Acute treatment with valproic acid and l-thyroxine ameliorates clinical signs of experimental autoimmune encephalomyelitis and prevents brain pathology in DA rats.

Castelo-Branco, G; Stridh, P; Guerreiro-Cacais, AO; Adzemovic, MZ; Falcão, AM; Marta, M; Berglund, R; Gillett, A; Hamza, KH; Lassmann, H; Hermanson, O; Jagodic, M

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**Figure A**

Bar graphs showing the percentage of Ki67+ cells, IL-17+ cells, IFN-γ-IL-17+ cells, and IFN-γ+IL-17+ cells in different treatment groups: VEHICLE, T3, VPA, VPA/T3.

**Figure B**

Flow cytometry plots for IFN-γ and IL-17 expression, and Ki67 and Foxp3 expression in the same treatment groups. Numerical data for each group is indicated.

**Figure C**

Western blots comparing α-H3K9ac and α-GAPDH expression levels in UNTREATED, VEHICLE, T3, VPA, and VPA/T3 groups.
**Figure A**

EAE score over days post immunization (p.i.)

- **A1**: VEHICLE (○)
- **A2**: VPA/T4 (●)

**Figure B**

EAE score over days p.i.

- **B1**: VEHICLE (○)
- **B2**: VPA/T4 (●)

**Figure C**

EAE score over days post immunization (p.i.)

- **C1**: VEHICLE (○)
- **C2**: VPA/T4 (●)

**Figure D**

EAE score over days p.i.

- **D1**: VEHICLE (○)
- **D2**: VPA/T4 (●)

**Figure E**

- **E1**: EAE induction
- **E2**: First symptoms
- **E3**: Each day: VPA i.p. 3x T4 s.c. 1x

**Legend**

- Days: 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
**A**

<table>
<thead>
<tr>
<th>CD4+ T cells</th>
<th>CD8+ T cells</th>
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<tbody>
<tr>
<td>$p=0.1$</td>
<td>$^*$</td>
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<tr>
<td>$^{	ext{***}}$</td>
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<td>$^{	ext{**}}$</td>
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**B**

- Gated on **A**
- Gated on **B**
- Gated on **C**

**VEHICLE**

- VEHICLE
- VPA/T4