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The mucopolysaccharidoses: a success of molecular medicine – CORRIGENDUM

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Some enzyme names given in Table 1 of the review by L.A. Clarke (Ref. 1) were incorrect. The corrected table is presented here.

Table 1. Classification of the MPSs

Name	OMIM	Enzyme	Gene loc.	GAG substrates
MPS I (Hurler, Hurler-Scheie, and Scheie syndromes)	607014 607015 607016	α-L-iduronidase	4p16.3	Dermatan sulphate Heparan sulphate
MPS II (Hunter syndrome)	309900	Iduronate-2-sulphatase	Xq28	Dermatan sulphate Heparan sulphate
MPS III A (Sanfilippo syndrome)	252900	Glucosamine *N*-sulphatase	17q25.3	Heparan sulphate
MPS III B (Sanfilippo syndrome)	252920	α-*N*-acetylglucosaminidase	17q21	Heparan sulphate
MPS III C (Sanfilippo syndrome)	252930	Acetyl CoA: α-glucosamine *N*-acetyl transferase	8p11.1	Heparan sulphate
MPS III D (Sanfilippo syndrome)	252940	*N*-acetylglucosamine-6-sulphatase	12q14	Heparan sulphate
MPS IV A (Morquio syndrome A)	253000	Galactosamine-6-sulphatase	16q24.3	Keratan sulphate
MPS IV B (Morquio syndrome B)	253010	β-D-galactosidase	3p21.33	Keratan sulphate
MPS VI (Maroteaux-Lamy syndrome)	253200	*N*-acetylgalactosamine-4-sulphatase	15q12	Dermatan sulphate
MPS VII (Sly syndrome)	253220	β-glucuronidase	7q21.11	Dermatan sulphate Heparan sulphate
MPS IX (Natowicz disease)	610492	Hyaluronidase	3p21.1	Hyaluronan

Abbreviations: GAG, glycosaminoglycan; loc., localisation; MPS I, mucopolysaccharidosis type I.

Reference

1 Clarke, L.A. (2008) The mucopolysaccharidoses: a success of molecular medicine. Expert Rev. Mol. Med. 10, e1

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