Materials List for:

Intra-iliac Artery Injection for Efficient and Selective Modeling of Microscopic Bone Metastasis

Cuijuan Yu^{1,2}, Hai Wang^{1,2}, Aaron Muscarella^{1,2}, Amit Goldstein^{1,2}, Huan-Chang Zeng³, Yangjin Bae⁴, Brendan H. I. Lee⁴, Xiang H.-F. Zhang^{1,2,5,6}

Correspondence to: Xiang H.-F. Zhang at xiangz@bcm.edu

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Materials

Name	Company	Catalog Number	Comments
Materials			
DMEM	HyClone	SH30022.01	
FBS	Gibco	16000	
Pen/Strep Amphatericin B	Lonza Biowhittaker	17-745E	
PBS	Lonza Biowhittaker	17-516F	
Trypsin/EDTA solution	HyClone	SH30042.01	
45 μM cell strainer	VWR International Laboratory	195-2545	
MediGel CPF with carprofen	Controlled item from veterinary care in BCM		For pain management
Buprenorphine	Controlled item from veterinary care in BCM		For pain management
Estradiol pellet	Innovative Research of America	SE-121	
Ketamine and xylazine	Controlled item from veterinary care in BCM		
Vet ointment	Controlled item from veterinary care in BCM		Avoid eye dryness
Shaver	Oster	78005-050	For furred mice
Isopropyl ethanol	ACROS	67-63-0	
Betadine surgical scrub	Controlled item from veterinary care in BCM		
#10 scalpel blades	Ted Pella, Inc	549-3CS-10	Multiple
No. 3 handle	Ted Pella, Inc	541-31	Need to be autoclaved
Sterile surgical drape	Sai Infusion Technology	PSS-SD1	
Straight forceps	Roboz Surgical Instrument	RS-5132	Need to be autoclaved
Straight fine forceps	Fine Science Tools	11253-20	Need to be autoclaved
Edged fine forceps	Fine Science Tools	11253-25	Need to be autoclaved
4-0 Vicryl silk suture	Johnson & Johnson Health Care	J214H	
31 G insuline syringes	BD	328418	Multiple
Q-tips cotton swabs (Sterile)	VWR International Laboratory	89031-272	
Skin glue	Henry Schein Animal Health	31477	For surgery site skin closure
Ear Tag Applicator	Fine Science Tools	24220-00	

¹Lester and Sue Smith Breast Center, Baylor College of Medicine

²Department of Molecular and Cellular Biology, Baylor College of Medicine

³Graduate Program in Developmental Biology, Baylor College of Medicine

⁴Department of Molecular and Human Genetics, Baylor College of Medicine

⁵McNair Medical Institute, Baylor College of Medicine

⁶Dan L. Duncan Cancer Center, Baylor College of Medicine

Ear tags	Fine Science Tools	24220-50	
D-luciferin	Gold Biotechnology	LUCK	Avoid light and put on ice
28 G insulin syringes	BD	329410	For intra-orbital injection
Paraformadehyde	Alfa Aesar	30525-89-4	For tissue fixation
EDTA	OmniPur	4050	For bone tissue decalficication
Name	Company	Catalog Number	Comments
Equipment			
Dissection microscope	Leica	Leica S6E stereo	
IVIS Lumina II imaging system	Advanced Molecular Vision		
Name	Company	Catalog Number	Comments
Antibodies			
Anti-GFP antibodies (JL-8)	Clontech	632381	
Anti-ALP antibodies	Abcam	ab108337	
Anti-Osterix antibodies	Abcam	ab22552	