ABSTRACT: Withania somnifera (Solanaceae), commonly known as Ashwagandha is an important medicinal plant that has been used in Ayurvedic medicines for more than 3,000 years. It is specially used for the treatment of nervous and sexual disorders. The chief active chemical constituents are withanolides, withaferin A, withaniferin B, withanine, somniferine, somnine, sitoindoside. Withanolides are used in the treatment of arthritis and are shown to be potent inhibition of the activation of NF-kB. Withanone protects against the cerebral damage. It also exhibits antioxidant effects by increasing the antioxidant enzymes. Sitoindosides enhance the M1 and M2 muscarinic receptor binding to alter the AChE activity. Withania somnifera also showed significance protection against stress induced gastric ulcers. Withania somnifera showed a wide range of therapeutic activities and maintaining general health such as Immunomodulation, anti-cancer and anti-epileptic, memory enhancer, to promote good physical and mental health, mood elevator, diuretic, general tonic and rejuvenator, stress reliever, anti-ageing, anti-oxidant, hypoglycemic, hypocholesterolemic. Withanolides have got analgesic and anti-inflammatory activity due to cyclooxygenase-2 inhibition property. Ashwagandha enhances nitric oxide synthase activity of the macrophages, which in turn increases the microbial killing power of these immune cells thereby enhancing the Cell Mediated Immune (CMI) response. This plant is used due to its wide range of therapeutic activities and lesser side effects as compare to synthetic drugs. © 2019 iGlobal Research and Publishing Foundation. All rights reserved.