

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
AOMC Young Investigator Award Session		AY-1	69	Visualization of degenerative processes of the myofibers on muscle pathology in OPDM based on single nucleus RNA-seq data	Sep 14 (Sat.)	9:00-10:30	Room 2
AOMC Young Investigator Award Session		AY-2	83	Detection of STR expansions on a neuromuscular gene panel using STRipy improves diagnostic rate of ataxia	Sep 14 (Sat.)	9:00-10:30	Room 2
AOMC Young Investigator Award Session		AY-3	97	Characterizing the Cell-Cell Interaction in Inclusion Body Myositis	Sep 14 (Sat.)	9:00-10:30	Room 2
AOMC Young Investigator Award Session		AY-4	217	4qA D4Z4 methylation test as a valuable complement for differential diagnosis in patients with FSHD-like phenotype	Sep 14 (Sat.)	9:00-10:30	Room 2
AOMC Young Investigator Award Session		AY-5	230	Identification of key gene functions impaired in dystrophinopathy by transcriptomic analysis of patient-derived iPSC-cardiomyocytes	Sep 14 (Sat.)	9:00-10:30	Room 2
JMS Young Investigator Award Session		JY-1	22	Serglycin promotes skeletal myogenesis through EZH2 degradation in satellite cells	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Young Investigator Award Session		JY-2	38	Macrophage HGF-denitration activity: a key to youthful muscle regeneration	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Young Investigator Award Session		JY-3	43	Generation of an FSHD1 mouse model carrying FSHD1-derived chromosome 4q35 using mouse artificial chromosome	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Young Investigator Award Session		JY-4	45	The role of muscle glucocorticoid receptor signaling in accelerating obesity, glucose intolerance, and aging-related metabolic changes	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Young Investigator Award Session		JY-5	88	Modeling cell type specific and sporadic DUX4 gene expression in FSHD	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Young Investigator Award Session		JY-6	108	Establishment of Cell Transplantation Therapy Aimed at Ameliorating Ullrich Congenital Muscular Dystrophy~Exploration of Cell Sources for Transplantation~	Sep 14 (Sat.)	10:40-12:30	Room 2
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-1	26	LSMEM2, localized at the neuromuscular junction, modulatesMitochondrial integration in skeletal muscles	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-2	55	Satellite cells are not indispensable for repair following exercise-induced muscle damage	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-3	60	Reactive oxygen species related DNA damage induced cellular senescence in myoblasts.	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-4	67	Overexpression of PGC-1 α prevents eccentric contraction-induced muscle damage in a utrophin-independent manner	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-5	90	Isometric interval training with high- but not low-intensity contractions improves fatigue resistance in dystrophin deficient muscle	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-6	99	Next-generation cell and gene therapy	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-7	105	Inactivation of Aconitase2 under simulated microgravity and analysis of skeletal muscle-specific Aco2-deficient mice	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-8	130	Elucidation of the mechanism by which training improves the engraftment efficiency of transplanted cells in Duchenne muscular dystrophy.	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-9	133	BMP signaling controls skeletal muscle cell maturation	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-10	135	A mechanistic analysis of epigenetic disruption in Facioscapulohumeral muscular dystrophy	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-11	136	RNA-based CRISPRoff silencing to target DUX4 in Facioscapulohumeral muscular dystrophy	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-12	144	Reduced expression of Dok-7 and agrin due to mechanical unloading induces acetylcholine receptor degeneration in type 1 myofibers in mice	Sep 13 (Fri.)	18:30-19:30	Poster
JMS Student Award Session	First-round Selection: Poster Presentation	JSA-13	165	Elucidating the role of Oncostatin M signaling in myoblast proliferation and muscle physiology in wild-type and SOD1G93A mice	Sep 13 (Fri.)	18:30-19:30	Poster
Oral Session 1		O-1	37	Regulation of skeletal muscle stem cell bioenergetics by a Mg ²⁺ -permeable ion channel TRPM7	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-2	87	Prostaglandin J inhibited cellular proliferation and differentiation in myoblast via reprogramming into adipocyte	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-3	107	3-(4-Hydroxy-3-methoxyphenyl) propionic acid mitigates dexamethasone-induced muscle atrophy by attenuating Atrogin-1 and MuRF-1 expression	Sep 13 (Fri.)	10:50-12:20	Room 2

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Oral Session 1		O-4	164	Single-Cell RNA Sequencing Analysis Unrevealed Enhanced Platelet Activation and Proinflammatory Response in anti-AChR positive Myasthenia Gravis	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-5	52	Factors Affecting Disease Severity in Adults with Myasthenia Gravis	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-6	25	Optimize antibody-RNA conjugate for treating myotonic dystrophy type 1	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-7	18	Protein methylation is essential to maintain skeletal muscle strength and function by regulating myosin heavy chain activity	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-8	28	Muscle and diaphragm involvement in GNE Myopathy: Insights from a large cohort and comparative study with other distal myopathies	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 1		O-9	153	The androgen receptor in mesenchymal progenitors regulates skeletal muscle mass via Igf1 expression in male mice	Sep 13 (Fri.)	10:50-12:20	Room 2
