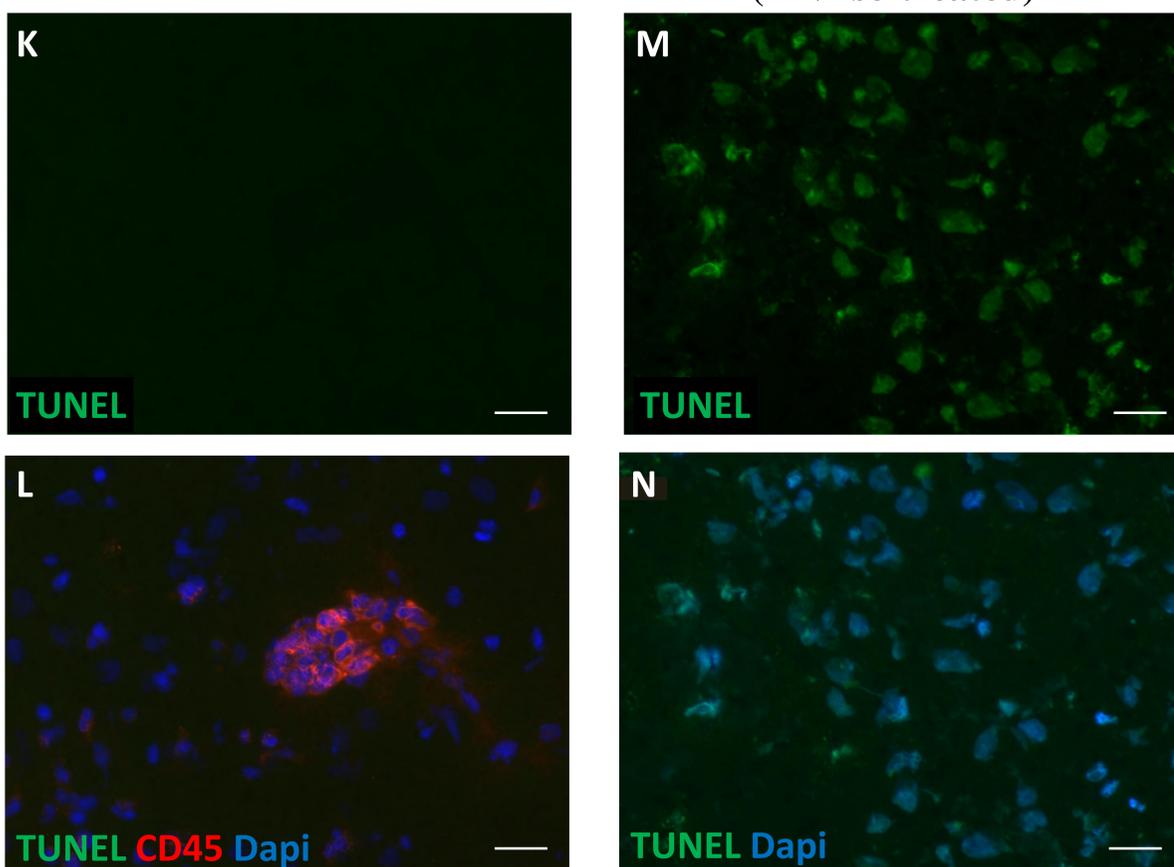
Ambient Cistern

**Positive control
(DNase-treated)**



Parenchyma

**Positive control
(DNase-treated)**



A-F: Infiltrates in the basal cistern of the brain. A,B and C,D (higher magnification): CD45⁺ infiltrates are negative for TUNEL staining. E, F: TUNEL positive control.

G-J: Infiltrates in the ambient cistern. G,H: CD45⁺ infiltrates are negative for TUNEL staining. I,J: TUNEL positive control.

K-N: Infiltrates in brain parenchyma. K,L: CD45⁺ perivascular infiltrates are negative for TUNEL staining. M,N: TUNEL positive control.

Cisternal CD45⁺ infiltrating cells, and perivascular infiltrating cells, are negative for TUNEL staining during the first clinical episode in EAE-diseased rats.

TUNEL positive controls are obtained by treating the sections with DNase I. Scale bar : 20 μm. Dashed lines delimit the CSF spaces.