<table>
<thead>
<tr>
<th>Case No. 3</th>
<th>Organ: optic nerve</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Species:</strong> Rhesus monkey (<em>M. mulatta</em>)</td>
<td>male, adult</td>
</tr>
</tbody>
</table>

**Case history:** Experimental SIV infection within vaccine trials. Animal developed severe signs of an immunodeficiency five months after onset of the infection.

**Gross pathology:** Numerous organs presented lesions due to different opportunistic infectious agents. Eyes: no abnormality detected.

**Microscopical description:**

**Pathohistological diagnosis:**
- Neuritis, multifocal, subacute, mixed cell infiltration, intranuclear basophilic inclusions

**Aetiology/Comment:** Simian Virus (SV) 40
- „multifocal leukoencephalopathy“ (JC virus)