Oral Session 2		O-10	140	Lama1 upregulation prolongs the lifespan of a novel mouse model of LAMA2-related congenital muscular dystrophy	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-11	234	FKTN variant interpretation through high throughout sequencing assay	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-12	119	A Phase 1 Study of Antisense Oligonucleotide NS-035 in Patients with Fukuyama Congenital Muscular Dystrophy	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-13	27	Unraveling the Pathogenic Mechanisms of B3GALNT2-Related α -Dystroglycanopathy: Insights into Enzymatic Activity and Gene Expression Changes	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-14	134	Mn007 facilitates O-mannosyl glycosylation in Fukuyama muscular dystrophy	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-15	179	From basics to translational research for 14-years unravelling the Anti-inflammatory potential of a novel b-glucan; moving to clinic in Duchenne muscular dystrophy	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-16	125	Becker muscular dystrophy mouse models revealed nNOS reduction with capillary change and decreased type IIa fibers in skeletal muscle	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-17	187	Cardiac Dysregulation in Duchenne Muscular Dystrophy: An ECG analysis	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 2		O-18	104	Caveolin 3 inhibits phosphorylation-dependent activation of sarcolemmal nNOS	Sep 13 (Fri.)	13:30-15:00	Room 2
Oral Session 3		O-19	178	High-Risk Screening for Late-Onset Pompe Disease in China: An Expanded Multicenter Study	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-20	85	FORTIS Update: Biomarker Results and Up to 2 Years Safety and Exploratory Efficacy in a Phase 1/2 Open-Label Clinical Study of AT845 Gene Replacement Therapy for Late Onset Pompe-Disease	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-21	207	Novel mutations and genotype-phenotype correlation in a multicenter cohort of GNE myopathy in China	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-22	94	Development of sarcomere-observable mice for analyzing skeletal myofibril degeneration	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-23	154	Immune Mediated Megaconial Myopathy (IMMM): A Novel Subtype of Autoimmune Myopathy Featuring Giant Mitochondria.	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-24	73	Alterations in Cerebrospinal Fluid Metabolite Profiles in Patients with Spinal Muscular Atrophy	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-25	65	The open-label phase 4 RESPOND study evaluating nusinersen in children with spinal muscular atrophy (SMA) previously treated with onasemnogene abeparvovec: Interim clinical, neurofilament, and safety results	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-26	148	Prospective study on clinical outcomes and health-related quality of life in spinal muscular atrophy patients receiving nusinersen or risdiplam	Sep 14 (Sat.)	17:00-18:30	Room 2
Oral Session 3		O-27	72	Dynamic Changes in Cerebrospinal Fluid Metabolites as Predictors of Nusinersen Efficacy in Spinal Muscular Atrophy Patients: A Prospective Cohort Study	Sep 14 (Sat.)	17:00-18:30	Room 2
Poster Session 1	Clinical assesment of DMD and the other diseases	P-1	171	Health care transition from pediatric to adult care for patients with neuromuscular disorders in Japan: A single center study	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-2	70	Automatic calcuation of muscle volume of CT images of leg, using artificial intelligence	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-3	220	Safety of dexmedetomidine anesthesia for muscle and nerve biopsy.	Sep 13 (Fri.)	18:30-20:30	Poster

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Poster Session 1	Clinical assesment of DMD and the other diseases	P-4	222	Usefulness of ultrasound-guided nerve block in muscle biopsy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-5	74	Empowering Progress: Patient Registries and Digital Transformation in Neuromuscular Disorders	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-6	192	Two cases of female patients with Duchenne muscular dystrophy caused by DMD gene mutation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-7	68	Activities for patient involvement in Becker muscular dystrophy in Japan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-8	197	Integrated Ayurveda and Yoga Intervention for Enhancing Functionality and Ambulation in Patients with Muscular Dystrophies: A Single-arm Pilot Feasibility Trial	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 1	Clinical assesment of DMD and the other diseases	P-9	127	Natural history of Becker muscular dystrophy in a Japanese national registry of muscular dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-10	147	The burden of consanguineous marriages in Swat Valley, Pakistan.