

Materials List for:

Assessing Collagen and Elastin Pressure-dependent Microarchitectures in Live, Human Resistance Arteries by Label-free Fluorescence Microscopy

Maria Bloksgaard¹, Bjarne Thorsted², Jonathan R. Brewer², Jo G. R. De Mey^{1,3}

¹Department of Cardiovascular and Renal Research, Institute of Molecular Medicine, University of Southern Denmark

²Department of Biochemistry and Molecular Biology, University of Southern Denmark

³Department of Cardiac, Thoracic and Vascular Surgery, Odense University Hospital

Correspondence to: Maria Bloksgaard at mbloksgaard@health.sdu.dk

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Materials

Name	Company	Catalog Number	Comments
Fine Science Tools	15401-12		
Fine Science Tools	11251-23		
Nikon	SMZ800N		
Sigma-Aldrich, Brøndby, Denmark.	761028	for dissection purpose	
Vitrex Medical A/S, Herlev, Denmark	1.63, 2.13, 210mm		
Smiths medical Intl, UK			
Ethicon	Ethilon 11-0		
Custom built		DK patent number 201200167, University of Southern Denmark, J. Schoubo V. Jensen, F. Jensen. T.R. Uhrenholt	
Mettler toledo			
Sigma-Aldrich, Brøndby, Denmark.	B3259		
Sigma-Aldrich, Brøndby, Denmark.	A7030		
Sigma-Aldrich, Brøndby, Denmark.	C5670		
Sigma-Aldrich, Brøndby, Denmark.	G7021		
Sigma-Aldrich, Brøndby, Denmark.	E3889		
Merck Millipore, Hellerup, Denmark	1.00496.9010	Phosphate buffered (pH 6.9) 4% formaldehyde solution	
Sigma-Aldrich, Brøndby, Denmark.	H3784		
Sigma-Aldrich, Brøndby, Denmark.	P9666		
Sigma-Aldrich, Brøndby, Denmark.	P5655		
Sigma-Aldrich, Brøndby, Denmark.	M2643		
Sigma-Aldrich, Brøndby, Denmark.	S2002		
Sigma-Aldrich, Brøndby, Denmark.	S5886		
Sigma-Aldrich, Brøndby, Denmark.	S5761		
Sigma-Aldrich, Brøndby, Denmark.	1.06462		
Gibco, ThermoFisher Scientific	10010015		
Sigma-Aldrich, Brøndby, Denmark.	PHR1423		
Sigma-Aldrich, Brøndby, Denmark.	Z370525		
Tocris Bioscience, Bristol, UK	538944		
Nikon	Custom built		

Spectra Physics, Mountain View, CA			
Nikon	CFI Plan Apo IR SR 60XWI NA 1.27		
Nikon	CFI Plan Fluor 20XMI (multi-immersion) NA 0.75		
Hamamatsu, Ballerup, Denmark	H7422P-40		
AHF analysentechnik AG (Tübingen, Germany).	ChromaET 460 nm long pass dichroic		
AHF analysentechnik AG (Tübingen, Germany).	Semrock FF01-520/35-25 BrightLine filter		
AHF analysentechnik AG (Tübingen, Germany).	Chroma ET402/15X		
Scotch TM			
	coverslip thickness should match used objective on microscope (#1 or #1.5), alternatively, set adjustment collar to match coverslip		