

Special Issue

Transcription Factors: Role in Degenerative Diseases

Message from the Guest Editor

Degenerative diseases are serious pathological conditions with critical social outcomes. In fact, neurodegenerative diseases as well as bone and musculoskeletal disorders, cardiovascular diseases, diabetes, and cancer affect a large part of the population. Unfortunately, therapeutic approaches are not able to counteract these degenerative diseases. Among the molecules involved in degenerative diseases, transcription factors play an important role in this context. Transcription factors, by acting on gene expression, can affect cellular processes and, thereby, can induce cellular injury, leading to degenerative diseases. However, transcription factors have been ignored by the pharmaceutical industry as drug design against them has proven difficult. The possibility to identify targeted drugs with higher affinity and specificity is an important goal to prevent degenerative diseases. In this Special Issue of *Molecules*, we will address the role of transcription factors in inducing cellular alterations in different degenerative diseases. Papers describing pharmaceutical approaches in this context are welcome too.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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