## Index of Figures

<table>
<thead>
<tr>
<th>Figure</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 1: Factors involved in enzymatic degradation of articular cartilage matrix</td>
<td>8</td>
</tr>
<tr>
<td>Figure 2: Factors involved in articular cartilage degradation in equine osteoarthritis</td>
<td>14</td>
</tr>
<tr>
<td>Figure 3: Proposed mechanism of cartilage degradation during rheumatic diseases</td>
<td>34</td>
</tr>
<tr>
<td>Figure 4a: pH values in the groups with 6 or more samples</td>
<td>47</td>
</tr>
<tr>
<td>Figure 4b: pH values in the groups with 5 or less samples</td>
<td>47</td>
</tr>
<tr>
<td>Figure 5a: Total protein values in the groups with 6 or more samples</td>
<td>48</td>
</tr>
<tr>
<td>Figure 5b: Total protein values in the groups with 5 or less samples</td>
<td>48</td>
</tr>
<tr>
<td>Figure 6a: Total white blood cell count in the groups with 6 or more samples</td>
<td>50</td>
</tr>
<tr>
<td>Figure 6b: Total white blood cell count in the groups with 5 or less samples</td>
<td>50</td>
</tr>
<tr>
<td>Figure 6c: Total white blood cell count in the groups with 6 or more samples, using a different scale for the Y-Axis than the one showed on figure 6a.</td>
<td>50</td>
</tr>
<tr>
<td>Figure 7a: MPO-Activity values in the groups with 6 or more samples</td>
<td>51</td>
</tr>
<tr>
<td>Figure 7b: MPO-Activity values in the groups with 5 or less samples</td>
<td>51</td>
</tr>
<tr>
<td>Figure 8: Relationship between synovial pH and MPO-Activity</td>
<td>54</td>
</tr>
<tr>
<td>Figure 9: Relationship between synovial total protein content and MPO-Activity</td>
<td>55</td>
</tr>
<tr>
<td>Figure 10: Relationship between synovial total white blood cell count and MPO-Activity</td>
<td>56</td>
</tr>
<tr>
<td>Figure 11: Relationship between degree of lameness and MPO-Activity</td>
<td>57</td>
</tr>
</tbody>
</table>