

Materials List for:

Generation of Scalable, Metallic High-Aspect Ratio Nanocomposites in a Biological Liquid Medium

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URL: <https://www.jove.com/video/52901>

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Materials

Name	Company	Catalog Number	Comments
Mini Vortexer	VWR (https://us.vwr.com)	58816-121	
CO ₂ Incubator Model # 2425-2	VWR (https://us.vwr.com)	Contact vendor	Current model catalog # 98000-360
Eppendorf Centrifuge (Refrigerated Microcentrifuge)	Labnet (http://labnetinternational.com/)	C2500-R	Model Prism R
Cell Culture Centrifuge Model Z323K	Labnet (http://labnetinternational.com/)	Contact vendor	Current model Z206A catalog # C0206-A
Sonicator (Ultrasonic Cleaner)	Branson Ultrasonics Corporation (http://www.bransoninc.com/)	1510R-MTH	
Balance	Sartorius (http://dataweigh.com)		Model CP225D similar model CPA225D
Olympus IX51 Inverted Light Microscope	Olympus (http://olympusamerica.com)	Contact vendor	
Olympus DP71 microscope digital camera	Olympus (http://olympusamerica.com)	Contact vendor	
external power supply unit - white light for Olympus microscope	Olympus (http://olympusamerica.com)	TH4-100	
10X, 20X, and 40X microscope objectives	Olympus (http://olympusamerica.com)	Contact vendor	
Scanning Electron Microscope	Hitachi (http://hitachi-hitec.com/global/em/sem/sem_index.html)	model S-4800	
Transmission Electron Microscope	Zeiss (http://zeiss.com/microscopy/en_de/products.html)	model Libra 120	
Table Top Work Station Unidirectional Flow Clean Bench	Envirco (http://envirco-hvac.com)	model PNG62675	Used for sterile cell culture technique