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-11	160	Aberrant mRNA processing caused by splicing mutations in TTN-related neuromuscular disorders	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-12	161	Novel compound heterozygous mutations in the TTN gene: elongation and truncation variants causing limb-girdle muscular dystrophy type 2J in a Han Chinese family	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-13	173	The Clinical Features and TTN Mutation Spectrum in a Chinese Cohort of Patients with hereditary myopathy with early respiratory failure	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-14	123	Identification of deep intronic pathogenic variants in autosomal recessive muscle disorders by in silico splicing prediction	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-15	172	The Clinical Features and TCAP Mutation Spectrum in a Chinese Cohort of Patients with Limb-girdle Muscular Dystrophy R7	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-16	159	Aberrant mRNA processing caused by splicing mutations in TTN-related neuromuscular disorders	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-17	186	First reported case of distal arthrogryposis type 2A in Korea with genetic confirmation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-18	120	Deletion of exons 6-9 of the ISPD gene causes congenital muscular dystrophy in mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-19	156	Clinical and molecular genetic analysis further delineates the phenotypic variability of POMT2-related limb girdle muscular dystrophy type R14	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-20	162	Aberrant splicing caused by three intronic mutations in autosomal recessive limb-girdle muscular dystrophy-1	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-21	189	Phenotype-driven variant prioritization and re-analysis enhances genetic diagnosis of Neuromuscular Disorders	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 2	Genetic analyses and identification of the variants	P-22	155	Novel TFG mutation causes autosomal-dominant spastic paraplegia and defects in autophagy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-23	169	Investigation of dystrophin localization and function in dog and mouse sperm	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-24	114	Characteristics of the skeletal muscle in Duchenne muscular dystrophy model rat	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-25	84	Generation and characterization of DMD-edited microminipigs: an advanced surrogate for Duchenne muscular dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-26	201	Muscle stem cells remain quiescent in Duchenne muscular dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-27	132	Dystrophin short product-specific tag-insertion transgenic mouse line	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-28	174	Genetic elucidation of the role of dystrophin isoforms in cognitive processes	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-29	101	Regional differences in telomere length and their association with disease progression in canine models of Duchenne Muscular Dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-30	117	Patient-derived iPSC brain organoids as a model for cognitive phenotypes of Duchenne Muscular Dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Poster Session 3	DMD pathogenesis	P-31	56	Investigating the role of AQP4 in abnormal social behavior exhibited by mdx52 mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-32	62	Enhanced fear and anxiety-like behavior associated with Brain Dp427 deficiency in Duchenne muscular dystrophy dogs.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 3	DMD pathogenesis	P-33	128	Characterizing subcellular localization and developmental expression of dystrophin in mammalian brain models	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-34	100	Characterization of disease-specific alterations in metabolites and effects of mesenchymal stromal cells on dystrophic mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-35	57	Evaluation of the efficacy of Viltolarsen to Duchenne muscular dystrophy using muscular imaging	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-36	58	Exploration of the current challenges and future directions for optimizing DMD management in Asia from a survey and expert panel discussion	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-37	122	A real-world survey on the treatment patterns and neurologist treatment satisfaction for Duchenne muscular dystrophy patients in Japan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-38	61	Febuxostat improves DMD phenotype in dystrophin mutant model of mice via enhancement of cellular ATP	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-39	44	Development of a treatment for Duchenne muscular dystrophy based on the Fucosyltransferase 8	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-40	113	Drug screening to induce jagged1 expression using transgenic zebrafish	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-41	80	Enhancing Antisense-Oligonucleotide Delivery through Muscle Metabolism Regulation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 4	Treatment and therapy for DMD and the other diseases	P-42	35	In vivo gene therapy for striated muscle laminopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-43	180	Development of a technique to map the transcriptome to histological changes in frozen sections of skeletal muscle at the single-cell level.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-44	212	Dissecting the immunometabolism of delta-sarcoglycan deficient animal model with multimodal mass spectrometry imaging	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-45	175	Generation of a zebrafish model of limb-girdle muscular dystrophy (LGMDR6) using genome editing technology.