

Materials List for:

# Transplantation of Olfactory Ensheathing Cells to Evaluate Functional Recovery after Peripheral Nerve Injury

Nicolas Guerout<sup>1,2</sup>, Alexandre Paviot<sup>1,3</sup>, Nicolas Bon-Mardion<sup>1,3</sup>, Axel Honoré<sup>1</sup>, Rais OBongo<sup>1,4</sup>, Célia Duclos<sup>1</sup>, Jean-Paul Marie<sup>1,3</sup>

<sup>1</sup>UPRES EA3830, Institute for Research and Innovation in Biomedicine, University of Rouen

<sup>2</sup>Neuroscience, Karolinska Institutet

<sup>3</sup>Otorhinolaryngology, Head and Neck Surgery Department, Rouen University Hospital

<sup>4</sup>Otorhinolaryngology, Head and Neck Surgery Department, Amiens University Hospital

Correspondence to: Nicolas Guerout at [nicolas\\_guerout\\_76@hotmail.com](mailto:nicolas_guerout_76@hotmail.com)

URL: <https://www.jove.com/video/50590>

DOI: [doi:10.3791/50590](https://doi.org/10.3791/50590)

## Materials

Name	Company	Catalog Number	Comments
DMEM/F12	Invitrogen	E3521T	
FBS	Invitrogen	E3387M	
Penicilin/streptomycin	Invitrogen	1152-8876	
HBSS	Invitrogen	M3467Y	
Trypsin-EDTA	Invitrogen	M3513P	
Cacodylate	Merck	1.03256.0100	
DDSA	Biovalley	00563-450	
MNA	Biovalley	00886-450	
BDMA	Biovalley	00141-100	
Polybed 812	Biovalley	08791-500	
PE anti-mouse	BD Bioscience	550589	
Matrigel GFR	BD Bioscience	356231	
Collagenase A	Roche	10103586001	
Mouse anti P75	Chemicon	MAB 365	
11.0 Wire	Ethicon	FG 2881	
Toluidine Blue	Ral Diagnostics	361590-0025	
Centrifuge	Sigma	Sigma 2-16PK	
Incubator	Thermo Scientific		
Laminar flow hood	Faster	BH-EN 2003 S	
Flow cytometer	BD Bioscience	FACSCalibur	
Microscope	Zeiss		
Videolaryngoscope	Karl Storz Endoskope	Telecam SL NLSC 20212120	
Acquisition system	AD Instruments	Powerlab system	
Pyramitome Ultramicrotomy System	Leica	Ultracut S	
Image analysis system	Explora Nova	Mercator	