

# Phospholipid Mediator Induced Transformation in Three-Dimensional Cultures

 Abhijith Kuttanamkuzhi<sup>1</sup>, Libi Anandi<sup>1,2</sup>, Vaishali Chakravarty<sup>1,3</sup>, Mayurika Lahiri<sup>1</sup>
<sup>1</sup>Biology Department, Indian Institute of Science Education and Research <sup>2</sup>Department of Biology, Center for Genomics and Systems Biology, New York University <sup>3</sup>Enveda Therapeutics India Pvt Ltd.

## Corresponding Author

Mayurika Lahiri

mayurika.lahiri@iiserpune.ac.in

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## Materials

Name	Company	Catalog Number	Comments
0.05% Trypsin EDTA	Invitrogen	25300062	
16% paraformaldehyde	Alfa Aesar	AA433689M	
Anti Mouse Alexa Flour 488	Invitrogen	A11029	
Anti Rabbit Alexa Flour 488	Invitrogen	A-11008	
BSA	Sigma	A7030	
Chamber Coverglass	Nunc	155409	
Cholera Toxin	Sigma	C8052-1MG	1 mg/mL in dH <sub>2</sub> O
Confocal Microscope	Leica	Leica SP8	
DMEM	Gibco	11965126	
EDTA	Sigma	E6758	
EGF	Sigma	E9644-0.2MG	100 mg/mL in dH <sub>2</sub> O
F(ab') <sub>2</sub> fragment of antibody raised in goat against mouse antigen	Jackson ImmunoResearch	115-006-006	
GM130 antibody	Abcam	ab52649	
Goat Serum	Abcam	ab7481	
Hoechst	Invitrogen	33258	
Horse Serum	Gibco	16050122	
Hydrocortisone	Sigma	H0888	1 mg/mL in ethanol
Image Processing Software	ImageJ		
Insulin	Sigma	I1882	10 mg/mL stock dH <sub>2</sub> O
IrECM (Matrigel)	Corning	356231	
Mounting reagent (Slow fade Gold Anti-fade)	Invitrogen	S36937	
Nuclear Stain (Hoechst)	Invitrogen	33258	
PAF	Cayman Chemicals	91575-58-5	Methylcarbamy PAF C-16, procured as a 10 mg/mL in ethanol
Penicillin-Streptomycin	Lonza	17-602E	

Sodium Azide	Sigma	S2002	
Tris Base	Sigma	B9754	
Triton X-100	Sigma	T8787	
Tween 20	Sigma	P9416	
Vimentin antibody	Abcam	ab92547	
$\alpha$ 6-integrin antibody	Millipore	MAB1378	