Materials List for:
Wet-spinning-based Molding Process of Gelatin for Tissue Regeneration

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<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
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<tbody>
<tr>
<td><strong>Solution preparation:</strong></td>
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<tr>
<td>Gelatin type B (porcine)</td>
<td>Ferak</td>
<td>Art.-Nr. 10733</td>
<td>500 g vial</td>
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<tr>
<td><strong>Wet spinning process:</strong></td>
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<tr>
<td>Peristaltic pump</td>
<td>Gilson</td>
<td>Model M312</td>
<td>Minipuls*3</td>
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<td>Plastic tube connector</td>
<td>World Precision Instruments</td>
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<tr>
<td>Syringe</td>
<td>Sterican</td>
<td>5A06258541</td>
<td>26Gx1/2&quot;(0.45 x 12mm)</td>
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<tr>
<td>Acetone</td>
<td>Ferak</td>
<td>Art.-Nr. 00010</td>
<td>2.5 L vial</td>
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<td>Polycaprolactone CAPA 6500</td>
<td>Perstorp</td>
<td>24980-41-4</td>
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<td>Dichloromethane</td>
<td>Scharlau</td>
<td>CL03421000</td>
<td>1 L vial</td>
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<tr>
<td>Hemostat</td>
<td>Shinetec instruments</td>
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<td>-</td>
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<tr>
<td>Peripheral venous catheter (Introcan Certo)</td>
<td>B. Braun</td>
<td>1B03258241</td>
<td>24Gx3/4&quot;(0.7 x 19mm)</td>
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<td><strong>Morphology of the gelatin tube:</strong></td>
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<tr>
<td>Ion sputter coater machine</td>
<td>Hitachi</td>
<td>e1010</td>
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<td>Scanning electron microscopy</td>
<td>Hitachi</td>
<td>S-3000N</td>
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<td><strong>Cultivation of cells on tube:</strong></td>
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<tr>
<td>Trypsin-EDTA</td>
<td>Gibco</td>
<td>488625</td>
<td>100 mL vial</td>
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<td>Fetal bovine serum</td>
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<td>Dulbecco's modified Eagle's medium</td>
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<td>Powder</td>
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<td>90025</td>
<td>VENT type</td>
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<td>6-well plate</td>
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<td>NP-40 surfactant (Tergitol solution)</td>
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<td>Normal goat serum</td>
<td>Vector Laboratories</td>
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<td>Nestin (primary antibody)</td>
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<td>Name</td>
<td>Supplier</td>
<td>Code</td>
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<td>Donkey anti-mouse-fluorescein isothiocyanate (secondary antibody)</td>
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<td>Hoechst 33342</td>
<td>Anaspec</td>
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<td><strong>In vivo biocompatibility test:</strong></td>
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<td>Tiletamine+zolazepam</td>
<td>Virbac</td>
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<td>Xylazine</td>
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<td>Ketoprofen</td>
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<td>Povidone-iodine solution</td>
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<td>Cefazolin</td>
<td>China Chemical &amp; Pharmaceutical</td>
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<td>Scalpel Blade</td>
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