Special Issue

Juvenile Idiopathic Arthritis (JIA): Diagnosis, Treatment and Latest Updates

Message from the Guest Editor

Juvenile idiopatic arthritis (JIA) is the most common rheumatic disease reported in children in Western countries. The heterogeneity of JIA has made investigating the underlying pathogenesis difficult, and its initiating factors remain unresolved. The immunological changes involved in the pathogenesis of JIA include an abnormal activation of T cells, B cells, natural killer cells, dendritic cells, macrophages and neuthophils with the production of the pathophysiological cascade of pro-inflammatory mediators. Further research is needed to deepen the complexity of the JIA inflammatory process. Comorbidities and complicatons highlight the status of JIA as the most important pediatric rheumatological disease evolving with remission phases and flares through life until adulthood, leading to a reduction in life quality. The treatment of JIA has markedly evolved with novel, potent and relatively safe agents, but some unresponsive patients experience progressive joint destruction and serious systemic manifestations. In this Special Issue, we welcome authors to submit papers on JIA disease course, comorbidities, treatment, quality of life and functional outcomes.

Guest Editor

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