CLNE0022: Skeletal Muscle and Associated Diseases



Ahmed M and others, 'Targeting Protein Homeostasis in Sporadic Inclusion Body Myositis' (2016) 8 Science Translational Medicine 331ra41

Amato AA and Greenberg SA, 'Inflammatory Myopathies' (2013) 19 CONTINUUM: Lifelong Learning in Neurology 1615

'An Information Leaflet for Surgical Patients.' (1983) 65 Annals of The Royal College of Surgeons of England https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2494353/

Atherton PJ and Smith K, 'Muscle Protein Synthesis in Response to Nutrition and Exercise' (2012) 590 The Journal of Physiology 1049

——, 'Muscle Protein Synthesis in Response to Nutrition and Exercise' (2012) 590 The Journal of Physiology 1049

Baar K, 'Using Molecular Biology to Maximize Concurrent Training' (2014) 44 Sports Medicine 117

——, 'Using Molecular Biology to Maximize Concurrent Training' (2014) 44 Sports Medicine 117

Baioni MTC and Ambiel CR, 'Spinal Muscular Atrophy: Diagnosis, Treatment and Future Prospects' (2010) 86 Jornal de Pediatria 261

'Balance and Walking Involvement in Facioscapulohumeral Dystrophy: A Pilot Study on the Effects of Custom Lower Limb Orthoses - European Journal of Physical and Rehabilitation Medicine 2013 April;49(2):169-78 - Minerva Medica - Journals' https://www.minervamedica.it/en/journals/europa-medicophysica/article.php?cod=R33Y2013N02A0169

Barohn RJ, Dimachkie MM and Jackson CE, 'A Pattern Recognition Approach to Patients with a Suspected Myopathy' (2014) 32 Neurologic Clinics 569

Berthelsen MP and others, 'Anti-Gravity Training Improves Walking Capacity and Postural Balance in Patients with Muscular Dystrophy' (2014) 24 Neuromuscular Disorders 492

Boldrin L and Morgan JE, 'Activating Muscle Stem Cells: Therapeutic Potential in Muscle Diseases' (2007) 20 Current Opinion in Neurology 577

Boldrin L, Zammit PS and Morgan JE, 'Satellite Cells from Dystrophic Muscle Retain

Regenerative Capacity' (2015) 14 Stem Cell Research 20

Briggs D and Morgan JE, 'Recent Progress in Satellite Cell/Myoblast Engraftment - Relevance for Therapy' (2013) 280 FEBS Journal 4281

Bushby K and others, 'Diagnosis and Management of Duchenne Muscular Dystrophy, Part 1: Diagnosis, and Pharmacological and Psychosocial Management' (2010) 9 The Lancet Neurology 77

——, 'Diagnosis and Management of Duchenne Muscular Dystrophy, Part 2: Implementation of Multidisciplinary Care' (2010) 9 The Lancet Neurology 177

——, 'Ataluren Treatment of Patients with Nonsense Mutation Dystrophinopathy' (2014) 50 Muscle & Nerve 477

By:Gordon, AM (Gordon, AM); Homsher, E (Homsher, E); Regnier, M (Regnier, M), 'Regulation of Contraction in Striated Muscle' (2000) 80 PHYSIOLOGICAL REVIEWS PHYSIOLOGICAL REVIEWS 853

">http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&gid=13&SID=C49BOGnSGP9s3PqA3ow&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&gid=13&SID=C49BOGnSGP9s3PqA3ow&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&gid=13&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&page=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&doc=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&doc=1&doc=1>">http://apps.webofknowledge.com/full_record.do.product=WOS&doc=1&doc=1>">http://apps.webofknow

By:Jones, SW (Jones, SW); Hill, RJ (Hill, RJ); Krasney, PA (Krasney, PA); O'Conner, B (O'Conner, B); Peirce, N (Peirce, N); Greenhaff, PL (Greenhaff, PL), 'Disuse Atrophy and Exercise Rehabilitation in Humans Profoundly Affects the Expression of Genes Associated with the Regulation of Skeletal Muscle Mass' (2004) 18 FASEB JOURNAL FASEB JOURNAL "http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product=WOS&page=1&doc=1>"http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.com/full_record.do?product="http://apps.webofknowledge.c

Carstens P-O and Schmidt J, 'Diagnosis, Pathogenesis and Treatment of Myositis: Recent Advances' (2014) 175 Clinical & Experimental Immunology 349