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-46	54	Stress-induced Cardiomyopathy with Aspiration Pneumonia Caused by the Ventilator Disconnection Accident in a Patient with Limb Girdle Muscular Dystrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-47	89	The introduction of the FSHD patient association in Japan and the future perspective towards international collaboration	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-48	111	The temporal changes of physiologic functions and gene expressions in drug-induced skeletal muscle specific DUX4 over expression mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-49	237	JAG2-related muscular dystrophy as a rare mimicry of facioscapulohumeral muscular dystrophy (FSHD)	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-50	15	Characteristics of Patient with FacioscapulohumeralMuscularDystrophy in Japanese Nationwide Registry of Muscular Dystrophy (Remudy)	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 5	LGMD and FSHD	P-51	183	Facioscapulohumeral Muscular Dystrophy in Taiwan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-52	184	Tubular Aggregate Myopathy: A Case Series Analysis in a Tertiary Hospital in Taiwan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-53	226	Excess Desmin expression diminishes muscle contractile function concomitant with alteration of SOCE protein expression in mice skeletal muscle.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-54	32	Subcellular localization of sarcoplasmic reticulum-related factors in gastrocnemius muscle of aged mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-55	231	Pathological features in hypokalemic periodic paralysis due to ATP1A2	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-56	191	Clinical and genetic features of patients with paramyotonia congenita in Korea	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-57	49	Comprehensive analysis of splicing abnormalities in multiple brain regions of myotonic dystrophy type 1: Comparisons between frontal cortex, temporal cortex, and cerebellum	Sep 13 (Fri.)	18:30-20:30	Poster

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Poster Session 6	Channelopathies and Myotonic dystrophies	P-58	50	MRI evaluation of sinusitis complications: Comparison of Myotonic dystrophy type 1 and Amyotrophic lateral sclerosis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-59	166	Assessment of cognitive function in a Japanese DM2 patient	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 6	Channelopathies and Myotonic dystrophies	P-60	170	Consideration focusing on caregivers in intervention research through the program for patients with myotonic dystrophy type 1 and their caregivers.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-61	131	Genetic features of Japanese dysferlinopathies	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-62	92	Analysis of the distribution of affected muscles in anoctaminopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-63	202	The International Clinical Outcome Study for Dysferlinopathy - 10 years of natural history data	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-64	145	Analysis of a novel mechanism of extracellular vesicles secretion from skeletal muscle.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-65	126	Analysis of anoctaminopathy focusing on inflammatory pathology	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-66	218	Multisystem Proteinopathy in Neurological Disorder	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-67	233	Clinicopathological characteristics of Japanese patients with multisystem proteinopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-68	203	A pilot, placebo-controlled trial of 6'-sialyllactose in GNE myopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-69	221	Mysterious Foot drop in two sisters from swat Pakistan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 7	Distal myopathies	P-70	211	Long-term analysis of oculopharyngodistal myopathy: Clinical course and electrophysiological evidence of purely neurogenic changes	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-71	194	Lipid metabolism is impaired in mEDS mouse model, and their muscle pathology may recover with HFD feeding.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-72	91	Splicing switching of alternative last exons due to a deletion including canonicalpolyadenylation site in COL6A2 gene causes recessive UCMD	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-73	204	Ullrich Congenital Muscular Dystrophy in Taiwan- A Medical Center Experience	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-74	139	The last nucleotide substitutions in exons of COL6A1/2/3 induce exon skipping in collagen VI-related muscular dystrophies	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-75	51	Differentially expressed genes detected in the rat crural fascia after lengthening contractions using RNA-sequence analysis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-76	31	Retinoic acid receptor agonists have dual and opposing effects on injury-induced tendon ossification in a mouse Achilles tenotomy model	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-77	219	Visualization of dynamic interactions between cartilaginous and tendinous/ligamentous primordia during musculoskeletal development	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-78	121	Generation and characterization of conditional Mxk knockout mouse	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 8	UCMD and tendinopathies	P-79	216	Sclerostin is a modulator of mineralization degree and stiffness profile in the fibrocartilaginous enthesis for mechanical tissue integrity.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-80	177	Early Effect of Efgartigimod in Generalized Myasthenia Gravis: A Single Center Experience from China	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-81	214	Changes in the Treatment of MG and the Therapeutic Effectiveness of FcRn Antagonists	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-82	29	Neuromuscular blockade attenuates cramp-like muscle contraction induced by an infusion of hypertonic saline in rats	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-83	168	Identification of a pair of closely related genes encoding muscle cytoplasmic proteins required for NMJ formation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-84	98	Centronuclear Myopathy in Dnm2 E368K Mice: Behavioral and Pathological Insights	Sep 13 (Fri.)	18:30-20:30	Poster

