Curriculum Vitae

Luca Bello, MD, PhD

Work address:
Dipartimento di Neuroscienze DNS,
Università degli Studi di Padova,
e Clinica Neurologica,
Azienda Ospedale - Università Padova
via Giustiniani 5, 35128 Padova, Italy
e-mail: luca.bello@unipd.it
Work phone: +39 049 821 4415

Luca Bello trained as a neurologist and neuromuscular clinician with Corrado Angelini and Elena Pegoraro at the University of Padova (UniPD). After completing residency (2012), he obtained a PhD in Neurosciences studying modifiers of dystrophinopathies with Elena Pegoraro and Eric P. Hoffman, spending 2 years at Children's National Research Institute in Washington, DC (2013-2014). As a faculty member at UniPD, he is continuing studies of natural history, treatment response, genetic modifiers, and genotype-phenotype correlations in dystrophinopathies, as well as in other neuromuscular disorders. He has collaborated extensively with several international consortia in these fields, such as the Cooperative International Neuromuscular Group (CINRG), the Italian DMD Network and Italian Association of Myology (AIM), the neuromuscular European Reference Network (ERN), the European NeuroMuscular Center (ENMC), TREAT-NMD, and the Jain Foundation. He teaches Neurology and Neurorehabilitation in several UniPD courses and is an Attending Neurologist at the Neurology Clinic of the University Hospital in Padova.

Professional positions

- **May 2022 - present:** Associate Professor of Neurology, Department of Neurosciences, University of Padova, and Attending Neurologist, "Azienda Ospedale-Università Padova"
- **May 2019 - May 2022:** Assistant Professor (RTDb) of Neurology, Department of Neurosciences, University of Padova, and Attending Neurologist, "Azienda Ospedale-Università Padova"
- **February 2016 - January 2019:** Postdoctoral Fellow (Assegnista di Ricerca), Department of Neurosciences, University of Padova
- **July 2016 - March 2019:** Part-time Neurologist, IRCCS "San Camillo", Venice.
- **February 2013 - October 2014:** Postdoctoral Research Fellow, the Research Center for Genetic Medicine, Children's National Medical Center, Washington, DC (USA), in the laboratory of Eric P. Hoffman.
- **October 2012 - January 2013:** Part-time Neurologist, Neurology Clinic, "S. Antonio" Hospital, Padova.
- **August 2007 - July 2012:** Residency in Neurology, Neurology Clinic, University of Padova.
- **2007 - present:** Padova Board of Physicians, registration #10052

Education

- **2013 - 2016:** PhD in Neuroscience, University of Padova. PhD thesis: "Molecular bases of clinical and phenotype variability in Duchenne and Becker muscular dystrophy" supervisors Prof. Elena Pegoraro, University of Padova, and Dr. Eric P. Hoffman, Children's National Medical Center, Washington, DC, USA.
- **2007 - 2012:** Residency in Neurology, Neurology Clinic, University of Padova.

- **2000 - 2006:** Degree in Medicine and Surgery, University of Padova (110/110 cum laude).
- **1992 - 2001:** Degree in Violin (9.50/10), Conservatory "Cesare Pollini", Padova.
- **1994 - 2000:** High school degree (100/100 cum laude) at Liceo Ginnasio "Tito Livio", Padova.

Publications and bibliometric indexes (full list attached)

- **111 original scientific papers on international peer-reviewed journals**, 13 as first author and 3 as last author;
- **10 review papers** and **2 book chapters**.
- **4122 citations**, **h-index 37** (source: Scopus ID 26649732700).

Prizes, acknowledgements, fellowships, scientific societies, editorial activity

- **2019:** indicated as a "rising star" in an international survey of Duchenne muscular dystrophy experts regarding key opinion leaders in the field, by Monocl.
- **2019-present:** Member of the European Association of Neurology Scientific Panel on muscle and neuromuscular junction disorders.
- **2018-2024:** Member of the elected Directive Council of the Italian Association of Myology, with functions of Treasurer.
- **2017:** "National Scientific Abilitation" certifying eligibility for the role of Associate Professor in Neurology (06/D6), recognized by the Italian Ministry of Research and University on March 28th, 2017.
- **2015, 2016, 2019:** Fellowships granted by the World Muscle Society for participation in the annual Meetings.
- **2016:** "Best publication" prize of the Italian Society of Neurology (SIN) for the paper "DMD genotypes and loss of ambulation in the CINRG Duchenne Natural History Study" (Bello et al., Neurology 2016).
- **2015:** "Best publication" prize of the Italian Society of Neurology (SIN) for the paper "Genetic modifiers of ambulation in the CINRG Duchenne Natural History Study" (Bello et al., Ann Neurol 2015).
- **2015:** "Best poster" prize of the Italian Association of Myology (AIM) for the paper "Genetic modifiers of ambulation in the CINRG Duchenne Natural History Study" (Bello et al., Ann Neurol 2015).
- **2014:** Selected as a Young Researcher participant for the 2014 Lindau Nobel Laureate Meetings for Physiology and Medicine, Lindau, Germany.
- **2010:** Fellowship granted by the Research Group on Neuromuscular Diseases-World Federation of Neurology for participation in the XII International Congress on Neuromuscular Diseases, Naples, Italy.
- **2000:** Ranked first out of 700+ competitive applicants to the University of Padova Medical School.
- Member of the Italian Society of Neurology, Italian Association of Myology, World Muscle society, and American Academy of Neurology.
- Peer review activity for Annals of Neurology, Neurology, Neuromuscular Disorders, Annals of Clinical and Translational Neurology, Chest, Acta Myologica, Journal of Neuromuscular Diseases, Scientific Reports, Muscle & Nerve, International Journal of Pediatrics, BioMed Research International, Neurological Sciences, Genes, Genomic Medicine, International Journal of Medical Sciences, and BMC Pediatrics.

Specialization courses (attended as learner)

- **2015:** "Course Statistical Methods", University of Padova.
- **2015:** "Complex Trait Analysis of Next Generation Sequence Data Course" at Max Delbrück Center for Molecular Medicine, Berlin, Germany.
- **2014:** Competitive selection for participation in the "Advanced Genome Mapping Course" sponsored by NIH at Rockefeller University, New York City, NY (USA).
- **2013:** "Proteomics" course at George Washington University, Integrated System Biology Program, Washington, DC, USA.

Teaching and mentoring
https://didattica.unipd.it/off/docente/D416558455E6CE88082D0B14B9958A2E

- **2020-present:** Neurology course for Degree in Orthoptics, (20-hour course) at UniPD DNS ("Scienze Mediche" MEO2043848).
- **2019-present:** Neurology course for Degree in Auditory Prostheses technicians (Treviso), 20-hour course at UniPD DNS ("Pediatria e Neurologia" MEO2044143).
- **2019-present:** Neurorehabilitation classes in the Masters course for rehabilitation (Laurea Magistrale in Scienze Riabilitative delle Professioni Sanitarie), 30-hour course, coordinator teacher of the overall 70-hour course, at UniPD DMM ("Scienze del Recupero" MEO2043403).
- **2019-present:** Member of the Council for the Neurology Residency school
- **2018-present:** Member of the Council for the PhD course in Translational Specialistic Medicine "G.B. Morgagni" at UniPD
- **2019-present:** Medical Statistics course for Residents in Neurology, 20-hour course, at UniPD.
- **2019-present:** Neuromuscular Medicine courses in the Genetics and Sports Medicine Residency schools at UniPD (10 hours each), at UniPD.
- **2020-present:** Responsible for the Quality Certification of teaching activities in the Neurology Residency school at UniPD.
- **2021-present**: coordinator of UniPD Medical Student rotations at the Neurology Clinic.
- Mentored and co-mentored 10 medical students, 5 Neurology residents, and 1 PhD candidate for their theses.

Participation in clinical trials and observational studies

- **2024 – ongoing:** Efficacy, Safety and Tolerability of Givinostat in Non-ambulant Patients With Duchenne Muscular Dystrophy (ULYSSES, NCT05933057, Co-principal investigator).
- **2024 – ongoing:** Phase 2 Study of EDG-5506 in Becker Muscular Dystrophy (GRAND CANYON, NCT05291091, principal investigator).
- **2023 - ongoing:** A Study to Assess Vamorolone in Becker Muscular Dystrophy (NCT05166109, co-investigator)
- **2022 - 2023:** A Study of the Natural History of Participants With LGMD2E/R4, LGMD2D/R3, and LGMD2C/R5, ≥ 4 Years of Age, Who Are Managed in Routine Clinical Practice (NCT04475926, co-investigator).
- **2019 - 2020:** Study to Evaluate Amifampridine Phosphate in Patients With MuSK-MG (NCT03304054, co-investigator).
- **2017 - 2020:** A Phase III Double-blind Study With Idebenone in Patients With Duchenne Muscular Dystrophy (DMD) Taking Glucocorticoid Steroids (SIDEROS, NCT02814019, co-investigator).
- **2017 - ongoing:** Registry of Translarna (Ataluren) in Nonsense Mutation Duchenne Muscular Dystrophy (NCT02369731, co-investigator).

- **2013 - ongoing:** "Jain Foundation Clinical Outcome Study for Dyspherlinopathy" (NCT01676077, co-principal investigator).
- **2014 - 2020:** "Phase 3 trial for Finding the Optimum corticosteroid Regimen for Duchenne Muscular Dystrophy" (FOR-DMD, NCT01603407, co-investigator).
- **2014 - 2016:** "Phase 2-3 study of BYM338 in Sporadic Inclusion Body Myositis" (NCT02250443, co-investigator).
- **2014 - 2016:** "H6D-MC-LVJJ trial of Tadalafil for Duchenne muscular dystrophy" (NCT01865084, co-investigator).

Organization of national and international conferences and workshops

- **2024:** Organizer of the International Workshop "Optimize DMD" (Rome, November 2024)
- **2019-2024:** Faculty at the yearly National Congresses of the Italian Association of Myology
- **2022:** Organizer of the European Neuromuscular Center (ENMC) international Workshop: "Standards of care for the dysferlinopathies"

Invited speaker at national and international conferences and workshops

- **2019-2024: I**nvited speaker at National Congresses of the Italian Association of Myology
- **2021 and 2024:** Invited speaker at World Muscle Society Conference (Industry Workshops)
- **2023:** Invited speaker at International Congress on Neuromuscular Diseases, digital edition

Research Funding

2022-2025: Telethon-UILDM Project GUP21003: "Characterizing Phenothypes in non ambulant Duchenne Muscular Dystrophy". PI of Collaborating Center (Coordinator: Università Cattolica Sacro Cuore, Roma), €15,000.
2023-2026: Telethon-UILDM Project GUP23005: "Bone health in adult patients with Duchenne Muscular Dystrophy (DMD). A survey on osteoporosis, fragility fractures and bone-targeted therapies. PI of Collaborating Center (Coordinator: Istituto "Gaslini", Genova), €25,000.
2025-2028: Telethon-UILDM Project GUP24005: "Respiratory progression in adult Duchenne muscular dystrophy. Natural history, identification of new biomarkers and design of a predictive algorithm". PI of Collaborating Center (Coordinator: Istituto "Gaslini", Genova), €46,750.
2025-2027: Telethon-UILDM Project GUP24011: "". Co-PI of Collaborating Center (Coordinator: IRCCS "Medea", Bosisio Parini), €17,000.
2025: Telethon Special Project: "Natural history in ambulant and non ambulant boys and young adults with Duchenne muscular dystrophy". PI of Collaborating Center (Coordinator: Università Cattolica Sacro Cuore, Roma) GSP24002, €25,000

Languages

- First language: Italian.
- Excellent spoken and written English: Certificate of Proficiency in English, Cambridge, 1997, "A" degree; TOEFL iBT score 112/120, 98th %ile, 2007.

Padova, 6/DEC/2024 Prof. Luca Bello

Attachment: full list of publications

Original peer reviewed scientific papers (starting from most recent)