Cirak S and others, 'Exon Skipping and Dystrophin Restoration in Patients with Duchenne Muscular Dystrophy after Systemic Phosphorodiamidate Morpholino Oligomer Treatment: An Open-Label, Phase 2, Dose-Escalation Study' (2011) 378 The Lancet 595

Craig DM and others, 'Utilizing Small Nutrient Compounds as Enhancers of Exercise-Induced Mitochondrial Biogenesis' (2015) 6 Frontiers in Physiology

Cup EH and others, 'Exercise Therapy and Other Types of Physical Therapy for Patients With Neuromuscular Diseases: A Systematic Review' (2007) 88 Archives of Physical Medicine and Rehabilitation 1452

Dalakas MC, 'Inflammatory Muscle Diseases' (2015) 372 New England Journal of Medicine 1734

Darras BT, De Vivo DC and Jones HR, Neuromuscular Disorders of Infancy, Childhood, and Adolescence: A Clinician's Approach (Butterworth-Heinemann 2003)

Department of Health, 'Toolkit for Producing Patient Information, Version 2' https://www.uea.ac.uk/documents/246046/0/Toolkit+for+producing+patient+information

.pdf>

Dubowitz V, Sewry CA and Oldfors A, Muscle Biopsy: A Practical Approach (Fourth edition, Saunders Elsevier 2013)

Egner IM and others, 'A Cellular Memory Mechanism Aids Overload Hypertrophy in Muscle Long after an Episodic Exposure to Anabolic Steroids' (2013) 591 The Journal of Physiology 6221

Feingold B and others, 'Management of Cardiac Involvement Associated With Neuromuscular Diseases: A Scientific Statement From the American Heart Association' (2017) 136 Circulation

Fitts RH and others, 'Prolonged Space Flight-Induced Alterations in the Structure and Function of Human Skeletal Muscle Fibres' (2010) 588 The Journal of Physiology 3567

Forbes SC and others, 'Magnetic Resonance Imaging and Spectroscopy Assessment of Lower Extremity Skeletal Muscles in Boys with Duchenne Muscular Dystrophy: A Multicenter Cross Sectional Study' (2014) 9 PLoS ONE

'Force-Velocity Properties of Human Skeletal Muscle Fibres: Myosin Heavy Chain Isoform and Temperature Dependence.' (1996) 495 The Journal of Physiology https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1160815/

Fuglsang-Frederiksen A, 'The Role of Different EMG Methods in Evaluating Myopathy' (2006) 117 Clinical Neurophysiology 1173

Garner M, Ning Z and Francis J, 'A Framework for the Evaluation of Patient Information Leaflets' (2012) 15 Health Expectations 283

Glover GH and Schneider E, 'Three-Point Dixon Technique for True Water/Fat Decomposition withB0 Inhomogeneity Correction' (1991) 18 Magnetic Resonance in Medicine 371

Goemans NM and others, 'Systemic Administration of PRO051 in Duchenne's Muscular Dystrophy' (2011) 364 New England Journal of Medicine 1513

Great Britain. Audit Commission for Local Authorities and the National Health Service in England and Wales., What Seems to Be the Matter Communication (National Health Service Report) (Stationery Office)

https://webarchive.audit-commission/aboutus/publications/pages/national-reports-and-studies-archive.aspx.html

Hardie DG and Sakamoto K, 'AMPK: A Key Sensor of Fuel and Energy Status in Skeletal Muscle' (2006) 21 Physiology 48

Harridge SDR and others, 'Whole-Muscle and Single-Fibre Contractile Properties and Myosin Heavy Chain Isoforms in Humans' (1996) 432 Pflügers Archiv - European Journal of Physiology 913

Hawley JA and others, 'Integrative Biology of Exercise' (2014) 159 Cell 738

Hoffmann GF, Zschocke J and Nyhan WL (eds), Inherited Metabolic Diseases: A Clinical Approach (Second edition, Springer 2017)

Hogrel J-Y and others, 'Longitudinal Functional and NMR Assessment of Upper Limbs in Duchenne Muscular Dystrophy' (2016) 86 Neurology 1022

Hoier B and Hellsten Y, 'Exercise-Induced Capillary Growth in Human Skeletal Muscle and the Dynamics of VEGF' (2014) 21 Microcirculation 301

Hollak CEM and Lachmann R (eds), Inherited Metabolic Disease in Adults, vol 1 (Oxford University Press 2016)

http://www.oxfordmedicine.com/view/10.1093/med/9780199972135.001.0001/med-9780199972135

