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Sommario/riassunto	This compilation focuses on recent advances in the molecular and cellular understanding of neuromuscular biology, and the treatment of neuromuscular disease. These advances are at the forefront of modern molecular methodologies, often integrating across wet-lab cell and tissue models, dry-lab computational approaches, and clinical studies. The continuing development and application of multiomics methods offer particular challenges and opportunities in the field, not least in the potential for personalized medicine.