1. Gorgoglione D, Sabbatini D, Riguzzi P, Capece G, Pane M, Servidei S, Briganti M, Sancricca C, Bruschi F, Ardissone A, Masson R, Gallone A, Maggi L, Picillo E, Politano L, Petrosino A, Vianello S, Penzo M, Villa M, Sframeli M, Allegra C, Barp A, Di Bari A, Salmin F, Albamonte E, Colacicco G, Panicucci C, Traverso M, Palermo C, Lerario A, Velardo D, D'Angelo MG, Berardinelli A, Gardani A, Nicotra R, Parravicini S, Siciliano G, Ricci G, Torri F, Gadaleta G, Urbano G, Rolle E, Ricci F, D'Amico A, Catteruccia M, Pini A, Giannotta M, Battini R, Marinella G, Previtali SC, Zambon AA, Ferlini A, Fortunato F, Magri F, Mongini TE, Sansone VA, Bruno C, Messina S, Nigro V, Moroni I, Mercuri E, **Bello L**, Pegoraro E. Natural history of Becker muscular dystrophy: DMD gene mutations predict clinical severity. Brain. 2024 Nov 5:awae358. doi: 10.1093/brain/awae358. Epub ahead of print. PMID: 39499670.
2. Salvalaggio A, Cacciavillani M, Tierro B, Coraci D, Currò R, Ferrarini M, Pegoraro E, **Bello L**, Fabrizi GM, Filla A, Padua L, Manganelli F, Cortese A, Briani C. Nerve ultrasound in CANVAS-spectrum disease: Reduced nerve size distinguishes genetically confirmed CANVAS from other axonal polyneuropathies. J Peripher Nerv Syst. 2024 Sep 2. doi: 10.1111/jns.12655. Epub ahead of print. PMID: 39219417.Borland H, Moore U, Dressman HG, Human A, Mayhew AG, Hilsden H, Rufibach LE, Duong T, Maron E, DeWolf B, Rose K, Siener C, Thiele S, Práxedes NS, Canal A, Holsten S, Sakamoto C, Pedrosa-Hernández I, Bello L, Alfano LN, Lowes LP The Jain COS Consortium, James MK, Straub V. Performance of upper limb entry item to predict forced vital capacity in dysferlin-deficient limb girdle muscular dystrophy. Neuromuscul Disord. 2024 Oct;43:20-28. doi: 10.1016/j.nmd.2024.08.003. Epub 2024 Aug 14. PMID: 39178649.
3. Govoni A, Ricci G, Bonanno S, **Bello L**, Magri F, Meneri M, Torri F, Caponnetto C, Passamano L, Grandis M, Trojsi F, Cerri F, Gadaleta G, Capece G, Caumo L, Tanel R, Saccani E, Vacchiano V, Sorarù G, D'Errico E, Tramacere I, Bortolani S, Rolle E, Gellera C, Zanin R, Silvestrini M, Politano L, Schenone A, Previtali SC, Berardinelli A, Turri M, Verriello L, Coccia M, Mantegazza R, Liguori R, Filosto M, Maioli MA, Simone IL, Mongini T, Corti S, Manca ML, Pegoraro E, Siciliano G, Comi GP, Maggi L. Six-minute walk test as outcome measure of fatigability in adults with spinal muscular atrophy treated with nusinersen. Muscle Nerve. 2024 Oct;70(4):816-823. doi: 10.1002/mus.28225. Epub 2024 Aug 2. PMID: 39096012.
4. Spagnoli C, Adorisio R, **Bello L**, D'Amico A, D'Angelo MG, Pane M, Penzo M, Riguzzi P, Sansone V, Vianello A, Fusco C. Continuitiy of care with ataluren in Duchenne Muscular Dystrophy patients with nonsense mutations after loss of ambulation. Personal experience. Acta Myol. 2023 Dec 31;42(4):118-122. doi: 10.36185/2532-1900-396. PMID: 38406379; PMCID: PMC10883323.
5. **Bello L**, Sabbatini D, Fusto A, Gorgoglione D, Borin GU, Penzo M, Riguzzi P, Villa M, Vianello S, Calore C, Melacini P, Vio R, Barp A, D'Angelo G, Gandossini S, Politano L, Berardinelli A, Messina S, Vita GL, Pedemonte M, Bruno C, Albamonte E, Sansone V, Baranello G, Masson R, Astrea G, D'Amico A, Bertini E, Pane M, Lucibello S, Mercuri E, Spurney C, Clemens P, Morgenroth L, Gordish-Dressman H, McDonald CM, Hoffman EP; CINRG-DNHS Investigators; Pegoraro E. The IAAM LTBP4 Haplotype is Protective Against Dystrophin-Deficient Cardiomyopathy. J Neuromuscul Dis. 2024;11(2):285-297. doi: 10.3233/JND-230129. PMID: 38363615.
6. Coratti G, Pane M, Brogna C, D'Amico A, Pegoraro E, **Bello L**, Sansone VA, Albamonte E, Ferraroli E, Mazzone ES, Fanelli L, Messina S, Sframeli M, Catteruccia M, Cicala G, Capasso A, Ricci M, Frosini S, De Luca G, Rolle E, De Sanctis R, Forcina N, Norcia G, Passamano L, Scutifero M, Gardani A, Pini A, Monaco G, D'Angelo MG, Leone D, Zanin R, Vita GL, Panicucci C, Bruno C, Mongini T, Ricci F, Berardinelli A, Battini R, Masson R, Baranello G, Dosi C, Bertini E, Nigro V, Politano L, Mercuri E. Gain and loss of upper limb abilities in Duchenne muscular dystrophy patients: A 24-month study. Neuromuscul Disord. 2024 Jan;34:75-82. doi: 10.1016/j.nmd.2023.11.011. Epub 2023 Dec 3. PMID: 38157655.
7. Musso G, Blasi L, Mion MM, Fortuna A, Sabbatini D, Zaninotto M, **Bello L**, Pegoraro E, Basso D, Plebani M, Sorarù G. Troponin T in spinal and bulbar muscular atrophy (SBMA). J Neurol Sci. 2024 Jan 15;456:122816. doi: 10.1016/j.jns.2023.122816. Epub 2023 Dec 1. PMID: 38071852.
8. Vicino A, **Bello L**, Bonanno S, Govoni A, Cerri F, Ferraro M, Capece G, Gadaleta G, Meneri M, Vacchiano V, Ricci G, D'Errico E, Tramacere I, Banfi P, Bortolani S, Zanin R, Maioli MA, Silvestrini M, Previtali SC, Berardinelli A, Turri M, Coccia M, Mantegazza R, Liguori R, Filosto M, Siciliano G, Simone IL, Mongini T, Comi G, Pegoraro E, Maggi L. Respiratory function in a large cohort of treatment-naïve adult spinal

muscular atrophy patients: a cross-sectional study. Neuromuscul Disord. 2023 Dec;33(12):911-916. doi: 10.1016/j.nmd.2023.10.002. Epub 2023 Oct 12. PMID: 37945485.

9. Brogna C, Pane M, Coratti G, D'Amico A, Pegoraro E, **Bello L**, Sansone VAM, Albamonte E, Messina S, Pini A, D'Angelo MG, Bruno C, Mongini T, Ricci FS, Berardinelli A, Battini R, Masson R, Bertini ES, Politano L, Mercuri E, Italian Dmd Group. Upper Limb Changes in DMD Patients Amenable to Skipping Exons 44, 45, 51 and 53: A 24-Month Study. Children (Basel). 2023 Apr 19;10(4):746. doi: 10.3390/children10040746. PMID: 37189996; PMCID: PMC10136754.
10. Lupi A, Spolaor S, Favero A, **Bello L**, Stramare R, Pegoraro E, Nobile MS. Muscle magnetic resonance characterization of STIM1 tubular aggregate myopathy using unsupervised learning. PLoS One. 2023 May 8;18(5):e0285422. doi: 10.1371/journal.pone.0285422. PMID: 37155641; PMCID: PMC10166478.
11. Pane M, Coratti G, Brogna C, Bovis F, D'Amico A, Pegoraro E, **Bello L**, Sansone V, Albamonte E, Ferraroli E, Mazzone ES, Fanelli L, Messina S, Catteruccia M, Cicala G, Ricci M, Frosini S, De Luca G, Rolle E, De Sanctis R, Forcina N, Norcia G, Passamano L, Gardani A, Pini A, Monaco G, D'Angelo MG, Capasso A, Leone D, Zanin R, Vita GL, Panicucci C, Bruno C, Mongini T, Ricci F, Berardinelli A, Battini R, Masson R, Baranello G, Dosi C, Bertini E, Politano L, Mercuri E. Longitudinal Analysis of PUL 2.0 Domains in Ambulant and Non-Ambulant Duchenne Muscular Dystrophy Patients: How do they Change in Relation to Functional Ability? J Neuromuscul Dis. 2023 Apr 12. doi: 10.3233/JND-221556. Epub ahead of print. PMID: 37066919.
12. Canessa EH, Spathis R, Novak JS, Beedle A, Nagaraju K, **Bello L**, Pegoraro E, Hoffman EP, Hathout Y. Characterization of the dystrophin-associated protein complex by mass spectrometry. Mass Spectrom Rev. 2022 Nov 24:e21823. doi: 10.1002/mas.21823. Epub ahead of print. PMID: 36420714.
13. Fortuna A, Sabbatini D, Frigo A, **Bello L**, Calvi F, Blasi L, Gianferrari G, Martinelli I, Minicuci G, Pegoraro E, Mandrioli J, Sorarù G. Italian version of the Rasch-Built Overall Amyotrophic Lateral Sclerosis Disability Scale (ROADS): validation and longitudinal performance. J Neurol. 2022 Nov 16. doi: 10.1007/s00415-022-11483-3. Epub ahead of print. PMID: 36383259.
14. Maggi L*, **Bello L***, Bonanno S, Govoni A, Caponnetto C, Passamano L, Grandis M, Trojsi F, Cerri F, Gardani A, Ferraro M, Gadaleta G, Zangaro V, Caumo L, Maioli M, Tanel R, Saccani E, Meneri M, Vacchiano V, Ricci G, Sorarù G, D'Errico E, Bortolani S, Pavesi G, Gellera C, Zanin R, Corti S, Silvestrini M, Politano L, Schenone A, Previtali SC, Berardinelli A, Turri M, Verriello L, Coccia M, Mantegazza R, Liguori R, Filosto M, Marrosu G, Tiziano FD, Siciliano G, Simone IL, Mongini T, Comi G, Pegoraro E. Adults with spinal muscular atrophy: a large-scale natural history study shows gender effect on disease. J Neurol Neurosurg Psychiatry. 2022 Oct 11:jnnp-2022-329320. doi: 10.1136/jnnp-2022-329320. Epub ahead of print. PMID: 36220341.
15. Kelley EF, Cross TJ, McDonald CM, Investigators C, Hoffman EP, Spurney CF, **Bello L**. Influence of β_1 Adrenergic Receptor Genotype on Longitudinal Measures of Left Ventricular Ejection Fraction and Responsiveness to ß-Blocker Therapy in Patients With Duchenne Muscular Dystrophy. Clin Med Insights Cardiol. 2022 Aug 23;16:11795468221116838. doi: 10.1177/11795468221116838. PMID: 36046180; PMCID: PMC9421016.
16. Gregorio I, Mereu M, Contarini G, **Bello L**, Semplicini C, Burgio F, Russo L, Sut S, Dall'Acqua S, Braghetta P, Semenza C, Pegoraro E, Papaleo F, Bonaldo P, Cescon M. Collagen VI deficiency causes behavioral abnormalities and cortical dopaminergic dysfunction. Dis Model Mech. 2022 Sep 1;15(9):dmm049481. doi: 10.1242/dmm.049481. Epub 2022 Sep 21. PMID: 35946603; PMCID: PMC9548377.
17. Abbonante V, Malara A, Chrisam M, Metti S, Soprano P, Semplicini C, **Bello L**, Bozzi V, Battiston M, Pecci A, Pegoraro E, De Marco L, Braghetta P, Bonaldo P, Balduini A. Lack of COL6/collagen VI causes megakaryocyte dysfunction by impairing autophagy and inducing apoptosis. Autophagy. 2022 Jul 20:1-16. doi: 10.1080/15548627.2022.2100105. Epub ahead of print. PMID: 35857791.
18. Coratti G, Lenkowicz J, Norcia G, Lucibello S, Ferraroli E, d'Amico A, **Bello L**, Pegoraro E, Messina S, Ricci F, Mongini T, Berardinelli A, Masson R, Previtali SC, D'angelo G, Magri F, Comi GP, Politano L, Passamano L, Vita G, Sansone VA, Albamonte E, Panicucci C, Bruno C, Pini A, Bertini E, Patarnello S, Pane M, Mercuri E; italian DMD study group. Age, corticosteroid treatment and site of mutations affect motor functional changes in young boys with Duchenne Muscular Dystrophy. PLoS One. 2022 Jul 29;17(7):e0271681. doi: 10.1371/journal.pone.0271681. PMID: 35905042; PMCID: PMC9337636.q
19. Schiava M, Ikenaga C, Villar-Quiles RN, Caballero-Ávila M, Topf A, Nishino I, Kimonis V, Udd B, Schoser B, Zanoteli E, Souza PVS, Tasca G, Lloyd T, Lopez-de Munain A, Paradas C, Pegoraro E, Nadaj-Pakleza A, De Bleecker J, Badrising U, Alonso-Jiménez A, Kostera-Pruszczyk A, Miralles F, Shin JH, Bevilacqua JA, Olivé M, Vorgerd M, Kley R, Brady S, Williams T, Domínguez-González C, Papadimas GK, Warman-Chardon J, Claeys KG, de Visser M, Muelas N, LaForet P, Malfatti E, Alfano LN, Nair SS, Manousakis G, Kushlaf HA, Harms MB,

Nance C, Ramos-Fransi A, Rodolico C, Hewamadduma C, Cetin H, García-García J, Pál E, Farrugia ME, Lamont PJ, Quinn C, Nedkova-Hristova V, Peric S, Luo S, Oldfors A, Taylor K, Ralston S, Stojkovic T, Weihl C, Diaz-Manera J; VCP International Study Group; VCP International Study Group. Genotype-phenotype correlations in valosin-containing protein disease: a retrospective muticentre study. J Neurol Neurosurg Psychiatry. 2022 Jul 27:jnnp-2022-328921. doi: 10.1136/jnnp-2022-328921. Epub ahead of print. PMID: 35896379.

