

## Special Issue

# SP/KLF Transcription Factors in the Homeostasis and Disease Progression

### Message from the Guest Editor

Specificity proteins (SPs) and Krüppel-like factors (KLFs) comprise a family of transcription factors (SP/KLF) regulating fundamental biological processes, including stemness, proliferation, apoptosis, regeneration, migration, and inflammation, in a wide variety of cell types and organisms. Structurally, these transcriptional factors are characterized by a highly conserved triple zinc-finger motif in their carboxyl-terminal domain. SP/KLF members preferentially bind to GC-rich regions of DNA and function as transcriptional activators and/or repressors. This transcriptional control regulates homeostasis and tumor initiation, promotion, and progression. Thus, many SP/KLF members are tumor suppressors and/or oncogenes. This Special Issue focuses on recent progress in understanding the role of SP/KLF members in regulating embryogenesis and development, maintaining homeostasis, and during disease development and progression.

### Guest Editor

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