### Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF</td>
<td>acentric fragments</td>
</tr>
<tr>
<td>BN</td>
<td>binucleated</td>
</tr>
<tr>
<td>Ca F</td>
<td>Case Female</td>
</tr>
<tr>
<td>Ca M</td>
<td>Case Male</td>
</tr>
<tr>
<td>CBMNA</td>
<td>Cytokinesis-Blocked Micronuclei Assay</td>
</tr>
<tr>
<td>CCD</td>
<td>charge coupled device</td>
</tr>
<tr>
<td>CCRs</td>
<td>Complex Chromosomal Rearrangements</td>
</tr>
<tr>
<td>CL</td>
<td>Comet length</td>
</tr>
<tr>
<td>Con F</td>
<td>Control Female</td>
</tr>
<tr>
<td>Con M</td>
<td>Control Male</td>
</tr>
<tr>
<td>CS</td>
<td>Calf serum</td>
</tr>
<tr>
<td>DSB</td>
<td>Double Strand DNA break</td>
</tr>
<tr>
<td>FBS</td>
<td>Fetal Bovine serum</td>
</tr>
<tr>
<td>FCS</td>
<td>Fetal calf serum,</td>
</tr>
<tr>
<td>FISH</td>
<td>Fluorescent in-situ hybridization</td>
</tr>
<tr>
<td>GSTM1</td>
<td>glutathione S-transferase class mu</td>
</tr>
<tr>
<td>ISCN</td>
<td>International System for Human Cytogenetics Nomenclature</td>
</tr>
<tr>
<td>JT</td>
<td>Jumping translocations</td>
</tr>
<tr>
<td>LMPA</td>
<td>low melting point agarose</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>LTP</td>
<td>long term potentiation</td>
</tr>
<tr>
<td>M.W.</td>
<td>Molecular weight</td>
</tr>
<tr>
<td>MNi</td>
<td>Micronuclei</td>
</tr>
<tr>
<td>MONO</td>
<td>mononucleated</td>
</tr>
<tr>
<td>MULT</td>
<td>multinucleated</td>
</tr>
<tr>
<td>NCS</td>
<td>New born calf serum</td>
</tr>
<tr>
<td>NMPA</td>
<td>Normal melting point agarose</td>
</tr>
<tr>
<td>NPBs</td>
<td>Nucleoplasmic Bridges</td>
</tr>
<tr>
<td>OM</td>
<td>Olive moment</td>
</tr>
<tr>
<td>OS</td>
<td>Oxidative stress</td>
</tr>
<tr>
<td>PHA</td>
<td>Phytohaemagglutinin</td>
</tr>
<tr>
<td>rcp</td>
<td>Reciprocal translocations</td>
</tr>
<tr>
<td>ROS</td>
<td>reactive oxygen species</td>
</tr>
<tr>
<td>SABs</td>
<td>spontaneous abortions</td>
</tr>
<tr>
<td>TL</td>
<td>Tail length</td>
</tr>
<tr>
<td>TM</td>
<td>Tail moment</td>
</tr>
<tr>
<td>UV</td>
<td>ultraviolet</td>
</tr>
<tr>
<td>wcp</td>
<td>whole chromosome painting</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organisation</td>
</tr>
<tr>
<td>Xic</td>
<td>X inactivation center</td>
</tr>
</tbody>
</table>