20. Sabbatini D, Fusto A, Vianello S, Villa M, Janik J, D'Angelo G, Diella E, Magri F, Comi GP, Panicucci C, Bruno C, D'Amico A, Bertini E, Astrea G, Battini R, Politano L, Masson R, Baranello G, Previtali SC, Messina S, Vita G, Berardinelli A, Mongini T, Pini A, Pane M, Mercuri E, Hoffman EP, Morgenroth L, Gordish-Dressman H, Duong T, McDonald CM, **Bello L**, Pegoraro E. Genetic modifiers of upper limb function in Duchenne muscular dystrophy. J Neurol. 2022 May 5. doi: 10.1007/s00415-022-11133-8. Epub ahead of print. PMID: 35513612.
21. Kim HJ, Mohassel P, Donkervoort S, Guo L, O'Donovan K, Coughlin M, Lornage X, Foulds N, Hammans SR, Foley AR, Fare CM, Ford AF, Ogasawara M, Sato A, Iida A, Munot P, Ambegaonkar G, Phadke R, O'Donovan DG, Buchert R, Grimmel M, Töpf A, Zaharieva IT, Brady L, Hu Y, Lloyd TE, Klein A, Steinlin M, Kuster A, Mercier S, Marcorelles P, Péréon Y, Fleurence E, Manzur A, Ennis S, Upstill-Goddard R, **Bello L**, Bertolin C, Pegoraro E, Salviati L, French CE, Shatillo A, Raymond FL, Haack TB, Quijano-Roy S, Böhm J, Nelson I, Stojkovic T, Evangelista T, Straub V, Romero NB, Laporte J, Muntoni F, Nishino I, Tarnopolsky MA, Shorter J, Bönnemann CG, Taylor JP. Heterozygous frameshift variants in HNRNPA2B1 cause early-onset oculopharyngeal muscular dystrophy. Nat Commun. 2022 Apr 28;13(1):2306. doi: 10.1038/s41467-022-30015-1. PMID: 35484142; PMCID: PMC9050844.
22. Fusto A, Cassandrini D, Fiorillo C, Codemo V, Astrea G, D'Amico A, Maggi L, Magri F, Pane M, Tasca G, Sabbatini D, **Bello L**, Battini R, Bernasconi P, Fattori F, Bertini ES, Comi G, Messina S, Mongini T, Moroni I, Panicucci C, Berardinelli A, Donati A, Nigro V, Pini A, Giannotta M, Dosi C, Ricci E, Mercuri E, Minervini G, Tosatto S, Santorelli F, Bruno C, Pegoraro E. Expanding the clinical-pathological and genetic spectrum of RYR1-related congenital myopathies with cores and minicores: an Italian population study. Acta Neuropathol Commun. 2022 Apr 15;10(1):54. doi: 10.1186/s40478-022-01357-0. PMID: 35428369.
23. Guglieri M, Bushby K, McDermott MP, Hart KA, Tawil R, Martens WB, Herr BE, McColl E, Speed C, Wilkinson J, Kirschner J, King WM, Eagle M, Brown MW, Willis T, Griggs RC; FOR-DMD Investigators of the Muscle Study Group, Straub V, van Ruiten H, Childs AM, Ciafaloni E, Shieh PB, Spinty S, Maggi L, Baranello G, Butterfield RJ, Horrocks IA, Roper H, Alhaswani Z, Flanigan KM, Kuntz NL, Manzur A, Darras BT, Kang PB, Morrison L, Krzesniak-Swinarska M, Mah JK, Mongini TE, Ricci F, von der Hagen M, Finkel RS, O'Reardon K, Wicklund M, Kumar A, McDonald CM, Han JJ, Joyce N, Henricson EK, Schara-Schmidt U, Gangfuss A, Wilichowski E, Barohn RJ, Statland JM, Campbell C, Vita G, Vita GL, Howard JF Jr, Hughes I, McMillan HJ, Pegoraro E, **Bello L**, Burnette WB, Thangarajh M, Chang T. Effect of Different Corticosteroid Dosing Regimens on Clinical Outcomes in Boys With Duchenne Muscular Dystrophy: A Randomized Clinical Trial. JAMA. 2022 Apr 5. doi: 10.1001/jama.2022.4315. Epub ahead of print. PMID: 35381069.
24. Mayhew AG, James MK, Moore U, Sutherland H, Jacobs M, Feng J, Lowes LP, Alfano LN, Muni Lofra R, Rufibach LE, Rose K, Duong T, **Bello L**, Pedrosa-Hernández I, Holsten S, Sakamoto C, Canal A, Sánchez-Aguilera Práxedes N, Thiele S, Siener C, Vandevelde B, DeWolf B, Maron E, Gordish-Dressman H, Hilsden H, Guglieri M, Hogrel JY, Blamire AM, Carlier PG, Spuler S, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Pestronk A, Walter MC, Paradas C, Stojkovic T, Mori-Yoshimura M, Bravver E, Díaz-Manera J, Pegoraro E, Mendell JR, Straub V. Assessing the Relationship of Patient Reported Outcome Measures With Functional Status in Dysferlinopathy: A Rasch Analysis Approach. Front Neurol. 2022 Mar 10;13:828525. doi: 10.3389/fneur.2022.828525. PMID: 35359643; PMCID: PMC8961025.
25. Terrin A, **Bello L**, Valentino ML, Caporali L, Sorarù G, Carelli V, Maggioni F, Zeviani M, Pegoraro E. The relevance of migraine in the clinical spectrum of mitochondrial disorders. Sci Rep. 2022 Mar 10;12(1):4222. doi: 10.1038/s41598-022-08206-z. PMID: 35273322; PMCID: PMC8913605.
26. Kelley EF, Cross TJ, McDonald CM, Hoffman EP, **Bello L**. Influence of β_2 adrenergic receptor genotype on longitudinal measures of forced vital capacity in patients with Duchenne muscular dystrophy. Neuromuscul Disord. 2022 Feb;32(2):150-158. doi: 10.1016/j.nmd.2021.12.006. Epub 2022 Jan 4. PMID: 35115229.
27. Bonanno S, Zanin R, **Bello L**, Tramacere I, Bozzoni V, Caumo L, Ferraro M, Bortolani S, Sorarù G, Silvestrini M, Vacchiano V, Turri M, Tanel R, Liguori R, Coccia M, Mantegazza RE, Mongini T, Pegoraro E, Maggi L. Quality of life assessment in adult spinal muscular atrophy patients treated with nusinersen. J Neurol. 2022 Jan 3. doi: 10.1007/s00415-021-10954-3. Epub ahead of print. PMID: 34978620.

28. Falzarano MS, Grilli A, Zia S, Fang M, Rossi R, Gualandi F, Rimessi P, El Dani R, Fabris M, Lu Z, Li W, Mongini T, Ricci F, Pegoraro E, **Bello L**, Barp A, Sansone VA, Hegde M, Roda B, Reschiglian P, Bicciato S, Selvatici R, Ferlini A. RNA-seq in DMD urinary stem cells recognized muscle-related transcription signatures and addressed the identification of atypical mutations by whole-genome sequencing. HGG Adv. 2021 Aug 24;3(1):100054. doi: 10.1016/j.xhgg.2021.100054. PMID: 35047845; PMCID: PMC8756543.
29. Tobaly D, Laforêt P, Stojkovic T, Behin A, Petit FM, Barp A, **Bello L**, Carlier P, Carlier RY. Whole-body muscle MRI in McArdle disease. Neuromuscul Disord. 2021 Aug 5:S0960-8966(21)00584-8. doi: 10.1016/j.nmd.2021.07.397. Epub ahead of print. PMID: 34711478.
30. Abbonante V, Gruppi C, Battiston M, Zulian A, Di Buduo CA, Chrisam M, Sereni L, Laurent PA, Semplicini C, Lombardi E, Mazzucato M, Moccia F, Petronili V, Villa A, **Bello L**, Pegoraro E, Bernardi P, Braghetta P, De Marco L, Bonaldo P, Balduini A. Ablation of Collagen VI leads to the release of platelets with altered function. Blood Adv. 2021 Sep 21:bloodadvances.2020002671. doi: 10.1182/bloodadvances.2020002671. Epub ahead of print. PMID: 34547769.
31. Alonso-Pérez J, González-Quereda L, Bruno C, Panicucci C, Alavi A, Nafissi S, Nilipour Y, Zanoteli E, de Augusto Isihi LM, Melegh B, Hadzsiev K, Muelas N, Vílchez JJ, Dourado ME, Kadem N, Kutluk G, Umair M, Younus M, Pegorano E, **Bello L**, Crawford TO, Suárez-Calvet X, Töpf A, Guglieri M, Marini-Bettolo C, Gallano P, Straub V, Díaz-Manera J. Clinical and genetic spectrum of a large cohort of patients with δ-sarcoglycan muscular dystrophy. Brain. 2021 Sep 13:awab301. doi: 10.1093/brain/awab301. Epub ahead of print. PMID: 34515763.
32. Sabbatini D, Raggi F, Ruggero S, Seguso M, Mandrioli J, Cagnin A, Briani C, Toffanin E, Gizzi M, Fortuna A, **Bello L**, Pegoraro E, Musso G, Sorarù G. Evaluation of peripherin in biofluids of patients with motor neuron diseases. Ann Clin Transl Neurol. 2021 Aug;8(8):1750-1754. doi: 10.1002/acn3.51419. Epub 2021 Jul 15. PMID: 34264016; PMCID: PMC8351396.
33. Thangarajh M, **Bello L**, Gordish-Dressman H; CINRG-DNHS Investigators. Longitudinal motor function in proximal versus distal DMD pathogenic variants. Muscle Nerve. 2021 Oct;64(4):467-473. doi: 10.1002/mus.27371. Epub 2021 Jul 23. PMID: 34255858.
34. Coratti G, Pane M, Brogna C, Ricotti V, Messina S, D'Amico A, Bruno C, Vita G, Berardinelli A, Mazzone E, Magri F, Ricci F, Mongini T, Battini R, **Bello L**, Pegoraro E, Baranello G, Previtali SC, Politano L, Comi GP, Sansone VA, Donati A, Hogrel JY, Straub V, De Lucia S, Niks E, Servais L, De Groot I, Chesshyre M, Bertini E, Goemans N, Muntoni F, Mercuri E; on behalf on the International DMD Group and the iMDEX Consortium. North Star Ambulatory Assessment changes in ambulant Duchenne boys amenable to skip exons 44, 45, 51, and 53: A 3 year follow up. PLoS One. 2021 Jun 25;16(6):e0253882. doi: 0.1371/journal.pone.0253882. PMID: 34170974; PMCID: PMC8232423.
35. Ticci C, Orsucci D, Ardissone A, **Bello L**, Bertini E, Bonato I, Bruno C, Carelli V, Diodato D, Doccini S, Donati MA, Dosi C, Filosto M, Fiorillo C, La Morgia C, Lamperti C, Marchet S, Martinelli D, Minetti C, Moggio M, Mongini TE, Montano V, Moroni I, Musumeci O, Pancheri E, Pegoraro E, Primiano G, Procopio E, Rubegni A, Scalise R, Sciacco M, Servidei S, Siciliano G, Simoncini C, Tolomeo D, Tonin P, Toscano A, Tubili F, Mancuso M, Battini R, Santorelli FM. Movement Disorders in Children with a Mitochondrial Disease: A Cross-Sectional Survey from the Nationwide Italian Collaborative Network of Mitochondrial Diseases. J Clin Med. 2021 May 12;10(10):2063. doi: 10.3390/jcm10102063. PMID: 34065803; PMCID: PMC8151313.
36. Sadler KJ, Gatta PAD, Naim T, Wallace MA, Lee A, Zaw T, Lindsay A, Chung RS, **Bello L**, Pegoraro E, Lamon S, Lynch GS, Russell AP. Striated muscle activator of Rho signalling (STARS) overexpression in the mdx mouse enhances muscle functional capacity and regulates the actin cytoskeleton and oxidative phosphorylation pathways. Exp Physiol. 2021 Jul;106(7):1597-1611. doi: 10.1113/EP089253. Epub 2021 May 27. PMID: 33963617.
37. Brogna C, Coratti G, Rossi R, Neri M, Messina S, Amico A, Bruno C, Lucibello S, Vita G, Berardinelli A, Magri F, Ricci F, Pedemonte M, Mongini T, Battini R, **Bello L**, Pegoraro E, Baranello G, Politano L, Comi GP, Sansone VA, Albamonte E, Donati A, Bertini E, Goemans N, Previtali S, Bovis F, Pane M, Ferlini A, Mercuri E; on behalf on the International DMD group. The nonsense mutation stop+4 model correlates with motor changes in Duchenne muscular dystrophy. Neuromuscul Disord. 2021 Jun;31(6):479-488. doi: 10.1016/j.nmd.2021.02.015. Epub 2021 Feb 21. PMID: 33773883.
38. Vianello A, Arcaro G, Guarnieri G, Sukthi A, Molena B, Turato C, Braccioni F, Gallan F, Lugato F, Turrin M, **Bello L**, Navalesi P. Non-Invasive Ventilation for Acute Respiratory Failure in Duchenne Muscular Dystrophy Patients. Arch Bronconeumol (Engl Ed). 2021 Feb 3:S0300-2896(21)00037-5. English, Spanish. doi: 10.1016/j.arbres.2021.01.015. Epub ahead of print. PMID: 33676781.

