

# Reprogramming Pancreatic Ductal Adenocarcinoma to Pluripotency

Amani Alshaikh<sup>1,2</sup>, Dmytro Grygoryev<sup>3</sup>, Dove Keith<sup>4</sup>, Brett Sheppard<sup>4,5</sup>, Rosalie C Sears<sup>4,6</sup>, Jungsun Kim<sup>3,6</sup>, Abdenour Soufi<sup>1</sup>

<sup>1</sup>Centre for Regenerative Medicine, Institute of Regeneration and Repair, Institute of Stem Cell Research, The University of Edinburgh <sup>2</sup>King Abdulaziz City for Science and Technology Health Sector (KACST) <sup>3</sup>Cancer Early Detection Advanced Research Center, Knight Cancer Institute, Oregon Health & Science University <sup>4</sup>Brenden-Colson Center for Pancreatic Care, Oregon Health & Science University <sup>5</sup>Department of Surgery, Oregon Health & Science University <sup>6</sup>Department of Molecular & Medical Genetics, Oregon Health & Science University

## Corresponding Author

Abdenour Soufi

Abdenour.Soufi@ed.ac.uk

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jove.com/video/65811

## Materials

Name	Company	Catalog Number	Comments
2-Mercaptoethanol (50 mM)	Thermo Fisher	31350010	
Alexa Fluor 488 anti- human TRA-1-60-R	BioLegend	330613	
Bovine Pituitary Extract (BPE)	Thermo Fisher	13028014	
BxPc3	ATCC	CRL-1687	
Cholera Toxin from <i>Vibrio cholerae</i>	Merck	C8052-1MG	
Collagen, Type I solution from rat tail	Merck	C3867	
Completed Defined K-SFM	Thermo Fisher	10744-019	
Corning Costar TC-Treated Multiple Well Plates	Merck	CLS3516	
Corning syringe filters	Merck	CLS431231	
Corning tissue-culture treated culture dishes	Merck	CLS430599	
Day Impex Virkon Disinfectant Virucidal Tablets	Thermo Fisher	12328667	
Dulbecco's Phosphate Buffered Saline (PBS)	Merck	D8537	
Fetal Calf Serum (FCS)	Thermo Fisher	10270-106	
Fugene HD Transfection Reagent	Promega	E2312	
Gelatin solution, Type B, 2% in H <sub>2</sub> O	Merck	G1393-100ML	
Glasgow Minimum Essential Media (GMEM)	Merck	G5154	
Human EGF Recombinant Protein	Thermo Fisher	PHG0311	
Human FGF-basic (FGF-2/bFGF) (154 aa) Recombinant Protein, PeproTech	Thermo Fisher	100-18B	
Human Pancreatic Duct Epithelial Cell Line (H6c7)	Kerafast	ECA001-FP	

iMEF feeder cells	iXcells Biotechnologies	10MU-001-1V	
Keratinocyte Serum Free Media (KSFM)	Thermo Fisher	17005-042	
KnockOut DMEM	Thermo Fisher	10829018	
KnockOut serum Replacement	Thermo Fisher	10828028	
L-Glutamine (200 mM)	Thermo Fisher	25030-024	
MEM Non-Essential Amino Acids Solution (100x)	Thermo Fisher	11140050	
Millex-HP 0.45 µM syringe Filter Unit (Sterile)	Merck	SLHP033RS	
Opti-MEM Reduced Serum Medium	Thermo Fisher	31985062	
pMDG	AddGene	187440	
Polybrene (Hexadimethrine bromide)	Merck	H9268-5G	
pSIN4-CMV-K2M	AddGene	21164	
pSIN4-EF2-O2S	AddGene	21162	
psPAX2	AddGene	12260	
pWPT-GFP	AddGene	12255	
RPMI 1640 Medium (ATCC modification)	Thermo Fisher	A1049101	
Sodym Pyruvate	Thermo Fisher	11360-039	
Sterile Syringes for Single Use (60 mL)	Thermo Fisher	15899152	
TrypLE Express Enzyme (1x), phenol red	Thermo Fisher	12605036	
UltraPure 0.5M EDTA, pH 8.0	Thermo Fisher	15575020	
Y-27632 (Dihydrochloride)	STEMCELL Technologies	72304	