

The role of interferon in Systemic Lupus Erythematosus (SLE)



Type 1 Interferons (IFN) play a critical role in the majority of SLE patients¹⁻⁴



Increased levels of **Type 1 interferons** in patients with SLE have been shown to correlate with **disease activity** and **severity**⁵



Approximately **75% of SLE patients show a high interferon gene signature**, meaning there is expression of higher levels of genes that are regulated by Type 1 interferons.⁶

References

¹Lauwerys BR et al. Rheumatology (Oxford) 2014;53:1369-76 ²Crow MK. J Immunol 2014;192:5459-68 ³Li et al. J Clin Invest 2015;125(7):2877-2879 ⁴Kiefer et al. Immunol Cell Biol 2012;90(5):498-504 ⁵Feng et al. Arthritis Rheumatol. 2006; 54: 2951-2962 ⁶Furie, R., et al., Arthritis Rheumatol. 2015. 67(suppl 10).

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