39. Jacobs MB, James MK, Lowes LP, Alfano LN, Eagle M, Muni Lofra R, Moore U, Feng J, Rufibach LE, Rose K, Duong T, **Bello L**, Pedrosa-Hernández I, Holsten S, Sakamoto C, Canal A, Sanchez-Aguilera Práxedes N, Thiele S, Siener C, Vandevelde B, DeWolf B, Maron E, Guglieri M, Hogrel JY, Blamire AM, Carlier PG, Spuler S, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Pestronk A, Walter MC, Paradas C, Stojkovic T, Mori-Yoshimura M, Bravver E, Díaz-Manera J, Pegoraro E, Mendell JR; Jain COS Consortium, Mayhew AG, Straub V. Assessing Dysferlinopathy Patients Over Three Years With a New Motor Scale. Ann Neurol. 2021 May;89(5):967-978. doi: 10.1002/ana.26044. Epub 2021 Feb 26. PMID: 33576057.
40. Maggi L*, **Bello L***, Bonanno S, Govoni A, Caponnetto C, Passamano L, Grandis M, Trojsi F, Cerri F, Ferraro M, Bozzoni V, Caumo L, Piras R, Tanel R, Saccani E, Meneri M, Vacchiano V, Ricci G, Soraru' G, D'Errico E, Tramacere I, Bortolani S, Pavesi G, Zanin R, Silvestrini M, Politano L, Schenone A, Previtali SC, Berardinelli A, Turri M, Verriello L, Coccia M, Mantegazza R, Liguori R, Filosto M, Marrosu G, Siciliano G, Simone IL, Mongini T, Comi G, Pegoraro E. Nusinersen safety and effects on motor function in adult spinal muscular atrophy type 2 and 3. J Neurol Neurosurg Psychiatry. 2020 Nov;91(11):1166-1174. doi: 10.1136/jnnp-2020-323822. Epub 2020 Sep 11. PMID: 32917822.
41. Magri F, Brusa R, **Bello L**, Peverelli L, Del Bo R, Govoni A, Cinnante C, Colombo I, Fortunato F, Tironi R, Corti S, Grimoldi N, Sciacco M, Bresolin N, Pegoraro E, Moggio M, Comi GP. Limb girdle muscular dystrophy due to LAMA2 gene mutations: new mutations expand the clinical spectrum of a still challenging diagnosis. Acta Myol. 2020 Jun 1;39(2):67-82. doi: 10.36185/2532-1900-009. PMID: 32904964; PMCID: PMC7460730.
42. Mauri E, Abati E, Musumeci O, Rodolico C, D'Angelo MG, Mirabella M, Lucchini M, **Bello L**, Pegoraro E, Maggi L, Manneschi L, Gemelli C, Grandis M, Zuppa A, Massucco S, Benedetti L, Caponnetto C, Schenone A, Prelle A, Previtali SC, Scarlato M, D'Amico A, Bertini E, Pennisi EM, De Giglio L, Pane M, Mercuri E, Mongini T, Ricci F, Berardinelli A, Astrea G, Lenzi S, Battini R, Ricci G, Torri F, Siciliano G, Santorelli FM, Ariatti A, Filosto M, Passamano L, Politano L, Scutifero M, Tonin P, Fossati B, Panicucci C, Bruno C, Ravaglia S, Monforte M, Tasca G, Ricci E, Petrucci A, Santoro L, Ruggiero L, Barp A, Albamonte E, Sansone V, Gagliardi D, Costamagna G, Govoni A, Magri F, Brusa R, Velardo D, Meneri M, Sciacco M, Corti S, Bresolin N, Moroni I, Messina S, Di Muzio A, Nigro V, Liguori R, Antonini G, Toscano A, Minetti C, Comi GP; Italian Association of Myology. Estimating the impact of COVID-19 pandemic on services provided by Italian Neuromuscular Centers: an Italian Association of Myology survey of the acute phase. Acta Myol. 2020 Jun 1;39(2):57-66. doi: 10.36185/2532-1900-008. PMID: 32904925; PMCID: PMC7460733.
43. Alonso-Pérez J, González-Quereda L, **Bello L**, Guglieri M, Straub V, Gallano P, Semplicini C, Pegoraro E, Zangaro V, Nascimento A, Ortez C, Comi GP, Dam LT, De Visser M, van der Kooi AJ, Garrido C, Santos M, Schara U, Gangfuß A, Løkken N, Storgaard JH, Vissing J, Schoser B, Dekomien G, Udd B, Palmio J, D'Amico A, Politano L, Nigro V, Bruno C, Panicucci C, Sarkozy A, Abdel-Mannan O, Alonso-Jimenez A, Claeys KG, Gomez-Andrés D, Munell F, Costa-Comellas L, Haberlová J, Rohlenová M, Elke V, De Bleecker JL, Dominguez-González C, Tasca G, Weiss C, Deconinck N, Fernández-Torrón R, López de Munain A, Camacho-Salas A, Melegh B, Hadzsiev K, Leonardis L, Koritnik B, Garibaldi M, de Leon-Hernández JC, Malfatti E, Fraga-Bau A, Richard I, Illa I, Díaz-Manera J. New genotype-phenotype correlations in a large European cohort of patients with sarcoglycanopathy. Brain. 2020 Sep 1;143(9):2696-2708. doi: 10.1093/brain/awaa228. PMID: 32875335.
44. Vio R, Zorzi A, **Bello L**, Bozzoni V, Botta A, Rivezzi F, Leoni L, Migliore F, Bertaglia E, Iliceto S, Pegoraro E, Corrado D, Calore C. Evaluation of mexiletine effect on conduction delay and bradyarrhythmic complications in patients with myotonic dystrophy type 1 over long-term follow-up. Heart Rhythm. 2020 Nov;17(11):1944-1950. doi: 10.1016/j.hrthm.2020.05.043. Epub 2020 Jun 7. PMID: 32525073.
45. **Bello L**, D'Angelo G, Villa M, Fusto A, Vianello S, Merlo B, Sabbatini D, Barp, Gandossini F, Magri F, Comi GP, Pedemonte M, Tacchetti P, Lanzillotta V, Trucco F, D'Amico A, Bertini ES, Astrea G, Politano L, Masson R, Baranello G, Albamonte E, De Mattia E, Rao F, Sansone VA, Previtali S, Messina S, Vita GL, Berardinelli A, Mongini T, Pini A, Pane M, Mercuri E, Vianello A, Bruno C, Hoffman EP, Morgenroth L, Gordish-Dressman H, McDonald CM, CINRG-DNHS Investigators, Pegoraro E. Genetic modifiers of respiratory function in Duchenne muscular dystrophy. Ann Clin Transl Neurol. 2020 Apr 28. doi: 10.1002/acn3.51046. Online ahead of print.
46. Neri M, Rossi R, Trabanelli C, Mauro A, Selvatici R, Falzarano MS, Spedicato N, Margutti A, Rimessi P, Fortunato F, Fabris M, Gualandi F, Comi G, Tedeschi S, Seia M, Fiorillo C, Traverso M, Bruno C, Giardina E, Piemontese MR, Merla G, Cau M, Marica M, Scuderi C, Borgione E, Tessa A, Astrea G, Santorelli FM, Merlini L, Mora M, Bernasconi P, Gibertini S, Sansone V, Mongini T, Berardinelli A, Pini A, Liguori R, Filosto M, Messina S, Vita G, Toscano A, Vita G, Pane M, Servidei S, Pegoraro E, **Bello L**, Travaglini L, Bertini E, D'Amico

A, Ergoli M, Politano L, Torella A, Nigro V, Mercuri E, Ferlini A. The Genetic Landscape of Dystrophin Mutations in Italy: A Nationwide Study. Front Genet. 2020 Mar 3;11:131. doi: 10.3389/fgene.2020.00131. PMID: 32194622; PMCID: PMC7063120.

47. Spitali P, Zaharieva I, Bohringer S, Hiller M, Chaouch A, Roos A, Scotton C, Claustres M, **Bello L**, McDonald CM, Hoffman EP; CINRG Investigators, Koeks Z, Eka Suchiman H, Cirak S, Scoto M, Reza M, 't Hoen PAC, Niks EH, Tuffery-Giraud S, Lochmüller H, Ferlini A, Muntoni F, Aartsma-Rus A. TCTEX1D1 is a genetic modifier of disease progression in Duchenne muscular dystrophy. Eur J Hum Genet. 2020 Jun;28(6):815-825. doi: 10.1038/s41431-019-0563-6. Epub 2020 Jan 2. PMID: 31896777.
48. Cona G, Casagrande A, Lenzoni S, Pegoraro E, Bozzoni V, **Bello L**, Sorarù G, Botta A, Semenza C. The Role of Motor System in Mental Rotation: New Insights from Myotonic Dystrophy Type 1. J Int Neuropsychol Soc. 2019 Dec 11:1-11. doi:10.1017/S1355617719001383. [Epub ahead of print] PubMed PMID: 31822314.
49. Kelley EF, Cross TJ, Snyder EM, McDonald CM; CINRG Investigators, Hoffman EP, **Bello L**. Influence of β(2) adrenergic receptor genotype on risk of nocturnal ventilation in patients with Duchenne muscular dystrophy. Respir Res. 2019 Oct 16;20(1):221. doi: 10.1186/s12931-019-1200-1. PubMed PMID: 31619245; PubMed Central PMCID: PMC6796481.
50. Barp A, Laforet P, **Bello L**, Tasca G, Vissing J, Monforte M, Ricci E, Choumert A, Stojkovic T, Malfatti E, Pegoraro E, Semplicini C, Stramare R, Scheidegger O, Haberlova J, Straub V, Marini-Bettolo C, Løkken N, Diaz-Manera J, Urtizberea JA, Mercuri E, Kynčl M, Walter MC, Carlier RY. European muscle MRI study in limb girdle muscular dystrophy type R1/2A (LGMDR1/LGMD2A). J Neurol. 2019 Sep 25. doi:10.1007/s00415-019-09539-y. [Epub ahead of print] PubMed PMID: 31555977.
51. Fortuna A, Gizzi M, **Bello L**, Martinelli I, Bertolin C, Pegoraro E, Corbetta M, Sorarù G; Edaravone Study Group. Safety and efficacy of edaravone compared to historical controls in patients with amyotrophic lateral sclerosis from North-Eastern Italy. J Neurol Sci. 2019 Jun 6;404:47-51. doi:10.1016/j.jns.2019.06.006. [Epub ahead of print] PubMed PMID: 31325668.
52. Brogna C, Coratti G, Pane M, Ricotti V, Messina S, D'Amico A, Bruno C, Vita G, Berardinelli A, Mazzone E, Magri F, Ricci F, Mongini T, Battini R, **Bello L**, Pegoraro E, Baranello G, Previtali SC, Politano L, Comi GP, Sansone VA, Donati A, Bertini E, Muntoni F, Goemans N, Mercuri E; on behalf on the International DMD group. Long-term natural history data in Duchenne muscular dystrophy ambulant patients with mutations amenable to skip exons 44, 45, 51 and 53. PLoS One. 2019 Jun 25;14(6):e0218683. doi: 10.1371/journal.pone.0218683. eCollection 2019. Erratum in: PLoS One. 2019 Jul 31;14(7):e0220714. PubMed PMID: 31237898; PubMed Central PMCID: PMC6592545.
53. Tobaly D, Laforêt P, Perry A, Habes D, Labrune P, Decostre V, Masingue M, Petit F, Barp A, **Bello L**, Carlier P, Carlier RY. Whole-Body Muscle Magnetic Resonance Imaging in Glycogen-Storage Disease Type III. Muscle Nerve. 2019 Jul;60(1):72-79. doi: 10.1002/mus.26483. Epub 2019 Apr 24. PubMed PMID: 30972778.
54. Musumeci O, Barca E, Lamperti C, Servidei S, Comi GP, Moggio M, Mongini T, Siciliano G, Filosto M, Pegoraro E, Primiano G, Ronchi D, Vercelli L, Orsucci D, **Bello L**, Zeviani M, Mancuso M, Toscano A. Lipomatosis Incidence and Characteristics in an Italian Cohort of Mitochondrial Patients. Front Neurol. 2019 Feb 27;10:160. doi: 10.3389/fneur.2019.00160. eCollection 2019. PubMed PMID: 30873109; PubMed Central PMCID: PMC6402385.
55. Moore U, Jacobs M, James MK, Mayhew AG, Fernandez-Torron R, Feng J, Cnaan A, Eagle M, Bettinson K, Rufibach LE, Lofra RM, Blamire AM, Carlier PG, Mittal P, Lowes LP, Alfano L, Rose K, Duong T, Berry KM, Montiel-Morillo E, Pedrosa-Hernández I, Holsten S, Sanjak M, Ashida A, Sakamoto C, Tateishi T, Yajima H, Canal A, Ollivier G, Decostre V, Mendez JB, Sánchez-Aguilera Praxedes N, Thiele S, Siener C, Shierbecker J, Florence JM, Vandevelde B, DeWolf B, Hutchence M, Gee R, Prügel J, Maron E, Hilsden H, Lochmüller H, Grieben U, Spuler S, Tesi Rocha C, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Harms M, Pestronk A, Krause S, Schreiber-Katz O, Walter MC, Paradas C, Hogrel JY, Stojkovic T, Takeda S, Mori-Yoshimura M, Bravver E, Sparks S, Díaz-Manera J, **Bello L**, Semplicini C, Pegoraro E, Mendell JR, Bushby K, Straub V; Jain COS Consortium. Assessment of disease progression in dysferlinopathy: A 1-year cohort study. Neurology. 2019 Jan 9. pii: 10.1212/WNL.0000000000006858. doi:10.1212/WNL.0000000000006858. [Epub ahead of print] PubMed PMID: 30626655; PubMed Central PMCID: PMC6369904.
56. Semplicini C, Bertolin C, **Bello L**, Pantic B, Guidolin F, Vianello S, Catapano F, Colombo I, Moggio M, Gavassini BF, Cenacchi G, Papa V, Previtero M, Calore C, Sorarù G, Minervini G, Tosatto SCE, Stramare R, Pegoraro E. The clinical spectrum of CASQ1-related myopathy. Neurology. 2018 Oct 23;91(17):e1629-

e1641. doi: 10.1212/WNL.0000000000006387. Epub 2018 Sep 26. PubMed PMID: 30258016; PubMed Central PMCID: PMC6205688.

