

Materials List for

# Interrogating Cell-Cell Interactions in the Salivary Gland via *Ex Vivo* Live Cell Imaging

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jove.com/video/65819

## Materials

Name	Company	Catalog Number	Comments
0.4 µm filter cell culture inserts (Nunc)	Avantor/VWR	734-2240	Inserts pre-packed in 6-well multidishes, 20 mm × 25 mm
24 well plate	Corning	3524	
35 mm dish	Falcon	353001	
6 well plate	Corning	3516	
Coverslips	Paul Marienfeld GmbH & Co. KG	111650	Deckglaser Cover Glasses 25 mm diameter
Double-sided sticker	Grace Bio-Labs	654004	SecureSeal Imaging Spacers SS1 x 13, 13 mm diameter x 0.12 mm depth, 25 mm x 25mm OD
EtOH	Scientific Laboratories Supplies	CHE1924	Absolute ethanol (EtOH) AR, 99.7%
F4/80 antibody	Invitrogen	17-4801-82	F4/80 Monoclonal Antibody (BM8), APC, eBioscience
Forceps	Fine Science Tools	91113-10	Student Fine Forceps Straight Broad Shanks
Glass bottom 6 well plate	Cellvis	P06-1.5H-N	6 well glass bottom plate with high performance #1.5 cover glass
Hanks Balanced Salt Solution (HBSS)	Life Technologies	14025050	+calcium +magnesium, no phenol red
Hoechst	Sigma Aldrich	14533	Alternative name: bisBenzimide H 33342 trihydrochloride
Ice box	Fisher Scientific	11339623	Azlon Polyurethane Ice Buckets with Lid
Imaging and analysis software	Harmony		
Low Melting Agarose	Merck	A9414-25G	
Paintbrush			Watercolour brush, 10 mm x 2mm tip
Penicillin-Streptomycin	Sigma Aldrich	P4333	10,000 units penicillin and 10 mg streptomycin/mL, 0.1 µm filtered
Phosphate Buffered Saline (PBS)	Life Technologies	20012027	
RPMI	ThermoFisher	12634010	Gibco Advanced DMEM/F-12
Scalpel	Swann-Morton		Disposable scalpels, No. 11 blade

Scissors	Fine Science Tools	14088-10	Extra Narrow Scissors 10.5 cm
Shepherd Mark-I-68A 137Cs irradiator	JL Shepherd & Associates		
Superglue	Bostik		Multi-purpose superglue, fast setting, ultra strong
Vibratome	Leica		Leica VT 1000 S
Vibratome blades	Astra		Superior Platinum Double Edge blade
Wild-type (C57BL/BJ) mice	Charles River		