Supplemental Figure 1.

![Graph showing righting reflex score over day post infection for Control and iTreg groups. The graph includes error bars indicating variability.]
Supplemental Figure 2.

% CD3$^+$ cells / Total infiltrates

Control
iTreg-late

NAWM
Meningitis
Perivascular Cuffing
Demyelinating Lesion
Supplemental Figure 3.

A) Weight change (g) over time (day, post-infection).

B) Stimulation index comparison between Control and iTreg conditions.

C) Pathology score comparison between Control and iTreg conditions.

D) TMEV alone pathology image.

E) TMEV + iTreg pathology image.
Supplemental Figure 4.

A. Bar graph showing stimulation index with different APC concentrations and iTreg presence.

B. Bar graph showing IL-10 levels with ConA and TMEV treatment.

C. Image showing TMEV alone.

D. Image showing TMEV + iTreg.
### Supplemental Table 1

**Acute stage weight change and righting reflex scores**

<table>
<thead>
<tr>
<th>Mouse group</th>
<th>Weight Change</th>
<th>Righting Reflex</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Day 8</td>
<td>Day 8</td>
</tr>
<tr>
<td>Control</td>
<td>0.8 ± 0.3</td>
<td>0</td>
</tr>
<tr>
<td>iTreg-Early</td>
<td>-0.8 ± 0.3 *</td>
<td>0.9 ± 0.2 *</td>
</tr>
</tbody>
</table>

* * P < 0.05