57. Savarese M, Torella A, Musumeci O, Angelini C, Astrea G, **Bello L**, Bruno C, Comi GP, Di Fruscio G, Piluso G, Di Iorio G, Ergoli M, Esposito G, Fanin M, Farina O, Fiorillo C, Garofalo A, Giugliano T, Magri F, Minetti C, Moggio M, Passamano L, Pegoraro E, Picillo E, Sampaolo S, Santorelli FM, Semplicini C, Udd B, Toscano A, Politano L, Nigro V. Targeted gene panel screening is an effective tool to identify undiagnosed late onset Pompe disease. Neuromuscul Disord. 2018 Apr 9. pii: S0960-8966(17)31489-X. doi: 10.1016/j.nmd.2018.03.011. [Epub ahead of print] PubMed PMID: 29880332.
58. Diaz-Manera J, Fernandez-Torron R, LLauger J, James MK, Mayhew A, Smith FE, Moore UR, Blamire AM, Carlier PG, Rufibach L, Mittal P, Eagle M, Jacobs M, Hodgson T, Wallace D, Ward L, Smith M, Stramare R, Rampado A, Sato N, Tamaru T, Harwick B, Rico Gala S, Turk S, Coppenrath EM, Foster G, Bendahan D, Le Fur Y, Fricke ST, Otero H, Foster SL, Peduto A, Sawyer AM, Hilsden H, Lochmuller H, Grieben U, Spuler S, Tesi Rocha C, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Harms M, Pestronk A, Krause S, Schreiber-Katz O, Walter MC, Paradas C, Hogrel JY, Stojkovic T, Takeda S, Mori-Yoshimura M, Bravver E, Sparks S, **Bello L**, Semplicini C, Pegoraro E, Mendell JR, Bushby K, Straub V; Jain COS Consortium. Muscle MRI in patients with dysferlinopathy: pattern recognition and implications for clinical trials. J Neurol Neurosurg Psychiatry. 2018 May 7. pii: jnnp-2017-317488. doi: 10.1136/jnnp-2017-317488. [Epub ahead of print] PubMed PMID: 29735511.
59. Pane M, Coratti G, Brogna C, Mazzone ES, Mayhew A, Fanelli L, Messina S, D'Amico A, Catteruccia M, Scutifero M, Frosini S, Lanzillotta V, Colia G, Cavallaro F, Rolle E, De Sanctis R, Forcina N, Petillo R, Barp A, Gardani A, Pini A, Monaco G, D'Angelo MG, Zanin R, Vita GL, Bruno C, Mongini T, Ricci F, Pegoraro E, **Bello L**, Berardinelli A, Battini R, Sansone V, Albamonte E, Baranello G, Bertini E, Politano L, Sormani MP, Mercuri E. Upper limb function in Duchenne muscular dystrophy: 24 month longitudinal data. PLoS One. 2018 Jun 20;13(6):e0199223. doi: 10.1371/journal.pone.0199223. eCollection 2018. PubMed PMID: 29924848.
60. Moore UR, Jacobs M, Fernandez-Torron R, Jang J, James MK, Mayhew A, Rufibach L, Mittal P, Eagle M, Cnaan A, Carlier PG, Blamire A, Hilsden H, Lochmüller H, Grieben U, Spuler S, Tesi Rocha C, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Harms M, Pestronk A, Krause S, Schreiber-Katz O, Walter MC, Paradas C, Hogrel JY, Stojkovic T, Takeda S, Mori-Yoshimura M, Bravver E, Sparks S, Diaz-Manera J, **Bello L**, Semplicini C, Pegoraro E, Mendell JR, Bushby K, Straub V. Teenage exercise is associated with earlier symptom onset in dysferlinopathy: a retrospective cohort study. J Neurol Neurosurg Psychiatry. 2018 Jan 29. pii: jnnp-2017-317329. doi: 10.1136/jnnp-2017-317329. [Epub ahead of print] PubMed PMID: 29378789.
61. Savarese M, Maggi L, Vihola A, Jonson PH, Tasca G, Ruggiero L, **Bello L**, Magri F, Giugliano T, Torella A, Evilä A, Di Fruscio G, Vanakker O, Gibertini S, Vercelli L, Ruggieri A, Antozzi C, Luque H, Janssens S, Pasanisi MB, Fiorillo C, Raimondi M, Ergoli M, Politano L, Bruno C, Rubegni A, Pane M, Santorelli FM, Minetti C, Angelini C, De Bleecker J, Moggio M, Mongini T, Comi GP, Santoro L, Mercuri E, Pegoraro E, Mora M, Hackman P, Udd B, Nigro V. Interpreting Genetic Variants in Titin in Patients With Muscle Disorders. JAMA Neurol. 2018 May 1;75(5):557-565. doi: 10.1001/jamaneurol.2017.4899. PubMed PMID: 29435569; PubMed Central PMCID: PMC5885217.
62. Caporali L, **Bello L**, Tagliavini F, La Morgia C, Maresca A, Di Vito L, Liguori R, Valentino ML, Cecchin D, Pegoraro E, Carelli V. DGUOK recessive mutations in patients with CPEO, mitochondrial myopathy, parkinsonism and mtDNA deletions. Brain. 2018 Jan 1;141(1):e3. doi: 10.1093/brain/awx301. PubMed PMID: 29228108.
63. Aartsma-Rus A, Ferlini A, McNally EM, Spitali P, Sweeney HL; **workshop participants**. 226(th) ENMC International Workshop: Towards validated and qualified biomarkers for therapy development for Duchenne muscular dystrophy 20-22 January 2017, Heemskerk, The Netherlands. Neuromuscul Disord. 2018 Jan;28(1):77-86. doi: 10.1016/j.nmd.2017.10.002 Epub 2017 Oct 26. PubMed PMID: 29203356; PubMed Central PMCID: PMC5957286.
64. Barp A*, **Bello L***, Caumo L, Campadello P, Semplicini C, Lazzarotto A, Sorarù G, Calore C, Rampado A, Motta R, Stramare R, Pegoraro E. Muscle MRI and functional outcome measures in Becker muscular dystrophy. Sci Rep. 2017 Nov 22;7(1):16060. doi: 10.1038/s41598-017-16170-2. PubMed PMID: 29167533; PubMed Central PMCID: PMC5700122.
65. Nghiem PP, **Bello L**, Stoughton WB, López SM, Vidal AH, Hernandez BV, Hulbert KN, Gourley TR, Bettis AK, Balog-Alvarez CJ, Heath-Barnett H, Kornegay JN. Changes in Muscle Metabolism are Associated with

Phenotypic Variability in Golden Retriever Muscular Dystrophy. Yale J Biol Med. 2017 Sep 25;90(3):351-360. eCollection 2017 Sep. PubMed PMID: 28955176; PubMed Central PMCID: PMC5612180.

66. Magliano L, Scutifero M, Patalano M, Sagliocchi A, Zaccaro A, Civati F, Brighina E, Vita G, Messina S, Sframeli M, Lombardo ME, Scalise R, Colia G, Catteruccia M, Berardinelli A, Motta MC, Gaiani A, Semplicini C, **Bello L**, Astrea G, Ricci G, D'Angelo MG, Vita G, Pane M, D'Amico A, Balottin U, Angelini C, Battini R, Politano L. Integrated care of muscular dystrophies in Italy. Part 2. Psychological treatments, social and welfare support, and financial costs. Acta Myol. 2017 Jun;36(2):41-45. PubMed PMID: 28781515; PubMed Central PMCID: PMC5530600.
67. Nghiem PP, Kornegay JN, Uaesoontrachoon K, **Bello L**, Yin Y, Kesari A, Mittal P, Schatzberg SJ, Many GM, Lee NH, Hoffman EP. Osteopontin is linked with AKT, FoxO1, and myostatin in skeletal muscle cells. Muscle Nerve. 2017 Jul 26. doi: 10.1002/mus.25752. [Epub ahead of print] PubMed PMID: 28745831.
68. Orsucci D, Angelini C, Bertini E, Carelli V, Comi GP, Federico A, Minetti C, Moggio M, Mongini T, Santorelli FM, Servidei S, Tonin P, Ardissone A, **Bello L**, Bruno C, Ienco EC, Diodato D, Filosto M, Lamperti C, Moroni I, Musumeci O, Pegoraro E, Primiano G, Ronchi D, Rubegni A, Salvatore S, Sciacco M, Valentino ML, Vercelli L, Toscano A, Zeviani M, Siciliano G, Mancuso M. Revisiting mitochondrial ocular myopathies: a study from the Italian Network. J Neurol. 2017 Aug;264(8):1777-1784. doi: 10.1007/s00415-017-8567-z. Epub 2017 Jul 10. PubMed PMID: 28695364.
69. Politano L, Scutifero M, Patalano M, Sagliocchi A, Zaccaro A, Civati F, Brighina E, Vita G, Messina S, Sframeli M, Lombardo ME, Scalise R, Colia G, Catteruccia M, Berardinelli A, Motta MC, Gaiani A, Semplicini C, **Bello L**, Astrea G, Ricci G, D'Angelo MG, Vita G, Pane M, D'Amico A, Balottin U, Angelini C, Battini R, Magliano L. Integrated care of muscular dystrophies in Italy. Part 1. Pharmacological treatment and rehabilitative interventions. Acta Myol. 2017 Mar;36(1):19-24. PubMed PMID: 28690390; PubMed Central PMCID: PMC5479104.
70. Vianello S, Pantic B, Fusto A, **Bello L**, Galletta E, Borgia D, Gavassini BF, Semplicini C, Sorarù G, Vitiello L, Pegoraro E. SPP1 genotype and glucocorticoid treatment modify osteopontin expression in Duchenne muscular dystrophy cells. Hum Mol Genet. 2017 Sep 1;26(17):3342-3351. doi: 10.1093/hmg/ddx218. PubMed PMID: 28595270.
71. Gaiani A, Martinelli I, **Bello L**, Querin G, Puthenparampil M, Ruggero S, Toffanin E, Cagnin A, Briani C, Pegoraro E, Sorarù G. Diagnostic and Prognostic Biomarkers in Amyotrophic Lateral Sclerosis: Neurofilament Light Chain Levels in Definite Subtypes of Disease. JAMA Neurol. 2017 Mar 6. doi:10.1001/jamaneurol.2016.5398. [Epub ahead of print] PubMed PMID: 28264096.
72. Hogarth MW, Houweling PJ, Thomas KC, Gordish-Dressman H, **Bello L**, Cooperative International Neuromuscular Research Group (CINRG), Pegoraro E, Hoffman EP, Head SI, North KN. Evidence for ACTN3 as a genetic modifier of Duchenne musculardystrophy. Nat Commun. 2017 Jan 31;8:14143. doi: 10.1038/ncomms14143. PubMed PMID: 28139640; PubMed Central PMCID: PMC5290331.
73. Nghiem PP, **Bello L**, Balog-Alvarez C, López SM, Bettis A, Barnett H, Hernandez B, Schatzberg SJ, Piercy RJ, Kornegay JN. Whole genome sequencing reveals a 7 base-pair deletion in DMD exon 42 in a dog with muscular dystrophy. Mamm Genome. 2016 Dec 27. doi: 10.1007/s00335-016-9675-2. [Epub ahead of print] PubMed PMID: 28028563.
74. **Bello L**, Flanigan K, Weiss R, Spitali P, Aartsma-Rus A, Muntoni F, Zaharieva I, Ferlini A, Mercuri E, Tuffery-Giraud S, Claustres M, Straub V, Lochmüller H, Barp A, Vianello S, Pegoraro E, Punetha J, Gordish-Dressman H, Giri M, McDonald CM, Hoffman EP. Association study of exon variants in the NF-κB and TGFβ pathways identifies CD40 as a modifier of Duchenne muscular dystrophy. Am J Hum Genet. 2016 Nov 3;99(5):1163-1171. doi: 10.1016/j.ajhg.2016.08.023. Epub 2016 Oct 13. PubMed PMID: 27745838; PubMed Central PMCID: PMC5097949.
75. **Bello L**, Campadello P, Barp A, Fanin M, Semplicini C, Sorarù G, Caumo L, Calore C, Angelini C, Pegoraro E. Functional changes in Becker muscular dystrophy: implications for clinical trials in dystrophinopathies. Sci Rep. 2016 Sep 1;6:32439. doi:10.1038/srep32439. PubMed PMID: 27582364.
76. Todeschini A, Gualandi F, Trabanelli C, Armaroli A, Ravani A, Fanin M, Rota S, **Bello L**, Ferlini A, Pegoraro E, Padovani A, Filosto M. Becker muscular dystrophy due to an intronic splicing mutation inducing a dual dystrophin transcript, Neuromusc Disord. 2016, http://dx.doi.org/doi:10.1016/j.nmd.2016.08.007.
77. Many GM, Yokosaki Y, Uaesoontrachoon K, Nghiem PP, **Bello L**, Dadgar S, Yin Y, Damsker JM, Cohen HB, Kornegay JN, Bamman MM, Mosser DM, Nagaraju K, Hoffman EP. OPN-a induces muscle inflammation by increasing recruitment and activation of pro-inflammatory macrophages. Exp Physiol. 2016 Jul 25. doi: 10.1113/EP085768. [Epub ahead of print] PubMed PMID: 27452303.

