

Materials List for:

Fabrication and Application of Rose Bengal-chitosan Films in Laser Tissue Repair

Antonio Lauto¹, Marcus Stoodley², Matthew Barton¹, John W. Morley¹, David A. Mahns¹, Leonardo Longo³, Damia Mawad¹

¹Bioelectronics and Neuroscience (BENS) research group, University of Western Sydney, NSW Australia

²Australian School of Advanced Medicine, Macquarie University, NSW Australia

³School of Medicine, University of Siena, Italy

Correspondence to: Antonio Lauto at a.lauto@uws.edu.au

URL: <https://www.jove.com/video/4158>

DOI: [doi:10.3791/4158](https://doi.org/10.3791/4158)

Materials

Name	Company	Catalog Number	Comments
Rose Bengal	Sigma-Aldrich	632-69-9	
Chitosan (medium MW)	Sigma-Aldrich	10318AJ	
Glacial acetic acid	Sigma-Aldrich	08050051	2% v/v in DI water
Magnetic stirrer	Heidolph	MR Hei-Mix S	
Centrifuge	Beckman Coulter Inc.	Allegra X-12R	
Spectrophotometer	Varian Inc., Agilent	Cary 4000 UV-Visible	
Laser	CNI Laser	MGL-532	
Micrometer	Mitutoyo	Series 227	
Surgical microscope	Carl Zeiss, Inc.	OPMI	