—— (eds), Inherited Metabolic Disease in Adults, vol 1 (Oxford University Press 2016) http://www.oxfordmedicine.com/view/10.1093/med/9780199972135.001.0001/med-9780199972135

Hollingsworth KG and others, 'Towards Harmonization of Protocols for MRI Outcome Measures in Skeletal Muscle Studies: Consensus Recommendations from Two TREAT-NMD NMR Workshops, 2 May 2010, Stockholm, Sweden, 1–2 October 2009, Paris, France' (2012) 22 Neuromuscular Disorders S54

Hunter S, White M and Thompson M, 'Techniques to Evaluate Elderly Human Muscle Function: A Physiological Basis' (1998) 53A The Journals of Gerontology Series A: Biological Sciences and Medical Sciences B204

Institute of Neurology, Queen Square and National Hospital for Neurology and Neurosurgery (London, England), Neurology: A Queen Square Textbook (Charles Clarke and others eds, Second edition, John Wiley & Sons, Inc 2016) https://onlinelibrary.wiley.com/doi/book/10.1002/9781118486160

Jeppesen TD and others, 'Aerobic Training Is Safe and Improves Exercise Capacity in Patients with Mitochondrial Myopathy' (2006) 129 Brain 3402

Jones DA, Haan A de and Round JM, Skeletal Muscle from Molecules to Movement: A Textbook of Muscle Physiology for Sport, Exercise, Physiotherapy and Medicine (Churchill Livingstone 2004)

Kadi F, 'Cellular and Molecular Mechanisms Responsible for the Action of Testosterone on Human Skeletal Muscle. A Basis for Illegal Performance Enhancement' (2008) 154 British Journal of Pharmacology 522

Kim HK and others, 'Quantitative Skeletal Muscle MRI: Part 2, MR Spectroscopy and T2 Relaxation Time Mapping—Comparison Between Boys With Duchenne Muscular Dystrophy and Healthy Boys' (2015) 205 American Journal of Roentgenology W216

Kinali M and others, 'Local Restoration of Dystrophin Expression with the Morpholino Oligomer AVI-4658 in Duchenne Muscular Dystrophy: A Single-Blind, Placebo-Controlled,

Dose-Escalation, Proof-of-Concept Study' (2009) 8 The Lancet Neurology 918

Machado P, Brady S and Hanna MG, 'Update in Inclusion Body Myositis' (2013) 25 Current Opinion in Rheumatology 763

Machado PM and others, 'Ongoing Developments in Sporadic Inclusion Body Myositis' (2014) 16 Current Rheumatology Reports

Machado PM, Dimachkie MM and Barohn RJ, 'Sporadic Inclusion Body Myositis' (2014) 27 Current Opinion in Neurology 591

Marcotte GR, West DWD and Baar K, 'The Molecular Basis for Load-Induced Skeletal Muscle Hypertrophy' (2015) 96 Calcified Tissue International 196

Matthews E and Hanna MG, 'Skeletal Muscle Channelopathies' in David Hilton-Jones and Martin R Turner (eds), Oxford Textbook of Neuromuscular Disorders (Oxford University Press 2014)

Mendell JR and others, 'Eteplirsen for the Treatment of Duchenne Muscular Dystrophy' (2013) 74 Annals of Neurology 637

——, 'Longitudinal Effect of Eteplirsen versus Historical Control on Ambulation in Duchenne Muscular Dystrophy' (2016) 79 Annals of Neurology 257

Mercuri E, Bertini E and Iannaccone ST, 'Childhood Spinal Muscular Atrophy: Controversies and Challenges' (2012) 11 The Lancet Neurology 443

Miguel A Martín, 'Glycogen Storage Disease Type V' [2014] Gene Reviews https://www.ncbi.nlm.nih.gov/books/NBK1344/

Muntoni F, Torelli S and Ferlini A, 'Dystrophin and Mutations: One Gene, Several Proteins, Multiple Phenotypes' (2003) 2 The Lancet Neurology 731

Nancy D Leslie, 'Very Long-Chain Acyl-Coenzyme A Dehydrogenase Deficiency' [2018] Gene Reviews https://www.ncbi.nlm.nih.gov/books/NBK6816/

Nancy Leslie, 'Pompe Disease' [2017] Gene Reviews https://www.ncbi.nlm.nih.gov/books/NBK1261/