78. Querin G, DaRe E, Martinelli I, **Bello L**, Bertolin C, Pareyson D, Mariotti C, Pegoraro E, Sorarù G. Validation of the Italian version of the SBMA Functional Rating Scale as outcome measure. Neurol Sci. 2016 Jul 21. [Epub ahead of print] PubMed PMID: 27444956.
79. Fiorillo C, Astrea G, Savarese M, Cassandrini D, Brisca G, Trucco F, Pedemonte M, Trovato R, Ruggiero L, Vercelli L, D'Amico A, Tasca G, Pane M, Fanin M, **Bello L**, Broda P, Musumeci O, Rodolico C, Messina S, Vita GL, Sframeli M, Gibertini S, Morandi L, Mora M, Maggi L, Petrucci A, Massa R, Grandis M, Toscano A, Pegoraro E, Mercuri E, Bertini E, Mongini T, Santoro L, Nigro V, Minetti C, Santorelli FM, Bruno C; Italian Network on Congenital Myopathies. MYH7-related myopathies: clinical, histopathological and imaging findings in a cohort of Italian patients. Orphanet J Rare Dis. 2016 Jul 7;11(1):91. doi: 10.1186/s13023-016-0476-1. PubMed PMID: 27387980; PubMed Central PMCID: PMC4936326.
80. **Bello L**, Morgenroth LP, Gordish-Dressman H, Hoffman EP, McDonald CM, Cirak S; CINRG investigators. DMD genotypes and loss of ambulation in the CINRG Duchenne Natural History Study. Neurology. 2016 Jul 26;87(4):401-9. doi: 10.1212/WNL.0000000000002891. Epub 2016 Jun 24. PubMed PMID: 27343068; PubMed Central PMCID: PMC4977110.
81. Bertolin C, Querin G, Da Re E, Sagnelli A, **Bello L**, Cao M, Muscas M, Pennuto M, Ermani M, Pegoraro E, Mariotti C, Gellera C, Hanna MG, Pareyson D, Fratta P, Sorarù G. No effect of AR polyG polymorphism on spinal and bulbar muscular atrophy phenotype. Eur J Neurol. 2016 Jun;23(6):1134-6. doi: 10.1111/ene.13001. PubMed PMID: 27141859.
82. Mazzone ES, Coratti G, Sormani MP, Messina S, Pane M, D'Amico A, Colia G, Fanelli L, Berardinelli A, Gardani A, Lanzillotta V, D'Ambrosio P, Petillo R, Cavallaro F, Frosini S, **Bello L**, Bonfiglio S, De Sanctis R, Rolle E, Forcina N, Magri F, Vita G, Palermo C, Donati MA, Procopio E, Arnoldi MT, Baranello G, Mongini T, Pini A, Battini R, Pegoraro E, Torrente Y, Previtali SC, Bruno C, Politano L, Comi GP, D'Angelo MG, Bertini E, Mercuri E. Timed Rise from Floor as a Predictor of Disease Progression in Duchenne Muscular Dystrophy: An Observational Study. PLoS One. 2016 Mar 16;11(3):e0151445. doi: 10.1371/journal.pone.0151445. eCollection 2016. PubMed PMID: 26982196; PubMed Central PMCID: PMC4794120.
83. Barp A*, **Bello L***, Politano L, Melacini P, Calore C, Polo A, Vianello S, Sorarù G, Semplicini C, Pantic B, Taglia A, Picillo E, Magri F, Gorni K, Messina S, Vita GL, Vita G, Comi GP, Ermani M, Calvo V, Angelini C, Hoffman EP, Pegoraro E. Genetic Modifiers of Duchenne Muscular Dystrophy and Dilated Cardiomyopathy. PLoS One. 2015 Oct 29;10(10):e0141240. doi: 10.1371/journal.pone.0141240. eCollection 2015. PubMed PMID: 26513582.
84. Querin G, Bertolin C, Da Re E, Volpe M, Zara G, Pegoraro E, Caretta N, Foresta C, Silvano M, Corrado D, Iafrate M, Angelini L, Sartori L, Pennuto M, Gaiani A, **Bello L**, Semplicini C, Pareyson D, Silani V, Ermani M, Ferlin A, Sorarù G; Italian Study Group on Kennedy's disease. Non-neural phenotype of spinal and bulbar muscular atrophy: results from a large cohort of Italian patients. J Neurol Neurosurg Psychiatry. 2015 Oct 26. pii: jnnp-2015-311305. doi: 10.1136/jnnp-2015-311305. [Epub ahead of print] PubMed PMID: 26503015.
85. Fiorillo AA, Heier CR, Novak JS, Tully CB, Brown KJ, Uaesoontrachoon K, Vila MC, Ngheim PP, **Bello L**, Kornegay JN, Angelini C, Partridge TA, Nagaraju K, Hoffman EP. TNF-α-Induced microRNAs Control Dystrophin Expression in Becker Muscular Dystrophy. Cell Rep. 2015 Aug 26. doi:10.1016/j.celrep.2015.07.066.
86. Pane M, Fanelli L, Mazzone ES, Olivieri G, D'Amico A, Messina S, Scutifero M, Battini R, Petillo R, Frosini S, Sivo S, Vita GL, Bruno C, Mongini T, Pegoraro E, De Sanctis R, Berardinelli A, Lanzillotta V, Carlesi A, Viggiano E, Cavallaro F, Sframeli M, **Bello L**, Barp A, Bianco F, Bonfiglio S, Rolle E, Palermo C, D'Angelo G, Pini A, Iotti E, Gorni K, Baranello G, Bertini E, Politano L, Sormani MP, Mercuri E. Benefits of glucocorticoids in non-ambulant boys/men with Duchenne muscular dystrophy: A multicentric longitudinal study using the Performance of Upper Limb test. Neuromuscul Disord. 2015 Oct;25(10):749-53. doi: 10.1016/j.nmd.2015.07.009. Epub 2015 Jul 17. PubMed PMID: 26248957.
87. **Bello L**, Gordish-Dressman H, Morgenroth LP, Henricson EK, Duong T, Hoffman EP, Cnaan A, McDonald CM. Cooperative International Neuromuscular Research Group Investigators. Prednisone/prednisolone and deflazacort regimens in the CINRG Duchenne Natural History Study. Neurology 2015 Sep 22;85(12):1048-55. doi: 10.1212/WNL.0000000000001950. Epub 2015 Aug 26.
88. Mancuso M, Orsucci D, Angelini C, Bertini E, Carelli V, Comi GP, Donati MA, Federico A, Minetti C, Moggio M, Mongini T, Santorelli FM, Servidei S, Tonin P, Toscano A, Bruno C, **Bello L**, Caldarazzo Ienco E, Cardaioli E, Catteruccia M, Da Pozzo P, Filosto M, Lamperti C, Moroni I, Musumeci O, Pegoraro E, Ronchi D, Sauchelli D, Scarpelli M, Sciacco M, Valentino ML, Vercelli L, Zeviani M, Siciliano G. Redefining phenotypes associated

with mitochondrial DNA single deletion. J Neurol. 2015 May;262(5):1301-9. doi: 10.1007/s00415-015-7710-y. Epub 2015 Mar 26. PubMed PMID: 25808502.

89. Semplicini C, Vissing J, Dahlqvist JR, Stojkovic T, **Bello L**, Witting N, Duno M, Leturcq F, Bertolin C, D'Ambrosio P, Eymard B, Angelini C, Politano L, Laforet P, Pegoraro E. Clinical and genetic spectrum in limb-girdle muscular dystrophy type 2E. Neurology. 2015, in press.
90. **Bello L***, Kesari A*, Gordish-Dressman H, Cnaan A, Morgenroth LP, Punetha J, Duong T, Henricson EK, Pegoraro E, McDonald CM, Hoffman EP; Cooperative International Neuromuscular Research Group Investigators. Genetic modifiers of ambulation in the Cooperative International Neuromuscular Research Group Duchenne Natural History Study. Ann Neurol. 2015 Apr;77(4):684-96. doi: 10.1002/ana.24370. Epub 2015 Mar 13. PubMed PMID: 25641372; PubMed Central PMCID: PMC4403971.
91. Dillingham BC, Knoblach SM, Many GM, Harmon BT, Mullen AM, Heier CR, **Bello L**, McCall JM, Hoffman EP, Connor EM, Nagaraju K, Reeves EK, Damsker JM. VBP15, a Novel Anti-Inflammatory, is Effective at Reducing the Severity of Murine Experimental Autoimmune Encephalomyelitis. Cell Mol Neurobiol. 2014 Nov 13. [Epub ahead of print] PubMed PMID: 25392236.
92. Magliano L, Patalano M, Sagliocchi A, Scutifero M, Zaccaro A, Grazia D'Angelo M, Civati F, Brighina E, Vita G, Vita GL, Messina S, Sframeli M, Pane M, Lombardo ME, Scalise R, D'Amico A, Colia G, Catteruccia M, Balottin U, Berardinelli A, Motta MC, Angelini C, Gaiani A, Semplicini C, **Bello L**, Battini R, Astrea G, Politano L. Burden, professional support, and social network in families of children and young adults with muscular dystrophies. Muscle Nerve. 2014 Oct 31. doi: 10.1002/mus.24503. [Epub ahead of print] PubMed PMID: 25363165.
93. Rossi D, Vezzani B, Galli L, Paolini C, Toniolo L, Pierantozzi E, Spinozzi S, Barone V, Pegoraro E, **Bello L**, Cenacchi G, Vattemi G, Tomelleri G, Ricci G, Siciliano G, Protasi F, Reggiani C, Sorrentino V. A mutation in the CASQ1 gene causes a vacuolar myopathy with accumulation of sarcoplasmic reticulum protein aggregates. Hum Mutat. 2014 Oct;35(10):1163-70. doi: 10.1002/humu.22631. Epub 2014 Sep 10. PubMed PMID: 25116801; PubMed Central PMCID: PMC4177304.
94. Pane M, Mazzone ES, Sormani MP, Messina S, Vita GL, Fanelli L, Berardinelli A, Torrente Y, D'Amico A, Lanzillotta V, Viggiano E, D'Ambrosio P, Cavallaro F, Frosini S, **Bello L**, Bonfiglio S, Scalise R, De Sanctis R, Rolle E, Bianco F, Van der Haawue M, Magri F, Palermo C, Rossi F, Donati MA, Alfonsi C, Sacchini M, Arnoldi MT, Baranello G, Mongini T, Pini A, Battini R, Pegoraro E, Previtali SC, Napolitano S, Bruno C, Politano L, Comi GP, Bertini E, Morandi L, Gualandi F, Ferlini A, Goemans N, Mercuri E. 6 Minute walk test in Duchenne MD patients with different mutations: 12 month changes. PLoS One. 2014 Jan 8;9(1):e83400. doi: 10.1371/journal.pone.0083400. eCollection 2014. PubMed PMID: 24421885; PubMed Central PMCID: PMC3885414.
95. Beltrame V, Ortolan P, Coran A, Zanato R, Gazzola M, Frigo A, **Bello L**, Pegoraro E, Stramare R. Muscle MR imaging in tubular aggregate myopathy. PLoS One. 2014 Apr 10;9(4):e94427. doi: 10.1371/journal.pone.0094427. eCollection 2014. PubMed PMID: 24722334; PubMed Central PMCID: PMC3983208.
96. Hathout Y, Marathi RL, Rayavarapu S, Zhang A, Brown KJ, Seol H, Gordish-Dressman H, Cirak S, **Bello L**, Nagaraju K, Partridge T, Hoffman EP, Takeda S, Mah JK, Henricson E, McDonald C. Discovery of serum protein biomarkers in the mdx mouse model and cross-species comparison to Duchenne muscular dystrophy patients. Hum Mol Genet. 2014 Dec 15;23(24):6458-69. doi: 10.1093/hmg/ddu366. Epub 2014 Jul 15. PubMed PMID: 25027324; PubMed Central PMCID: PMC4240201.
97. Magliano L, D'Angelo MG, Vita G, Pane M, D'Amico A, Balottin U, Angelini C, Battini R, Politano L, Patalano M, Sagliocchi A, Civati F, Brighina E, Vita GL, Messina S, Sframeli M, Lombardo ME, Scalise R, Colia G, Catteruccia M, Berardinelli A, Motta MC, Gaiani A, Semplicini C, **Bello L**, Astrea G, Zaccaro A, Scutifero M. Psychological and practical difficulties among parents and healthy siblings of children with Duchenne vs. Becker muscular dystrophy: an Italian comparative study. Acta Myol. 2014;33:136-43.
98. Magliano L, Patalano M, Sagliocchi A, Scutifero M, Zaccaro A, D'Angelo MG, Civati F, Brighina E, Vita G, Vita GL, Messina S, Sframeli M, Pane M, Lombardo ME, Scalise R, D'Amico A, Colia G, Catteruccia M, Balottin U, Berardinelli A Motta MC, Angelini C, Gaiani A, Semplicini C, **Bello L**, Battini R, Astrea G, Ricci G, Politano L. "I have got something positive out of this situation": psychological benefits of caregiving in relatives of young people with muscular dystrophy. J Neurol. 2014 Jan;261(1):188-95. doi: 10.1007/s00415-013-7176-8. Epub 2013 Nov 8. PubMed PMID: 24202786; PubMed Central PMCID: PMC3895206.
99. Pane M, Mazzone ES, Fanelli L, De Sanctis R, Bianco F, Sivo S, D'Amico A, Messina S, Battini R, Scutifero M, Petillo R, Frosini S, Scalise R, Vita G, Bruno C, Pedemonte M, Mongini T, Pegoraro E, Brustia F, Gardani A,

Berardinelli A, Lanzillotta V, Viggiano E, Cavallaro F, Sframeli M, **Bello L**, Barp A, Bonfiglio S, Rolle E, Colia G, Catteruccia M, Palermo C, D'Angelo G, Pini A, Iotti E, Gorni K, Baranello G, Morandi L, Bertini E, Politano L, Sormani M, Mercuri E. Reliability of the Performance of Upper Limb assessment in Duchenne muscular dystrophy. Neuromuscul Disord. 2014 Mar;24(3):201-6. doi: 10.1016/j.nmd.2013.11.014. Epub 2013 Dec 5. PubMed PMID: 24440357.

100. Querin G, D'Ascenzo C, Peterle E, Ermani M, **Bello L**, Melacini P, Morandi L, Mazzini L, Silani V, Raimondi M, Mandrioli J, Romito S, Angelini C, Pegoraro E, Sorarù G. Pilot trial of clenbuterol in spinal and bulbar muscular atrophy. Neurology. 2013 Jun 4;80(23):2095-8. doi: 10.1212/WNL.0b013e318295d766. Epub 2013 May 3. PubMed PMID: 23645595.

101. Mazzone ES, Pane M, Sormani MP, Scalise R, Berardinelli A, Messina S, Torrente Y, D'Amico A, Doglio L, Viggiano E, D'Ambrosio P, Cavallaro F, Frosini S, **Bello L**, Bonfiglio S, De Sanctis R, Rolle E, Bianco F, Magri F, Rossi F, Vasco G, Vita G, Motta MC, Donati MA, Sacchini M, Mongini T, Pini A, Battini R, Pegoraro E, Previtali S, Napolitano S, Bruno C, Politano L, Comi GP, Bertini E, Mercuri E. 24 month longitudinal data in ambulant boys with Duchenne muscular dystrophy. PLoS One. 2013;8(1):e52512. doi: 10.1371/journal.pone.0052512. Epub 2013 Jan 11. Erratum in: PLoS One. 2013;8(11). doi:10.1371/annotation/cbe611fe-cda9-4d98-9574-0ac18e109daa. PubMed PMID: 23326337; PubMed Central PMCID: PMC3543414.

