General Recommendations for PMT Emission Filters
for Olympus Fluoview Confocal Microscope

Argon (488nm) & HeNe (543nm)

<table>
<thead>
<tr>
<th>Fluorescence Emission</th>
<th>Laser Line Selection</th>
<th>2 Dichroic Position</th>
<th>3 CH 1 510 LP</th>
<th>4 CH 1 530 SP</th>
<th>5 CH 2 565 LP</th>
<th>6 CH 2 590 LP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green only</td>
<td>488nm Blue</td>
<td>Middle</td>
<td>In</td>
<td>In</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Red only</td>
<td>543nm Yellow</td>
<td>Middle</td>
<td>---</td>
<td>---</td>
<td>In</td>
<td>Out</td>
</tr>
<tr>
<td>Green/Red</td>
<td>488nm/543nm</td>
<td>Middle</td>
<td>In</td>
<td>In</td>
<td>In</td>
<td>Out</td>
</tr>
<tr>
<td>Green/Transmitted</td>
<td>488nm</td>
<td>Middle</td>
<td>In</td>
<td>In</td>
<td>---</td>
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</tr>
<tr>
<td>Red/Transmitted</td>
<td>543nm</td>
<td>Middle</td>
<td>---</td>
<td>---</td>
<td>In</td>
<td>Out</td>
</tr>
</tbody>
</table>

Common Fluorescent Probes:

Green Emission:
- Fluorescein
- FITC
- Cy 2
- Oregon Green
- Fluo-3
- Calcium Green
- SNARF-1
- Acridine Orange

Transmitted:
- Brightfield
- DIC/Nomarski Interference Contrast

Red Emission:
- Rhodamine
- Texas Red
- Cy 3
- Acridine Orange