

Materials List for:

# Printing Thermoresponsive Reverse Molds for the Creation of Patterned Two-component Hydrogels for 3D Cell Culture

Michael Müller<sup>1</sup>, Jana Becher<sup>2</sup>, Matthias Schnabelrauch<sup>2</sup>, Marcy Zenobi-Wong<sup>1</sup>

<sup>1</sup>Department of Health Science & Technology, Cartilage Engineering & Regeneration

<sup>2</sup>Biomaterials Department, Innovent e.V.

Correspondence to: Marcy Zenobi-Wong at [marcy.zenobi@hest.ethz.ch](mailto:marcy.zenobi@hest.ethz.ch)

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## Materials

Name	Company	Catalog Number	Comments
<b>REAGENTS</b>			
Poloxamer (Pluronic F127)	Sigma	P2443	
PBS	Invitrogen	<a href="#">10010-015</a>	
CAD software	regenHU	BioCAD	
Alginate methacrylate	Innovent e.V Technologieentwicklung Jena		Synthesized by Innovent for the FP7 Project Nr NMP4-SL-2009-229292
Fibrinogen From Human Plasma, Alexa Fluor 488 Conjugate	Invitrogen	F13191	
Lithium phenyl-2,4,6-trimethylbenzoylphosphinate (LAP)	Innovent e.V Technologieentwicklung Jena		Synthesized by Innovent for the FP7 Project Nr NMP4-SL-2009-229292
Agarose	Lonza	50004	
<b>EQUIPMENT</b>			
Bioprinter	regenHU	Biofactory	
Valve	regenHU	300 µm Nozzel Diameter	
Needle	regenHU	150 µm Inner Diameter	
Zeiss Axioobserver with ApoTome	Zeiss		
UV Light Source	UVP	Blak-Ray B-100AP High Intensity UV Lamp	100 W