

## **Webinar**

# **Mechanisms of Immune Dysregulation in Autoimmunity**

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The immune system is taught to recognize foreign antigens, while tolerate self-antigens. However, genetic abnormalities together with environmental factors can cause a breach in the tolerance checkpoints causing “Autoimmunity”– an unnecessary inflammation and antibody-mediated response to self-antigens. Autoimmunity affects young adults, especially women, and causes morbidity and mortality by damaging various organ systems. Therefore, understanding the mechanisms that regulate self-antigen availability and immunogenicity are essential to prevent autoinflammation and autoantibody production.

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***04:00 PM***