frontiers | Frontiers in Cellular Neuroscience

TYPE Correction
PUBLISHED 14 November 2024
DOI 10.3389/fncel.2024.1512599

OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE
Bryony A. Nayagam
✉ b.nayagam@unimelb.edu.au
Rebecca Lim
✉ rebecca.lim@newcastle.edu.au

†These authors share senior authorship

RECEIVED 17 October 2024
ACCEPTED 21 October 2024
PUBLISHED 14 November 2024

CITATION
Ogier JM, Burt RA, Drury HR, Lim R and Nayagam BA (2024) Corrigendum: Organotypic culture of neonatal murine inner ear explants.
Front. Cell. Neurosci. 18:1512599.
doi: 10.3389/fncel.2024.1512599

Corrigendum: Organotypic culture of neonatal murine inner ear explants

Jacqueline M. Ogier[1,2], Rachel A. Burt[1,2,3], Hannah R. Drury[4], Rebecca Lim[4*†] and Bryony A. Nayagam[5,6*†]

[1]Department of Genetics, The Murdoch Children's Research Institute, Parkville, VIC, Australia, [2]Department of Paediatrics, The University of Melbourne, Parkville, VIC, Australia, [3]Department of Genetics, The University of Melbourne, Parkville, VIC, Australia, [4]School of Biomedical Sciences and Pharmacy, The University of Newcastle, Callaghan, NSW, Australia, [5]Department of Audiology and Speech Pathology, The University of Melbourne, Parkville, VIC, Australia, [6]The Bionics Institute, East Melbourne, VIC, Australia

KEYWORDS

organ of Corti, peripheral vestibular organs, dissection, cochlea, hair cell culture, mouse, immunohistochemistry, inner ear

A Corrigendum on
Organotypic culture of neonatal murine inner ear explants

by Ogier, J. M., Burt, R. A., Drury, H. R., Lim, R., and Nayagam, B. A. (2019). *Front. Cell. Neurosci.* 13:170. doi: 10.3389/fncel.2019.00170

In the published article, there was an error in Table 2. The amount of D-glucose to include in NB solution was incorrectly listed as "75 ug." The correct amount is "75 mg." The corrected Table 2 and its caption appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

10.3389/fncel.2024.1512599

TABLE 2 Recommended solutions required for this protocol.

MEM solution		NB solution (for cochlear preparations)		DMEM/F12 GlutaMAX solution (for vestibular preparations)	
Reagent	**Quantity**	**Reagent**	**Quantity**	**Reagent**	**Quantity**
Minimum essential media	49 mL	Neurobasal-A media	49 mL	DMEM/F12 Glutamax	15 mL
Non-essential amino acids	500 μL	N2 supplement	500 μL	D-(+)-glucose	42.73 mg
Penicillin/streptomycin	500 μL	L-glutamine	500 μL	Penicillin	200 μl
		D-glucose (Dextrose) powder	75 mg		

MEM solution is used in the initial dissection steps. NB solution is used for final cochlear explant dissection and culture. Alternatively, glycerol-based Ringer's solution and DMEM/F12 GlutaMAX solution are used for final vestibular explant dissection and culture, respectively. Separate reagent aliquots for each solution can be stored at −20°C to avoid contamination or freeze thawing of the main stock. Once combined, solutions can be stored for 2–3 days at 4°C.