Needham M and Mastaglia FL, 'Sporadic Inclusion Body Myositis: A Review of Recent Clinical Advances and Current Approaches to Diagnosis and Treatment' (2016) 127 Clinical Neurophysiology 1764

'Neuromuscular Disease Center' https://neuromuscular.wustl.edu/

'Neuropathology and Applied Neurobiology' Volume 43, Issue 1 https://onlinelibrary.wiley.com/toc/13652990/2017/43/1>

O'Brien TD and others, 'In Vivo Measurements of Muscle Specific Tension in Adults and

Children' (2010) 95 Experimental Physiology 202

Olivé M, Kley RA and Goldfarb LG, 'Myofibrillar Myopathies' (2013) 26 Current Opinion in Neurology 527

Olpin SE and others, 'The Investigation and Management of Metabolic Myopathies' (2015) 68 Journal of Clinical Pathology 410

Ørngreen MC and Vissing J, 'Treatment Opportunities in Patients With Metabolic Myopathies' (2017) 19 Current Treatment Options in Neurology

Paganoni S and Amato A, 'Electrodiagnostic Evaluation of Myopathies' (2013) 24 Physical Medicine and Rehabilitation Clinics of North America 193

'Prescription Information Leaflets: A Pilot Study in General Practice.' (1983) 287 British Medical Journal (Clinical research ed.)

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1549423/

Puthucheary ZA and others, 'Acute Skeletal Muscle Wasting in Critical Illness' (2013) 310 JAMA

Rennie MJ and others, 'Control of the Size of the Human Muscle Mass' (2004) 66 Annual Review of Physiology 799

——, 'Control of the Size of the Human Muscle Mass' (2004) 66 Annual Review of Physiology 799

Ricotti V and others, 'Long-Term Benefits and Adverse Effects of Intermittent versus Daily Glucocorticoids in Boys with Duchenne Muscular Dystrophy' (2013) 84 Journal of Neurology, Neurosurgery & Psychiatry 698

Ross J and others, 'Defects in Glycosylation Impair Satellite Stem Cell Function and Niche Composition in the Muscles of the Dystrophic Large Mouse' (2012) 30 STEM CELLS 2330

Rudnik-Schöneborn S and others, 'The Predictive Value of Achieved Motor Milestones Assessed in 441 Patients with Infantile Spinal Muscular Atrophy Types II and III' (2001) 45 European Neurology 174

Russman BS and others, 'Function Changes in Spinal Muscular Atrophy II and III' (1996) 47 Neurology 973

Saudubray JM, Baumgartner MR and Walter J (eds), Inborn Metabolic Diseases: Diagnosis and Treatment (6th edition, Springer 2016)

Schröder R and Schoser B, 'Myofibrillar Myopathies: A Clinical and Myopathological Guide' (2009) 19 Brain Pathology 483

Shavlakadze T and Grounds M, 'Of Bears, Frogs, Meat, Mice and Men: Complexity of Factors Affecting Skeletal Muscle Mass and Fat' (2006) 28 BioEssays 994

Sveen M-L and others, 'Resistance Training in Patients with Limb-Girdle and Becker Muscular Dystrophies' (2013) 47 Muscle & Nerve 163

Thomas Wieser, 'Carnitine Palmitoyltransferase II Deficiency' [2017] Gene Reviews https://www.ncbi.nlm.nih.gov/books/NBK1253/

Velloso CP, 'Regulation of Muscle Mass by Growth Hormone and IGF-I' (2008) 154 British Journal of Pharmacology 557

Voet NB and others, 'Strength Training and Aerobic Exercise Training for Muscle Disease' [2013] Cochrane Database of Systematic Reviews

Wang CH and others, 'Consensus Statement for Standard of Care in Spinal Muscular Atrophy' (2007) 22 Journal of Child Neurology 1027

Wattjes MP and Fischer D, Neuromuscular Imaging (Springer 2013) "http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760>"http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760>"http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760>"http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760>"http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3320980190004761&institutionId=4761&customerId=4760>"http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolves&package_service&pac

Wiggs MP, 'Can Endurance Exercise Preconditioning Prevention Disuse Muscle Atrophy?' (2015) 6 Frontiers in Physiology

Willcocks RJ and others, 'Multicenter Prospective Longitudinal Study of Magnetic Resonance Biomarkers in a Large Duchenne Muscular Dystrophy Cohort' (2016) 79 Annals of Neurology 535

Zammit PS and others, 'Muscle Satellite Cells Adopt Divergent Fates' (2004) 166 The Journal of Cell Biology 347