Table S1 – The pro-inflammatory profile of airway epithelial and immune cells in the cystic fibrosis lung

<table>
<thead>
<tr>
<th>Cell source</th>
<th>Pro-inflammatory phenotype</th>
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<tbody>
<tr>
<td><strong>Airway epithelial cells</strong></td>
<td>Dysregulation of transcription factor activation&lt;sup&gt;15, S25,S27&lt;/sup&gt;</td>
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<td>ER stress response to abnormally folded CFTR&lt;sup&gt;18, S30&lt;/sup&gt;</td>
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<td>Higher and more protracted IL-8 production in response to infection, and higher concentration gradient&lt;sup&gt;S11, S12&lt;/sup&gt;</td>
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<td>Decreased apoptosis during viral infection&lt;sup&gt;10&lt;/sup&gt;</td>
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<td>Increased viral replication&lt;sup&gt;10&lt;/sup&gt;</td>
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<td><strong>Immune cells</strong></td>
<td>Abnormal immune cell localization in the lung&lt;sup&gt;22, S31,S33, S34&lt;/sup&gt;</td>
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<td>Increased production of CC chemokines and IL-2&lt;sup&gt;20&lt;/sup&gt;</td>
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<td>Lower production of IL-10, IL-8, IFN-γ&lt;sup&gt;21&lt;/sup&gt;</td>
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<td>Increased expression of TLR-4&lt;sup&gt;21,S32&lt;/sup&gt;</td>
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<td>Defective killing of internalized bacteria&lt;sup&gt;S34&lt;/sup&gt;</td>
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<td>Increased Th17 cells and IL-17 production&lt;sup&gt;23,S35&lt;/sup&gt;</td>
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Online references (Supplemental file)

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