102. **Bello L**, Melacini P, Pezzani R, D'Amico A, Piva L, Leonardi E, Torella A, Soraru G, Palmieri A, Smaniotto G, Gavassini BF, Vianello A, Nigro V, Bertini E, Angelini C, Tosatto SC, Pegoraro E. Cardiomyopathy in patients with POMT1-related congenital and limb-girdle muscular dystrophy. Eur J Hum Genet. 2012 Dec;20(12):1234-9. doi: 10.1038/ejhg.2012.71. Epub 2012 May 2. PubMed PMID: 22549409; PubMed Central PMCID: PMC3499746.

103. Piva L, Gavassini BF, **Bello L**, Fanin M, Soraru G, Barp A, Ermani M, Angelini C, Hoffman EP, Pegoraro E. TGFBR2 but not SPP1 genotype modulates osteopontin expression in Duchenne muscular dystrophy muscle. J Pathol. 2012 Oct;228(2):251-9. doi: 10.1002/path.4026. Epub 2012 Aug 28. PubMed PMID: 22431140; PubMed Central PMCID: PMC4121062.

104. **Bello L**, Piva L, Barp A, Taglia A, Picillo E, Vasco G, Pane M, Previtali SC, Torrente Y, Gazzerro E, Motta MC, Grieco GS, Napolitano S, Magri F, D'Amico A, Astrea G, Messina S, Sframeli M, Vita GL, Boffi P, Mongini T, Ferlini A, Gualandi F, Soraru' G, Ermani M, Vita G, Battini R, Bertini E, Comi GP, Berardinelli A, Minetti C, Bruno C, Mercuri E, Politano L, Angelini C, Hoffman EP, Pegoraro E. Importance of SPP1 genotype as a covariate in clinical trials in Duchenne muscular dystrophy. Neurology. 2012 Jul 10;79(2):159-62. doi: 10.1212/WNL.0b013e31825f04ea. Epub 2012 Jun 27. PubMed PMID: 22744661; PubMed Central PMCID: PMC3390537.

105. D'Ascenzo C, Cecchin D, Santelli L, Palmieri A, Gaiani A, Querin G, Cima V, Volpe M, **Bello L**, Bui F, Cagnin A, Angelini C, Pegoraro E, Sorarù G. Parkinson-like features in ALS with predominant upper motor neuron involvement. Amyotroph Lateral Scler. 2012 Jan;13(1):137-43. doi: 10.3109/17482968.2011.603732. Epub 2011 Aug 28. PubMed PMID: 21870999.

106. Gavassini BF, Carboni N, Nielsen JE, Danielsen ER, Thomsen C, Svenstrup K, **Bello L**, Maioli MA, Marrosu G, Ticca AF, Mura M, Marrosu MG, Soraru G, Angelini C, Vissing J, Pegoraro E. Clinical and molecular characterization of limb-girdle muscular dystrophy due to LAMA2 mutations. Muscle Nerve. 2011 Nov;44(5):703-9. doi: 10.1002/mus.22132. Epub 2011 Sep 26. PubMed PMID: 21953594.

107. Mazzone E, Vasco G, Sormani MP, Torrente Y, Berardinelli A, Messina S, D'Amico A, Doglio L, Politano L, Cavallaro F, Frosini S, **Bello L**, Bonfiglio S, Zucchini E, De Sanctis R, Scutifero M, Bianco F, Rossi F, Motta MC, Sacco A, Donati MA, Mongini T, Pini A, Battini R, Pegoraro E, Pane M, Gasperini S, Previtali S, Napolitano S, Martinelli D, Bruno C, Vita G, Comi G, Bertini E, Mercuri E. Functional changes in Duchenne muscular dystrophy: a 12-month longitudinal cohort study. Neurology. 2011 Jul 19;77(3):250-6. doi: 10.1212/WNL.0b013e318225ab2e. Epub 2011 Jul 6. PubMed PMID: 21734183.

108. Palmieri A, Manara R, **Bello L**, Mento G, Lazzarini L, Borsato C, Bortolussi L, Angelini C, Pegoraro E. Cognitive profile and MRI findings in limb-girdle muscular dystrophy 2I. J Neurol. 2011 Jul;258(7):1312-20. doi: 10.1007/s00415-011-5930-3. Epub 2011 Feb 4. PubMed PMID: 21293871.

109. Pegoraro E, Hoffman EP, Piva L, Gavassini BF, Cagnin S, Ermani M, **Bello L**, Soraru G, Pacchioni B, Bonifati MD, Lanfranchi G, Angelini C, Kesari A, Lee I, Gordish-Dressman H, Devaney JM, McDonald CM; Cooperative International Neuromuscular Research Group. SPP1 genotype is a determinant of disease severity in Duchenne muscular dystrophy. Neurology. 2011 Jan 18;76(3):219-26. doi:

10.1212/WNL.0b013e318207afeb. Epub 2010 Dec 22. PubMed PMID: 21178099; PubMed Central PMCID: PMC3034396.

110. Mazzone E, Martinelli D, Berardinelli A, Messina S, D'Amico A, Vasco G, Main M, Doglio L, Politano L, Cavallaro F, Frosini S, **Bello L**, Carlesi A, Bonetti AM, Zucchini E, De Sanctis R, Scutifero M, Bianco F, Rossi F, Motta MC, Sacco A, Donati MA, Mongini T, Pini A, Battini R, Pegoraro E, Pane M, Pasquini E, Bruno C, Vita G, de Waure C, Bertini E, Mercuri E. North Star Ambulatory Assessment, 6-minute walk test and timed items in ambulant boys with Duchenne muscular dystrophy. Neuromuscul Disord. 2010 Nov;20(11):712-6. doi: 10.1016/j.nmd.2010.06.014. Epub 2010 Jul 14. PubMed PMID: 20634072.

111. Mazzone ES, Messina S, Vasco G, Main M, Eagle M, D'Amico A, Doglio L, Politano L, Cavallaro F, Frosini S, **Bello L**, Magri F, Corlatti A, Zucchini E, Mongini T, Pini A, Astrea G, Battini R, Comi G, Pegoraro E, Morandi L, Pane M, Angelini C, Bruno C, Villanova M, Vita G, Donati MA, Bertini E, Mercuri E. Reliability of the North Star Ambulatory Assessment in a multicentric setting. Neuromuscul Disord. 2009 Jul;19(7):458-61. doi: 10.1016/j.nmd.2009.06.368. Epub 2009 Jun 23. PubMed PMID: 19553120.

Review papers

1. **Bello L**, Sansone V, Masson R, Bruno C. The Epigenetic Rescue of Dystrophin Dysfunction study of givinostat in ambulatory Duchenne muscular dystrophy patients. Acta Myol. 2024 Sep;43(3):114-115. doi: 10.36185/2532-1900-637. PMID: 39468968; PMCID: PMC11537717.
2. Spagnoli C, Adorisio R, **Bello L**, D'Amico A, D'Angelo MG, Pane M, Penzo M, Riguzzi P, Sansone V, Vianello A, Fusco C. Transition and management of patients with Duchenne Muscular Dystrophy: a narrative review based on Italian experts' opinion and real-world experience. Acta Myol. 2024 Sep;43(3):102-107. doi: 10.36185/2532-1900-447. PMID: 39468966; PMCID: PMC11537712.
3. Gatto F, Benemei S, Piluso G, **Bello L**. The complex landscape of DMD mutations: moving towards personalized medicine. Front Genet. 2024 Mar 26;15:1360224. doi: 10.3389/fgene.2024.1360224. PMID: 38596212; PMCID: PMC11002111.
4. **Bello L**, Hoffman EP, Pegoraro E. Is it time for genetic modifiers to predict prognosis in Duchenne muscular dystrophy? Nat Rev Neurol. 2023 Jul;19(7):410-423. doi: 10.1038/s41582-023-00823-0. Epub 2023 Jun 12. PMID: 37308617.
5. Birnkrant D, **Bello L**, Butterfield RJ, Carter JC, Cripe LH, Cripe TP, McKim DA, Nandi D, Pegoraro E. Contemporary topics in the cardiopulmonary management of duchenne muscular dystrophy: emerging therapies, neuromuscular genetics, and new clinical challenges. Lancet Respir Med. 2022 Apr;10(4):403-420. doi: 10.1016/S2213-2600(21)00581-6. PMID: 35364035.
6. Vitiello L, Tibaudo L, Pegoraro E, **Bello L**, Canton M. Teaching an Old Molecule New Tricks: Drug Repositioning for Duchenne Muscular Dystrophy. Int J Mol Sci. 2019 Nov 30;20(23). pii: E6053. doi: 10.3390/ijms20236053. Review. PubMed PMID: 31801292.
7. **Bello L**, Pegoraro E. The "Usual Suspects": Genes for Inflammation, Fibrosis, Regeneration, and Muscle Strength Modify Duchenne Muscular Dystrophy. J Clin Med. 2019 May 10;8(5). pii: E649. doi: 10.3390/jcm8050649. Review. PubMed PMID: 31083420; PubMed Central PMCID: PMC6571893.
8. **Bello L**, Pegoraro E. Genetic diagnosis as a tool for personalized treatment of Duchenne muscular dystrophy. Acta Myol. 2016 Dec;35(3):122-127. Review. PubMed PMID: 28484312; PubMed Central PMCID: PMC5416739.
9. Iaccarino L, Pegoraro E, **Bello L**, Bettio S, Borella E, Nalotto L, Semplicini C, Sorarù G, GhirardelloA, Doria A. Assessment of patients with idiopathic inflammatory myopathies and isolated creatin-kinase elevation. Autoimmune Highlights. 2014 Dec;5(3):87-94.
10. Angelini C, **Bello L**, Spinazzi M, Ferrati C. Mitochondrial disorders of the nuclear genome. Acta Myol. 2009 Jul;28(1):16-23. PubMed PMID: 19772191; PubMed Central PMCID: PMC2859630.

Authors marked with * contributed equally.

Book chapters

1. **Bello L**, Hoffman EP, Pegoraro E. Genome-Wide Association Studies in Muscle Physiology and Disease. In: Burniston J., Chen YW. (eds) Omics Approaches to Understanding Muscle Biology. Methods in

Physiology. Springer, New York, NY. First Online 06 November 2019. https://doi.org/10.1007/978-1-4939-9802-9_2
2. **Bello L**, Hoffman EP, Pegoraro E. Dystrophinopathies. In: Angelini C, editor. Muscular Dystrophy: causes and management. Hauppauge NY: Nova Science Publisher, 2013. 69-96.

Oral presentations at national and international conferences

1. **Bello L**, D'Angelo G, Villa M, Fusto A, Vianello S, Merlo B, Barp A, Gandossini S, Magri F, Comi GP, Pedemonte M, Tacchetti P, Lanzillotta V, Trucco F, D'Amico A, Bertini E, Astrea G, Battini R, Politano L, Baranello G, Albamonte E, De Mattia E, Rao F, Sansone V, Previtali SC, Vita GL, Messina S, Berardinelli A, Mongini T, Pini A, Pane M, Mercuri E, Vianello A, Calore C, Bruno C, Hoffman EP, Morgenroth L, Gordish-Dressman H, McDonald CM, CINRG-DNHS Investigators, Pegoraro E. Modifiers of respiratory and cardiac function in the Italian Duchenne muscular dystrophy Network and CINRG Duchenne Natural History Study. Acta Myol 2019;38:103.
2. **Bello L**, Villa M, Gandossini S, D'Angelo G, Magri F, Comi GP, Pedemonte M, Tacchetti P, Lanzillotta V, Bruno C, D'Amico A, Bertini E, Astrea G, Politano L, Baranello G, Albamonte E, De Mattia E, Rao F, Sansone V, Previtali S, Messina S, Vita GL, Berardinelli A, Mongini T, Pane M, Mercuri E, Vianello A, Pegoraro E. A retrospective study of respiratory function in the Italian Duchenne muscular dystrophy Network. Acta Myol 2018;37:49-50.
3. **Bello L**, Campadello P, Barp A, Semplicini C, Sorarù G, Angelini C, Pegoraro E. Longitudinal functional measures in Becker muscular dystrophy: implications for clinical trials and Duchenne exon skipping outcomes. Neurol Sci 2015;36;S203.
4. **Bello L**, Gordish-Dressman H, Morgenroth L, Henricson E, Duong T, Hoffman EP, Cnaan A, McDonald CM. Prednisone/prednisolone and deflazacort differ in long term outcomes on ambulation and side effects in the CINRG Duchenne Natural History Study. Neurology 2015;84:S50:001.
5. **Bello L**, Campadello P, Barp A, Semplicini C, Sorarù G, Angelini C, Pegoraro E. Longitudinal functional measures in Becker muscular dystrophy: implications for clinical trials and Duchenne exon skipping outcomes. Acta Myol. 2015 May;34:37-89.
6. **Bello L**, Piva L, Barp A, Mercuri E, Pane M, Bruno C, Minetti C, Previtali S, Berardinelli A, Messina S, Bertini E, Politano L, Torrente Y, Comi G, Mongini T, Angelini C, Pegoraro E on behalf of the Italian North Star Group. SPP1 genotype influence on disease progression in ambulatory DMD patients. Acta Myol 2011;30:54.
7. **Bello L**, Cima V, Sorarù G, Pegoraro E, Angelini C. "Head drop" come presentazione inusuale di miopatia con aggregati tubulari [Head drop as unusual presentation of tubular aggregate myopathy]. Proceedings of the X National Congress of the Italian Association of Myology 2009.
8. Borsato C, Codemo V, Palmieri A, **Bello L**, Semplicini C, Cima V, Volpe M, Ferrati C, Danek A, Sorarù G, Pegoraro E, Angelini C. Un caso insolito di iperCPKemia familiare [An unusual case of familial hyperCKemia]. Proceedings of the IX National Congress of the Italian Association of Myology 2009:17.
9. **Bello L**, Pezzani R, Boito C, Codemo V, Volpe M, Angelini C, Pegoraro E. Molecular characterization of congenital and limb-girdle muscle dystrophies with defective glycosylation of alpha-dystroglycan. Clin Neuropathol 2008;27:260.
10. **Bello L**, Pezzani R, Boito C, Codemo V, Volpe M, Cima V, Sorarù G, Angelini C, Pegoraro E. Molecular and clinical study of dystroglycanopathies in a cohort of patients with congenital and limb girdle muscular dystrophy. Neurol Sci 2008;29:S39.

