

## Special Issue

# Pharmacotherapy of Muscle Dystrophies

### Message from the Guest Editor

Muscular dystrophies involve a large list of primary diseases due to mutations in more than 70 specific genes, which result in the observation of dystrophic changes in different muscles. In other words, degenerated muscle is usually replaced by fibrous tissues unable to perform normal muscle function. Importantly, in several cases, is not only the skeletal muscle affected, but also other tissues, such as the heart, eyes, spine, endocrine glands, brain, etc. Given the numerous genetic defects identified today, as well as our improved understanding of the pathogenesis of some of these diseases, novel therapeutic approaches have been developed. From the large list of muscular dystrophy diseases, only Duchenne muscular dystrophy has recently achieved approval for a few personalized therapies, with the rest of the diseases in different position through the drug development pathway. In this Special Issue, we concentrate on assembling examples of therapeutic opportunities and developments for some of the diseases into the group of muscular dystrophy conditions.

### Guest Editor

Dr. Arturo López Castel

Translational Genomics Group, Biology Faculty, University of Valencia,  
46100 Burjassot, Spain

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## Pharmaceuticals

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*Pharmaceuticals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceuticals@mdpi.com](mailto:pharmaceuticals@mdpi.com)

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Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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