

Table SIII. Vitiligo-associated proinflammatory cytokines

Cytokine	Association with vitiligo	Ref
Tumour necrosis factor- α	Increased level in the serum, production by peripheral blood mononuclear cells and in the lesional skin of patients with vitiligo	(45)
Interferon- α	Interferon (IFN)- α producing plasmacytoid dendritic cells are found in the skin of patients with active vitiligo	(20)
	Pegylated IFN- α 2a and IFN- α 2b, which are used in the treatment of chronic C-hepatitis, induce depigmentation at injection sites	(46)
	Vitiligo patches have been observed at the site of application of imiquimod, a TLR7 and TLR8 agonist that enhances the production of IFN- α	(47)
Interferon- γ	Expression is upregulated in lesional skin and peripheral blood mononuclear cells of patients with vitiligo	(19)
	Decreased depigmentation of IFN- γ -/- mice in mouse models of vitiligo	(48–51)
Interleukin-1 β	Level is increased in the serum and whole blood of patients with segmental and generalized vitiligo	(52, 53)