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# Molecular Research Progress of Familial Mediterranean Fever

Guest Editor:

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Deadline for manuscript submissions:
**closed (20 April 2024)**

## Message from the Guest Editor

Dear Colleagues,

Familial Mediterranean fever (FMF) is the most common inherited inflammatory disorder. The disease is characterized by self-limited, recurrent attacks of fever, accompanied by pain in the abdomen, chest, or joints and complications of amyloidosis. FMF predominantly affects Turks, Arabs, Armenians and Sephardic Jews, but it has been observed in lower frequencies throughout the Mediterranean area. Pyrin, an integral component of the pyrin inflammasome, is encoded by MEFV (Mediterranean Fever), the gene that is mutated in patients with FMF, and differently affects the disease phenotype and the risk of developing renal amyloidosis.To date, 391 sequence variants of the MEFV gene have been recorded, with up to one third of FMF patients carrying only a single or none of the common pathogenic MEFV mutations. Moreover, the clinical/functional relevance of some MEFV alleles is debated sometimes resulting in inconclusive genetic analysis. This special issue aimes at publishing cutting-edge research on the FMF pathophysiology, genotype-phenotype correlation, genetic epidemiology, and disease modifying factors.

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## Message from the Editor-in-Chief

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