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-85	109	Reconstitution approaches to elucidate pathomechanisms of centronuclear myopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 9	NMJ, Myasthenia Gravis and Centronuclear diseases	P-86	118	mTOR Signaling Dysregulation Contributes to Impaired Myogenic Differentiation in Mtm1-knockout C2C12 Cells	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-87	47	Telbivudine-induced myopathy and clinicopathological characteristics : Case report	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-88	71	Neuromuscular junction dysfunction in a glycogen storage disease	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-89	229	Glycogen storage myopathies diagnosed by muscle biopsy in Iran, 16 years of experience in a referral center	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-90	182	ETFDH mutation causes excessive apoptosis and neurite outgrowth defect via Bcl2 pathway	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-91	210	The novel GAA variant R190G: expanding the spectrum of late onset Pompe disease and possible implications for screening in the Chinese population.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 10	Metabolic myopathies	P-92	236	Knockdown of LAMP-2 in HEK293T cells impairs lysosome homeostasis.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-93	225	Asymptomatic hyperCKemia for 40 years: Diagnosis of treatable immune-mediated necrotizing myopathy with anti-SRP antibody	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-94	163	Challenges in the Diagnosis of Immune-Mediated Necrotizing Myopathy: Focus on EULAR/ACR Classification Criteria	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-95	17	Kentaro Kawama	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-96	20	Analysis of muscle imaging of patient with anti-mitochondrial M2 antibody-positive myositis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-97	86	Clinical characteristic of IMNM patients seen at Neurological Institute of Thailand	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-98	138	Clinical, Laboratory, and Radiological Features of Korean Patients with Anti-SRP Immune-Mediated Necrotizing Myopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 11	Immune-Mediated Necrotizing Myopathy	P-99	185	PD-L1 inhibitor is a risk factor to cause severe respiratory failure in immune checkpoint inhibitor-associated myopathy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-100	13	Exploring immunohistochemical expression in idiopathic inflammatory myopathies at a single center in Vietnam	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-101	143	Nuclear actin in antisynthetase syndrome	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-102	158	Interstitial lung disease patients associated with antisynthetase syndrome present myopathic change in electromyography without myositis symptoms: a prospective case series clinical study	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-103	146	Interstitial Lung Disease in Patients with Idiopathic Inflammatory Myopathies: Data from a Cohort at a Tertiary Care Center in Karachi, Pakistan	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-104	152	Compound muscle action potential of whole-forearm flexors: A clinical biomarker for inclusion body myositis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-105	53	A patient with IBM-pattern of weakness, history of statin usage, anti-HMGCR positivity and HLA-DRB1*1101 allele.	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 12	Myositis	P-106	142	Are MAC Deposits in Amyloid Myopathy a New Entity or a Previously Overlooked Feature?	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-107	198	Muscle-derived IL-1 β regulates EcSOD expression via the NBR1-p62-Nrf2 pathway in muscle during cancer cachexia	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-108	106	Elucidation of muscle integrity mechanisms supported by heterogeneity of mesenchymal progenitors	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-109	64	Characterization of de-nitration activity present in injured muscle extract	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-110	96	Age-related changes in the capillary network of skeletal muscles	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-111	115	Effectiveness of Curcumin in Sarcopenia: A Systematic Review	Sep 13 (Fri.)	18:30-20:30	Poster

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Poster Session 13	Sarcopenia	P-112	141	Effect of Curcumin Supplementation on Rat Skeletal Muscle Morphology and AMPK Levels	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-113	181	Muscle p62 inhibits CXCL13 expression and protects against aging-induced systemic inflammation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 13	Sarcopenia	P-114	227	Establishing senescent skeletal muscle cell model to explore the sarcopenia mechanism in mitochondrial bioenergetic changes and set-up the platform for drug screening	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-115	103	Two-year efficacy of risdiplam administration for spinal muscular atrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-116	208	Long-Term Impact of Nusinersen on Motor and Electrophysiological Outcomes in Adolescent and Adult Spinal Muscular Atrophy: Insights from a Multicenter Retrospective Study	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-117	235	Intrathecal injection of nusinersen in adolescent and adult patients with spinal muscular atrophy: focusing on adverse effect	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-118	223	Genomic variants causing mitochondrial dysfunction are common in hereditary lower motor neuron disease	