Materials List for:

**Stabilizing Hepatocellular Phenotype Using Optimized Synthetic Surfaces**

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### Materials

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthesis, preparation, coating and characterization of polymer PU134 coated coverslips</td>
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<tr>
<td>Shaker</td>
<td>Edmund Bühler</td>
<td>KS-15</td>
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<tr>
<td>Irradiator</td>
<td>CIS Biointernational</td>
<td>IBL 637</td>
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<tr>
<td>Spin coater</td>
<td>Specialty Coating System</td>
<td>P-8708</td>
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<tr>
<td>Scanning Electron Microscope</td>
<td>Philips</td>
<td>XL30CPSEM</td>
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<td>Atomic Force Microscope</td>
<td>DimensionV Nanoscope, VEECO</td>
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<td>p4-GLO CYP3A4</td>
<td>Promega</td>
<td>V8902</td>
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<td>UV bulb</td>
<td>ESCO</td>
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<td>Fluorescence microscope</td>
<td>Olympus</td>
<td>TH45200</td>
<td>Use Volocity 4 Software</td>
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<td>Tissue culture plates</td>
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<td>4,4′-Methylenebis(phenyl isocyanate)</td>
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<td>Tetrahydrofuran</td>
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<td>Sputter coater</td>
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<td><strong>Immunostaining</strong></td>
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<tr>
<td>Phosphate buffer saline (-MgCl₂, -CaCl₂)</td>
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<td>Store at room temperature</td>
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<td>Methanol</td>
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<td>Bovine Serum Albumin</td>
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<tr>
<td>MOWIOL 488 DAPI</td>
<td>Calbiochem</td>
<td>475904</td>
<td>Made up in Tris HCl and glycerol as per manufacturers instructions</td>
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### Cell culture and Functional assay

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<tr>
<th>Product</th>
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<th>SKU</th>
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<tr>
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<td>TryLE express</td>
<td>Life Technologies</td>
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