

MRC Centre for Neuromuscular Diseases PI Publications 2008 – Present

Total number of publications: 563

Total number of publications with more than one PI as author: 138

**paper with more than one PI as author

Fialho D, Schorge S, Pucovska U, Davies NP, Labrum R, Haworth A, Stanley E, Sud R, Wakeling W, Davis MB, **Kullmann DM, **Hanna MG**. Chloride channel myotonia: exon 8 hot-spot for dominant-negative interactions. *Brain*. 2007 Dec;130(Pt 12):3265-74. PubMed PMID: 17932099.

Taylor RW, **Chinnery PF, **Turnbull DM**. Investigation of metabolic myopathies. *Handb Clin Neurol*. 2007;86:193-204. PMID: 18809001.

Matthews E, Tan SV, Fialho D, Sweeney MG, Sud R, Haworth A, Stanley E, Cea G, Davis MB, **Hanna MG**. What causes paramyotonia in the United Kingdom? Common and new SCN4A mutations revealed. *Neurology*. 2008 Jan 1;70(1):50-3. PMID: 18166706.

Cree LM, Samuels DC, Chuva de Sousa Lopes S, Rajasimha HK, Wonnapijit P, Mann JR, Dahl H-H.M. **Chinnery PF**. A reduction in the number of mitochondrial DNA molecules during embryogenesis explains the rapid segregation of genotypes. *Nature Genetics* 2008; 40(2):249-54. PMID: 18223651

Kirkman M,A, Yu-Wai-Man P, **Chinnery PF**. The clinical spectrum of mitochondrial disorders. *Clinical Medicine* 2008;8:601-6: PMID: 19149282

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Szabadkai, G and **Duchen MR**, (2008) Mitochondria: The Hub of Cellular Ca²⁺ Signaling, *Physiology*, 23(2):84-94.

Duchen MR, Verkhratsky A, Muallem S. (2008) Mitochondria and calcium in health and disease. *Cell Calcium*. 44(1):1-5.

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Isman, O., Roberts, M. L., **Morgan, JE.**, Graham, I. R., Goldring, K., Lawrence-Watt, D. J., Lu, Q. L., Dunckley, M. G., Porter, A. C., Partridge, T. A., Dickson, G. (2008). Adenovirus-based targeting in myoblasts is hampered by nonhomologous vector integration. Hum. Gene Ther. 19(10), 1000-1008. PMID: 21935475

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Bennett DL, Groves M, Blake J, Holton JL, King RH, Orrell RW, Ginsberg L, **Reilly MM**. The use of nerve and muscle biopsies in the diagnosis of vasculitis: a 5 year retrospective study. JNNP 2008; 79; 1376-1381. PMID 18819942

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Under Review

Tracey A. Willis, **Kieren G. Hollingsworth**, Anna Coombs, Marie-Louise Sveen, Soren Anderson, Tanya Stojkovic, Michelle Eagle, Anna Mayhew, Paulo Loureiro de Sousa, Liz Dewar, Jasper M. Morrow, Chris D. Sinclair, **John S. Thornton**, **Katie Bushby**, **Hanns Lochmuller**, **Michael G. Hanna**, Jean-Yves Hogrel, Pierre G. Carlier, John Vissing, **Volker Straub** MRI muscle fat quantification in Limb Girdle Muscular Dystrophy 2I is more sensitive to detect disease progression than clinical Assessments of muscle strength and function. *Annals of Neurology*

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