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-119	206	Postural changes in respiratory and diaphragm function in amyotrophic lateral sclerosis based on neurophysiological examination	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-120	228	Postural facial deformation and virtual fit of non-invasive ventilation mask in amyotrophic lateral sclerosis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-121	116	Development of in vitro neuromuscular junction model through direct reprogramming of human urine-derived cells from Amyotrophic lateral sclerosis patients	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 14	SMA and ALS	P-122	167	Analysis of aberrant phase separation of RNA-binding proteins associated with ALS	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-123	41	SFPQ maintains skeletal muscle mass through regulating aerobic metabolism	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-124	78	The impact of ketogenic diets blended with medium-chain triacylglycerols on skeletal muscle metabolism during atrophy	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-125	151	Microgravity inhibits myoblast proliferation by reduced intracellular Ca ²⁺ levels due to suppression of extracellular Ca ²⁺ uptake	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-126	14	Stroke -prone spontaneously hypertensive rats exhibit delayed skeletal muscle recovery from disuse atrophy by suppression of ribosomal protein S6 phosphorylation	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-127	24	Ratio of skeletal muscle resident cells fluctuates during immobilization-induced muscle atrophy and subsequent recovery	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-128	42	SMAD2 ubiquitination regulates skeletal muscle mass and tissue remodeling	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-129	63	Gene-transcriptome analysis of hypertrophic skeletal muscles induced by 2 g hypergravity in mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-130	124	Mkl1/2 inhibits muscle atrophy by blocking the GR/FoxO axis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-131	213	Roles of the fibrinolytic system in skeletal muscle atrophy induced by mechanical unloading	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-132	34	The effects of treadmill exercise mainly performed by forelimb on atrophy and mitochondrial adaptations in immobilized hindlimb muscle in mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 15	Experimental Atrophy	P-133	215	Mechanical stress may suppress myotube atrophy linked to cancer cachexia via androgen receptors	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-134	48	Analysis of mouse embryo skeletal muscle cell lineage by single nuclei RNAseq	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-135	75	Novel Functional Analysis of the Cholesterol Regulatory Factor ABCA1 in Skeletal Muscle Homeostasis	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-136	93	Adrenaline Resistance in Obese Skeletal Muscle Impairs Exercise Metabolism	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-137	30	Analysis of planar cell polarity protein Vangl2 expression in skeletal muscle stem cells	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-138	59	Expression of microRNA-24 improves regeneration in fast-twitch muscle	Sep 13 (Fri.)	18:30-20:30	Poster

Session Name	Session Title	Abstract Code	Abstract ID	Abstract Title	Session Dates	Session Time (JST)	Session Room
Poster Session 16	Muscle development, regeneration & homeostasis	P-139	232	The role of microRNA-140 in skeletal muscle	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-140	46	Doxorubicin irreversibly impairs skeletal muscle regeneration	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-141	82	Myoblast differentiation induced expression of complement regulatory proteins and CD59 expression on the membrane of myotubes was the uniquely clustering pattern	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-142	102	Development of an early and non-invasive method for predicting skeletal muscle stem cell induction efficiency utilizing culture supernatants	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-143	110	Acceleration of the development of myotubes from MYOD1-overexpressed human iPS cells using a new simple method	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 16	Muscle development, regeneration & homeostasis	P-144	76	Detection of microRNA leakage by stretch stimulation model using patient-derived iPS muscle cells	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-145	195	Heat acclimation modifies skeletal muscle functions in mice	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-146	200	Comprehensive Analysis of Stress-Dependent Subcellular Localization Changes in Proteins	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-147	190	Development of Controllable Stretching and Continuous Force Measurement System for in vitro Engineered Skeletal Muscle Tissue	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-148	196	Regulation of myokines by nutrition and heat stimulation in C2C12 myotubes	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-149	79	Regulatory mechanism of skeletal muscle-derived IL-6 expression: Impact on skeletal muscle-brown adipose tissue amino acid metabolism	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-150	176	Fatty acid-dependent myokine expression in mouse skeletal muscle	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-151	95	Consideration of fusion mechanisms based on characterization of myoblast migration, morphology, membrane stiffness, and cytoplasmic fluidity	Sep 13 (Fri.)	18:30-20:30	Poster
Poster Session 17	Myokine and New technologies	P-152	129	Biofabrication of cultured meat using a hollow fiber bioreactor	Sep 13 (Fri.)	18:30-20:30	Poster