

CORRECTION

ENZYME REPLACEMENT AND ENHANCEMENT THERAPIES: LESSONS FROM LYSOSOMAL DISORDERS

Robert J. Desnick and Edward H. Schuchman

Nature Reviews Genetics 3, 954–966 (2002).

The entry for Niemann–Pick Type C disease in Table 1 was incorrect. It should have read as follows:

Disease/subtypes	Deficient enzyme	Inheritance	Residual activity	CNS involvement	Primary site of pathology	Principal manifestations	Animal models
Type C	NPC1 (lipid permease), NPC2/HE1 (lysosomal cholesterol binding protein)	AR	–	+	N, RES	Progressive ND, HSM, gait disturbance and ocular abnormality	M

M, naturally occurring mouse.

The entries for Gaucher type 1 and MPSII in Table 2 were incorrect. They should have read as follows:

Disease	Human enzyme replaced/source	Trial	Sponsor	No. of patients	Monthly dose (mg kg ⁻¹)	Status	References
Gaucher type 1	Acid β -glucosidase/CHO	Phase 1/2, OL	GEN	12	3.2	Approved (1991)	23–25
MPS II	α -L-Iduronidate sulphatase/HF	Phase 1/2, R, DB, PC	TKT	12	0.3, 1.0, 3.0	ND	44

In addition, the second sentence in the section 'Enzyme replacement therapy: clinical trials' contained an error and should have read: Preclinical studies in knockout mice or other naturally occurring animal models (such as the dog model of mucopolysaccharidosis I) are under way for several other disorders, including type B Niemann–Pick disease¹², galactosialidosis⁸⁶, Wolman disease (cholesteryl ester storage disease)⁸⁹ and mucopolysaccharidosis VII^{87,88}.

CORRECTION

PREIMPLANTATION GENETIC DIAGNOSIS

Peter Braude, Susan Pickering, Frances Flinter and Caroline Mackie Ogilvie

Nature Reviews Genetics 3, 941–953 (2002).

In this review, reference 91 was cited incorrectly. The correct reference 91 should have been:

Wilton, L., Williamson, R., McBain, J., Edgar, D. & Voullaire, L. Birth of a healthy infant after preimplantation confirmation of euploidy by comparative genomic hybridization. *N. Engl. J. Med.* 345, 1537–1541 (2001).