

## Pathology Grand Rounds Thursday, April 28th 12:30-1:30pm

Hosted by: Manju Prasad, MD



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Finding Balance in Iron Metabolism

**Needs:** Study of the molecular basis of clinical disorders of iron overload and iron deficiency has revealed a number of genes products that perform key roles in systemic iron regulation. It is important for pathologists to be familiar with the spectrum of mutated gene products that result in histopathological and biochemical features of iron imbalance in order to facilitate patient genetic testing and disease classification.

**Objectives:** Understand the function of key genes products that are mutated in genetic disorder of systemic iron balance; Describe emerging thereapeutic targets for treatment of clinical iron disorders; Understand pathophysiological consequences of iron deficiency beyond anemia.







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