

Special Issue

miRNAs in Carcinogenesis of Solid and Hematological Malignancies

Message from the Guest Editor

The increased incidence of solid and hematological malignancies places heightened emphasis on the genetic and epigenetic factors that play a greater role in the etiopathogenesis of individual malignancies and the intricate relationship between individual risk factors.

Several risk factors including obesity, alcohol abuse, viral infections (i.e., papillomavirus, Epstein Barr virus), and the use of steroid hormones (i.e., androgens, estrogens) are now widely known to be related to the occurrence of specific malignancies. MicroRNAs (miRNAs) are small, noncoding molecules of approximately twenty-two nucleotides with crucial roles in both healthy and pathological cells. Their expression depends not only on genetic factors, but also on epigenetic mechanisms. miRNAs are related to the development of pathologies, including neoplastic ones. Given these premises, this Special Issue aims to associate miRNAs and other risk factors in the carcinogenesis of solid and hematological malignancies.

Guest Editor

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