### Table and Graphs

#### A. Cell Counts

<table>
<thead>
<tr>
<th>Cells x 10^3 per ml BALF</th>
<th>Epithel.</th>
<th>EosinΦ</th>
<th>MacroΦ</th>
<th>Lympho.</th>
<th>NeutroΦ</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT + OVA</td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Cerk +/- + OVA</td>
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</tr>
<tr>
<td>Cerk +/- + vehicle</td>
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<td></td>
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<tr>
<td>WT + vehicle</td>
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</tr>
</tbody>
</table>

- p = 0.94
- p = 0.54
- p = 0.80
- p = 0.69

#### B. IgG1

- p = 0.94

#### C. PGE2

- p = 0.38
- p = 0.002

#### IgE

- p = 0.53

### Statistical Analysis

- WT + OVA vs. Cerk +/- + OVA: p = 0.94
- Cerk +/- + OVA vs. Cerk +/- + vehicle: p = 0.54
- WT + vehicle vs. Cerk +/- + vehicle: p = 0.80
- WT + OVA vs. WT + vehicle: p = 0.69
- Cerk +/- + OVA vs. Cerk +/- + vehicle: p = 0.53
- WT + OVA vs. WT + OVA: p = 0.94
- Cerk +/- + OVA vs. Cerk +/- + vehicle: p = 0.54
- WT + vehicle vs. Cerk +/- + vehicle: p = 0.38
- WT + OVA vs. WT + vehicle: p = 0.002

### Conclusion

The results indicate no significant differences in cell counts (Epithel., EosinΦ, MacroΦ, Lympho., NeutroΦ) between WT + OVA and Cerk +/- + OVA, as well as between Cerk +/- + OVA and Cerk +/- + vehicle. Additionally, there are no significant differences in IgG1 levels between WT + OVA and WT + vehicle. However, there is a significant difference in PGE2 levels (p = 0.002) and IgE levels (p = 0.53) between WT + OVA and WT + vehicle.