Poster presentations at national and international conferences

1. Zangaro V, **Bello L**, Semplicini C. Lazzarotto A, Fanin M, Pegoraro E. Longitudinal functional outcomes in Limb Girdle Muscular Dystrophy type 2A (Calpainopathy). Acta Myol 2019;38:119.

2. **Bello L**, Duong T, Henricson E, Hoffman EP, McDonald CM, Gordish-Dressman H, CINRG Investigators. Genetic association study of articular range of motion in the CINRG Duchenne Natural History Study. Acta Myol 2018;37:62.
3. James M, Mayhew A, Moat D, Eagle M, Maron E, Gee R, Rose K, Drogo B, Vandevelde B, Foy K, Thiele S, Sánchez-Aguilera Práxedes M, Canal A, Yajima H, Sanjak M, Montiel-Morillo E, **Bello L**, Alfano L, Bushby K, Straub V. Does the performance of upper limb capture functional variations in dysferlinopathy? Neuromuscular Disorders 2017;27:S145-S146.
4. Semplicini C, Bertolin C, Pantic B, **Bello L**, Vianello, S, Catapano F, Colombo I, Moggio M, Sorarù G, Calore, C, Stramare R, Pegoraro E. The blurred scenario of the new Calcium-related myopathies: clinical, radiological and molecular characterization of CASQ1, STIM1 and ORAI1 myopathies diagnosed in Padova neuromuscular center. Neuromuscular Disorders 2017;27:S97.
5. Cao M, Bertolin C, Tripodi S, **Bello L**, Soraru G, Pegoraro, E. Chromosome X inactivation pattern in FSHD female patients. Neuromuscular Disorders 2017;27:S5.
6. **Bello L**, Flanigan KM, Weiss RB, Aartsma-Rus A, Muntoni F, Pegoraro E, Gordish-Dressman H, McDonald CM, Hoffman EP. Association study of exome variants in the NF-κB and TGFβ pathways identifies CD40 as a modifier of Duchenne muscular dystrophy. Neuromusc Dis 2016;26:S98.
7. **Bello L**, Campadello P, Barp A, Semplicini C, Sorarù G, Angelini C, Pegoraro E. Longitudinal functional measures in Becker muscular dystrophy: Implications for clinical trials and Duchenne exon skipping outcomes. Neuromusc Dis 2015;25:S231.
8. Hoffman EP, Thompson P, McDonald CM, Gordish-Dressman H, **Bello L**, CINRG investigators, FAMUSS investigators, Pegoraro E. Genetic modifiers of muscle: Studies of college students and Duchenne muscular dystrophy. Neuromusc Dis 2015;25:S184.
9. **Bello L**, Nghiem P, Kornegay J, Pegoraro E, Hoffman EP. Quantity of in-frame dystrophin transcript does not modify muscle pathology or phenotype in Golden Retriever Muscular Dystrophy. Clin Neuropathol 2015:34:224.
10. Genetic modifiers in TGF-beta pathway affect disease severity in Duchenne muscular dystrophy. Punetha J, Gordish-Dressman H, **Bello L**, Kesari A, Giri M, Hoffman EP. Proceedings of the American Society of Human Genetics 64th Annual Meeting 2014:408.
11. **Bello L**, Kesari A, Gordish-Dressman H, Punetha J, Enricson E, Duong T, Morgenroth L, Pegoraro E, Cnaan A, McDonald CM, Hoffman EP. Loss of ambulation in the Cooperative International Neuromuscular Research Group (CINRG) Duchenne Muscular Dystrophy (DMD) cohort is synergistically influenced by glucocorticoid corticosteroid treatment and candidate genetic polymorphisms. Journal of Neuromuscular Diseases 2014;1:S124-125.
12. Ferlini L, **Bello L**, Peterle E, Gaiani A, Barp A, Valentino L, Manara R, Cecchin D, Antonini A, Carelli V, Angelini C, Pegoraro E. Progressive External Ophthalmoplegia associated to single mitochondrial DNA deletion and extrapyramidal abnormalities. Neurological Sciences 2012;33:S390.
13. Pegoraro E, **Bello L**, Pica L, Barp A, Ermani E, Politano L, Mercuri E, Previtali S, Torrente Y, Bruno C, Minetti C, Berardinelli A, Comi G, D'Amico A, Sorarù G, Messina S, Mongini T, Bertini E, Ferlini A, Gualandi F, Battini R, Boffi P, Pane M, Vita G, Hoffman E, Angelini C. Osteopontin in Duchenne muscular dystrophy. Neurology 2012; 78(Meeting Abstracts 1):S15.002.
14. Codemo V, **Bello L**, Peterle E, Ferlini L, Gaiani A, Barp A, Stramare R, Zanato R, Bertini E, Fattori F, Sorarù G, Angelini C, Pegoraro E. Clinical and genetical heterogeneity in centronuclear myopathy. Neurological Sciences 2012;33:S388.
15. Cao M, Gualandi F, Sabatelli P, **Bello L**, Sorarù G, Ferlini L, Peterle E, Barp A, Gaiani A, Ferlini A, Angelini C, Pegoraro E. New clinical and molecular findings in COL6A3 gene mutations. Neurological Sciences 2012;33:S178.
16. **Bello L**, Barp A, Campadello P, Gaiani A, Peterle E, Ferlini L, Sorarù G, Angelini C, Pegoraro E. Correlation between North Star Ambulatory Assessment, timed tests, manual muscle testing and 6 minute walk test in Becker muscular dystrophy. Neurological Sciences 2012;33:S171-172.
17. Barp A, **Bello L**, Piva L, Sorarù G, Melacini P, Calore C, Polo A, Gaiani A, Peterle E, Ferlini L, Comi G, Magri F, Taglia A, Picillo E, Politano L, Messina S,Vita G, Gorni K, Hoffman E, Angelini C, Pegoraro E. Effect of genotype at SPP1 rs28357094 on cardiomyopathy onset in Duchenne muscular dystrophy. Neurological Sciences 2012;33:S85.
18. Semplicini C, Cima V, **Bello L**, Codemo V, Peterle E, Sorarù G, Pegoraro E, Angelini C. A case of familiar oculopharyngodistal myopathy. Neurological Sciences 2011;32:S463.

19. Ferlini L, **Bello L**, Valentino L, Palmieri A, Rosafio S, Di Rosa E, Antonini A, Carelli V, Angelini C, Pegoraro E. Extrapyramidal abnormalities in Progressive External Ophthalmoplegia. Neurological Sciences 2011;32:S284.
20. Codemo V, **Bello L**, Sorarù G, Zanato R, Beltrame V, Stramare R, Fattori F, Bertini E, Fiorillo C, Cassandrini D, Bruno C, Angelini C, Pegoraro E. Congenital myopathies: clinical, histopathological and neuroradiological picture in a cohort of patients in Padova. Neurological Sciences 2011;32:S284.
21. **Bello L**, Beltrame V, Borsato C, Codemo V, Barp A, Ferlini L, Cenacchi G, Ortolan P, Stramare R, Angelini C, Pegoraro E. Clinical, histopathological, ultrastructural and radiological characterization of tubular aggregate myopathy. Neurological Sciences 2011;32:S280-281.
22. Mancuso M, Comi G, Sciacco M, Cosi A, Valentino M, Varelli V, Toscano A, Musumeci O, Barca E, Bertini E, Catteruccia M, Martinelli D, Minetti C, Bruno C, Uziel G, Zeviani M, Lamperti C, Mongini T, Vercelli L, Pilati E, Tonin P, Filosto M, Scarpelli M, Servidei S, Cuccagna C, Primiano G, Angelini C, Spinazzi M, **Bello L**, Orsucci D, Siciliano G. The Italian Mitochondrial Registry: design and preliminary results. Neurological Sciences 2011;32:S196-197.
23. Semplicini C, Cima V, **Bello L**, Codemo V, Volpe M, Sorarù G, Pegoraro E, Angelini C. A case of familial oculo-pharyngo-distal myopathy. Acta Myologica 2011;30:75-76.
24. Piva L, Gavassini BF, Fanin M, **Bello L**, Sorarù G, Ermani M, Hoffman EP, Angelini C, Pegoraro E. Osteopontin in Duchenne Muscular Dystrophy. Acta Myologica 2010;29:126-127.
25. **Bello L**, Pezzani R, Smaniotto J, D'Amico A, Bertini E, Leonardi E, Tosatto S, Angelini C, Pegoraro E. Dilated cardiomyopathy in POMT1 mutated patients with different degrees of muscle involvement. Acta Myologica 2010;29:107.
26. Volpe M, **Bello L**, Querin G, Cima V, Palmieri A, Sorarù G, Pegoraro E, Angelini C. A case of "never-experienced-before" headache in a young man [case report of chemical meningitis from craniopharyngioma cyst spontaneous rupture]. Neurological Sciences 2010;31:S316.
27. D'Ascenzo C, Cecchin D, Santelli L, Palmieri A, Cima V, Volpe M, Querin G, Gaiani A, **Bello L**, Pegoraro E, Angelini C, Sorarù G. Extrapyramidal involvement in upper motor neuron-dominant ALS. Neurological Sciences 2010;31:S108.
28. Palmieri A, **Bello L**, Lazzarini L, Mento G, Borsato C, Manara R, Ermani M, Pegoraro E, Angelini C. Cognitive profile in LGMD-2I. Eur J Neurol 2009;16:S462.
29. Semplicini C, **Bello L**, Cima V, Codemo V, Sorarù G, Pegoraro E, Angelini C. Un caso atipico di glicogenosi tipo 2 ad esordio giovanile: iter diagnostico e terapeutico. Proceedings of the X National Congress of the Italian Association of Myology 2009.
30. Palmieri A, Manara R, **Bello L**, Mento G, Lazzarini L, Borsato C, Ermani M, Pegoraro E, Angelini C. Cognitive and neuroradiological profile in LGMD-2I. Neurological Sciences 2009;30:S338.
31. **Bello L**, Pegoraro E, Lamperti C, Di Mauro S, Angelini C. Coenzyme Q-10 deficiency in two sisters with Charlevoix-Saguenay Spastic Ataxia. Neurological Sciences 2009;30:S278.
32. Borsato C, Bortolussi A, Palmieri A, **Bello L**, Codemo V, Cima V, Ferrati C, Volpe M, Sorarù G, Fanin M, Pegoraro E, Angelini C. An unusual case of polymyositis. Neurological Sciences 2009;30:S115.
33. **Bello L**, Pezzani R, D'Amico A, Bertini C, Angelini C, Pegoraro E. Dilated cardiomyopathy in POMT1 mutated patients with different degrees of muscle involvement. Clin Neuropathol 2009;28:221.
34. Semplicini C, Filosto M, Tonin P, Codemo V, **Bello L**, Pegoraro E, Angelini C. Glicogenosi tipo 2 dell'adulto: la ERT modifica la storia naturale di malattia? Proceedings of the IX National Congress of the Italian Association of Myology 2009:30.
35. Borsato C, Cappa F, Cima V, Volpe M, Koutsikos K, Albertini E, D'Ascenzo C, Codemo V, **Bello L**, Manara R, Argentiero V, Tavolato B, Soraru G, Angelini C, Pegoraro E. Transient and recurrent CNS involvement in a 21-year-old man affected with CMT1X (Connexin-32). Eur J Neurol 2008;15S3:164.
36. Codemo V, **Bello L**, Cima V, Pegoraro E, Cenacchi G, Angelini C. Young female patient with Cap Disease. Clinical Neuropathology 2008;27:263.
37. Semplicini C, Filosto M,Tonin P, Codemo V, **Bello L**, Pegoraro E, Angelini C. Terapia enzimatica sostitutiva nella glicogenosi di tipo 2 dell'adulto. Basic Applied Myology 2008;18:141.
38. Codemo V, Pezzani R, **Bello L**, Melacini P, Cao M, Angelini C, Pegoraro E. Cardiomiopatia dilatativa in un caso di distrofia muscolare dei cingoli di tipo 2K. Basic Applied Myology 2008;18:122.
39. **Bello L**, Gavassini BF, Carboni L, Maioli MA, Marrosu G, Ticca AF, Mura M, Marrosu MG, Cao M, Angelini C, Pegoraro E. Distrofia muscolare dei cingoli con alterazione della sostanza bianca in tre pazienti con mutazione del gene LAMA2. Basic Applied Myology 2008;18:119.

40. Cima V, Volpe M, Sorarù G, Ermani M, D'Ascenzo C, Koutsikos K, Palmieri A, **Bello L**, Codemo V, Semplicini C, Borsato C, Pegoraro E, Angelini C. Neuromuscular prognostic factors in ALS. Neurol Sci 2008;29:S330.
41. Semplicini C, Ravaglia S, Tonin P, Filosto M, **Bello L**, Codemo V, Pegoraro E, Angelini C. Multicentric study of efficacy of enzyme replacement therapy in late-onset acid maltase deficiency. Neurological Sciences 2008;29:S69.
42. Romeo V, Scaroni C, Squarzanti F, Borsato C, Albertini E, **Bello L**, Trevisan CP, Pegoraro E, Angelini C. Neuromuscular and hormonal profiles in Myotonic Dystrophy type 2. Proceedings of the VII National Congress of the Italian Association of Myology 2007:30.
43. Albertini E., Borsato C., Palmieri A., **Bello L**, Codemo V, Romeo V, Pegoraro E, Angelini C. Young woman with dysphagia and respiratory disorder. Proceedings of the VII National Congress of the Italian Association of Myology 2007:29.
44. Pegoraro E, Romeo V, **Bello L**, Codemo V, Angelini C. Myopathies with rippling and paramyotonia. Neurol Sci 2008;27:S37.